

Recovery and Resilience Facility

Operational arrangements between the European Commission and Germany

These operational arrangements enter into force on the signature date between:

- (1) The European Commission, 200, rue de la Loi, B-1049 Bruxelles, Belgium, which is represented for the purpose of the signature of these operational arrangements by Commissioner Paolo Gentiloni;

hereinafter referred to as the
“**Commission**”

on the one part,

and

- (2) The Federal Republic of Germany, represented by Wolf Heinrich REUTER, Director-General for Economic and Fiscal Policy Strategy at the Federal Ministry of Finance,

hereinafter referred to as “**Germany**”

on the other part,

hereinafter separately referred to as a “**Party**” and collectively as the “**Parties**”,

WHEREAS:

- (1) Regulation (EU) 2021/241 of the European Parliament and of the Council of 12 February 2021 establishing the Recovery and Resilience Facility (the “**RRF Regulation**”) established the Recovery and Resilience Facility to provide Member States with financial support with a view to achieving the milestones and targets of reforms and investments as set out in their recovery and resilience plans.
- (2) In accordance with Article 18(1) of the RRF Regulation, Germany submitted to the Commission a recovery and resilience plan (the “RRP”). By virtue of Council Implementing Decision of 13 July 2021 on the approval of the assessment of the recovery and resilience plan for Germany (ST 10158 2021, ST 10158 2021 ADD 1) (the “Council Implementing Decision”), the Council approved the assessment of the

RRP and determined a financial contribution of EUR 25 613 478 442 linked to the satisfactory fulfilment of milestones and targets.

- (3) In accordance with Article 21(1) of the RRF Regulation, Germany made a reasoned request to the Commission to amend the Council Implementing Decision of 13 July 2021 in accordance with Article 21(1) of Regulation (EU) 2021/241 considering the RRP to be partially no longer achievable due to objective circumstances. On this basis, Germany submitted an amended RRP. By virtue of Council Implementing Decision of 14 February 2023 amending the Council Implementing Decision of 13 July 2021 on the approval of the assessment of the recovery and resilience plan for Germany (ST 5536 2023), the Council amended the Council Implementing Decision and determined a financial contribution of EUR 26 359 833 613 linked to the satisfactory fulfilment of milestones and targets.
- (4) Pursuant to Article 20(6) of the RRF Regulation, the Parties should enter into Operational Arrangements to further specify the elements mentioned therein.

The Parties have agreed the following:

1. ARRANGEMENTS AND TIMETABLE FOR MONITORING AND IMPLEMENTATION AND THE RELEVANT INDICATORS RELATING TO THE FULFILMENT OF THE ENVISAGED MILESTONES AND TARGETS

- 1.1 To facilitate smooth cooperation and the effective implementation of the RRP, the Parties agree to maintain regular exchanges in relation to the implementation of the relevant reforms and investment projects.
- 1.2 Germany designates the Federal Ministry of Finance as the Coordinator (the “**Coordinator**”) to act as the interlocutor with the Commission for the overall implementation of the RRP and of these Operational Arrangements. The Coordinator is responsible at national level for coordinating and monitoring the effective implementation of the measures envisaged and the achievement of the objectives set in the RRP.
- 1.3 The Commission designates the Recovery and Resilience Task Force and the Directorate General for Economic and Financial Affairs as the interlocutors for the monitoring of the implementation of the RRP on behalf of the Commission.
- 1.4 The Coordinator and the Commission shall hold at least quarterly exchanges to take stock of progress on the implementation of the RRP. Such exchanges may take place in person in Germany or in Brussels. They may also take place virtually or, if both Parties agree, via written form. While maintaining the capacity to hold physical or

virtual meetings at short notice, such meetings should ordinarily be planned a minimum of 7 days in advance, with a defined agenda.

- 1.5 The exchanges to take stock of progress on the implementation of the RRP shall, as a standing item on the agenda, discuss the timeline for payment requests as set out in Section 3. The Coordinator shall assess and inform the Commission of any significant risks to the timeline for the completion of any milestone or targets, notably where that may have implications for the timeline of the associated payment request.
- 1.6 The Coordinator and the Commission may organise meetings on ad hoc topics outside of the exchanges to take stock of progress on the implementation of the RRP. Such ad hoc meetings are encouraged to discuss investments and reforms in the RRP that may raise specific implementation challenges. These meetings shall take place in a timely manner to identify possible implementation issues. Ad hoc meetings may also be required to discuss specific implementation issues that cut across multiple components (e.g. compliance with the Do No Significant Harm principle), to ensure consistency across the RRP.
- 1.7 The Coordinator may nominate specific government entities to be in charge of the actual implementation of specific reforms and investments. As part of the monitoring of the RRP, the Commission may ask the Coordinator to organise technical meetings with such nominated entities to seek further information. The Coordinator shall be in copy of all exchanges and shall be invited to all technical meetings that may take place. These technical meetings may take place on a more regular basis than the meetings with the Coordinator, to enable a more frequent monitoring of the reforms and investments included under each component of the RRP and to identify possible implementation issues in advance of the exchanges. An overview of the technical meetings that are taking place will be discussed in the meetings with the Coordinator.
- 1.8 While respecting internal processes and timing, and in order to facilitate the implementation of the RRP and the assessment of payment requests, the Coordinator or nominated specific government entities are encouraged to share with the Commission any relevant information on the progress in the implementation of the RRP, in order to discuss in a timely manner its alignment with the relevant provisions in the Council Implementing Decision.
- 1.9 Annex I to these Operational Arrangements further specifies the milestones, targets and relevant indicators laid down in the Council Implementing Decision to measure the progress towards the achievement of the reforms and investment projects of the RRP.
- 1.10 Annex II to these Operational Arrangements further specifies the arrangements and timetable for monitoring laid down in the Council Implementing Decision.
- 1.11 In accordance with Article 27 of the RRF Regulation, Germany shall report in the context of the European Semester on the progress made in the achievement of its RRP,

including these Operational Arrangements and on the common indicators set out in accordance with Article 29(4) of the RRF Regulation. Such reporting shall take place each year, by 30 April and 15 October on the progress made in the achievement of the RRP, including these Operational Arrangements, and by 28 February and 31 August on the common indicators. Annexes I and II specify the arrangements for the reporting linked to these Operational Arrangements. The Commission and Germany have agreed that common indicators [RRFCI04] Population benefiting from protection measures against floods, wildfires, and other climate related natural disasters, [RRFCI05] Additional dwellings with internet access provided via very high capacity networks and [RRFCI11] Number of people in employment or engaged in job searching activities as specified in the Annex to the delegated act adopted under Article 29(4) of the RRF Regulation are not relevant in the context of Germany's RRP.

- 1.12 In order to ensure effective coordination and complementarity of Union funding in accordance with Article 28 of the RRF Regulation, Germany shall include in such reporting any investment or reform supported under its RRP that has or is receiving funding from any other Union programme and the relevant amount. In order to establish a mechanism of coordination, the Commission and Germany shall discuss as relevant the coordination and complementarity with other Union funding during their exchanges.
- 1.13 In the context of Article 28 of the RRF Regulation, the Commission and Germany agree to jointly organise an annual event with the participation of those responsible for implementing the RRP and other relevant stakeholders, to discuss complementarity, synergy, coherence and consistency between the implementation of the RRP and the other Union programmes. In addition, this event may serve as a horizontal platform to exchange views on the state of implementation of the RRP in view of ensuring close cooperation between all actors involved

2. ARRANGEMENTS FOR ACCESS TO DATA

- 2.1 The arrangements that Germany has proposed in order to ensure full access by the Commission to relevant underlying data are set out in the Council Implementing Decision.
- 2.2 Annex I specifies the minimum information (i.e. verification mechanisms) that supports the due justification of the request for payment. Germany shall send this information to the Commission together with the payment request. Where relevant, the Commission may request samples of the evidence. In accordance with Article 24(3) of the RRF Regulation, the satisfactory fulfilment of milestones and targets shall presuppose that measures related to previously satisfactorily fulfilled milestones and targets have not been reversed by the Member State. Germany shall notify the Commission of any change in the documentation identified in the verification

mechanism in Annex I on which that assessment was made, which is of a material nature to affect such assessment or the assessment of future milestones and targets.

- 2.3 Additionally, Germany shall ensure that, upon request, the Commission has full access to the underlying relevant data that supports the due justification of the request for payment, both for the assessment of the request for payment in accordance with Article 24(3) of the RRF Regulation and for audit and control purposes in accordance with Article 22(2)(e) of the RRF Regulation. This information will be provided to the Commission by the Coordinator.

3. TIMELINE FOR PAYMENT REQUESTS

In accordance with Article 24 of the RRF Regulation, upon completion of the relevant agreed milestones and targets indicated in the RRP, Germany shall submit a duly justified request for payment of the financial contribution. The relevant milestones and targets for each instalment are contained in the Council Implementing Decision. The indicative timeline for such payment requests is the following:

Final contribution

Payment Request for the First Instalment	EUR 4 344 763 676	Q3 2023
Payment Request for the Second Instalment	EUR 7 531 239 794	Q1 2024
Payment Request for the Third Instalment	EUR 6 857 606 743	Q3 2024
Payment Request for the Fourth Instalment	EUR 3 698 513 14	Q3 2025
Payment Request for the Fifth Instalment	EUR 3 927 710 259	Q3 2026

4. AMENDMENTS

These Operational Arrangements may be modified by mutual consent between the Parties. Such amendments may take place by an exchange of letters. The Parties consent that the entities designated as the Coordinator and the interlocutors for the monitoring of the implementation of the RRP on behalf of the Commission in Clause 1.2 and 1.3 respectively may be amended by notification.

For the Commission
Represented by

Paolo Gentiloni
Commissioner for Economy

Signed on 04. 09. 2023



For Germany
Represented by

Wolf Heinrich REUTER
Director-General, Economic
and Fiscal Policy Strategy,
Federal Ministry of Finance

Signed on 28/08/2023



Annex I

MILESTONES, TARGETS AND RELATED INDICATORS – NON-REPAYABLE SUPPORT

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
1	1.1.1 Hydrogen projects within the framework of IPCEIs	M	Completion of expression of interest procedure	Companies have submitted project sketches				Q2	2021	The expression of interest procedure has been completed. Potential projects and project participants in Germany have been identified.	Federal Ministry for Economic Affairs and Climate Action (BMWK)		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a list of all identified projects with corresponding project participants and project description; (b) copies of the submitted project sketches.
2	1.1.1 Hydrogen projects within the framework of IPCEIs	M	Issuance of first grant decisions	Grant decisions issued				Q1	2022	Grant award decisions have been issued to beneficiaries/applicants by the Ministry for Economic Affairs and Energy (BMWi), Ministry of Transport and Digital Infrastructure (BMVI), Ministry of the Environment (BMU), enabling the start of the implementation of the selected projects.	Federal Ministry for Economic Affairs and Climate Action (BMWK)	For the purpose of these Operational Arrangements, beneficiaries shall be understood as recipients.	Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) copies of the project documentation of all selected projects; (b) copies of the first grant decisions issued, with the names of recipients, a project description and the date of issuance.
3	1.1.1 Hydrogen projects within the framework of IPCEIs	T	Commitment of at least EUR 500 000 000		EUR million	0	500	Q2	2024	At least EUR 500 000 000 have been committed to hydrogen projects in line with grant decisions issued.	Federal Ministry for Economic Affairs and Climate Action (BMWK)		Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a list of the selected projects and contractual counterparts, including the amount awarded to each contractual counterpart through the issuance of grant decisions and a unique identifier of corresponding grant decisions; (b) copies of the corresponding grant decisions issued.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
4	1.1.1 Hydrogen projects within the framework of IPCEIs	M	Evaluation of the support programme	First evaluation report (interim report) published				Q4	2025	The evaluators have provided a first evaluation report, which shall contain an initial assessment of the direct and indirect effects of the aid and an assessment of the appropriateness and proportionality of the support measure. The evaluation report shall notably assess the success towards the development of electrolytic capabilities, their systemic integration into the energy system (avoidance of network bottlenecks), the development of demand-driven infrastructure, implementation of hydrogen decarbonisation technologies. The evaluators shall also assess the success of the hydrogen technology market uptake and to what extent it is relevant to the energy system and needs. The evaluation shall be contracted out to external and independent evaluators.	Federal Ministry for Economic Affairs and Climate Action (BMWK)		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the first evaluation report; (b) a summary of how each separate element of the reporting requirement set out in the milestone description has been addressed.
5	1.1.1 Hydrogen projects within the framework of IPCEIs	T	Commitment of EUR 1 500 000 000		EUR million	0	1500	Q3	2026	At least EUR 1 500 000 000 have been committed to hydrogen projects in line with grant decisions issued.	Federal Ministry for Economic Affairs and Climate Action (BMWK)	Targets 3 and 5 are sequential. The baseline is to be understood as 500 (not 0).	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) an updated list of selected projects and contractual counterparts, including the amount awarded to each contractual counterpart through the issuance of grant decisions and a unique identifier of corresponding grant decisions; (b) copies of the corresponding grant decisions issued. Only evidence on projects additional to those reported on under target 3 is required.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
6	1.1.1 Hydrogen projects within the framework of IPCEIs	T	Creation of at least 300 MW of electrolysis capacity		Megawatt	0	300	Q3	2026	At least 300 MW of electrolysis capabilities shall be created.	Federal Ministry for Economic Affairs and Climate Action (BMWK)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) copies of the certificates of completion issued in accordance with the national legislation for the different created electrolyzers and the corresponding capacity;</p> <p>(b) a copy of a report endorsed by the responsible ministry summarising and justifying the overall capacity achieved.</p>
7	1.1.2 Support programme for decarbonisation in industry	M	Entry into force of funding guideline (Förderrichtlinie) for decarbonisation in industry	Entry into force of funding guideline				Q1	2021	The guideline has entered into force, enabling companies to submit applications.	Federal Ministry for Economic Affairs and Climate Action (BMWK)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the publication of the guideline in the Federal Gazette (<i>Bundesanzeiger</i>) and reference to the relevant provisions indicating the entry into force;</p> <p>(b) a copy of the implementation decree issued by the Federal Ministry for Economic Affairs and Climate Action (BMWK) setting out that only projects resulting in emissions substantially below the EU Emissions Trading System benchmarks shall be eligible for support under the support programme.</p>
8	1.1.2 Support programme for decarbonisation in industry	T	Issuance of grant decisions		Number	0	20	Q4	2024	Grant decisions have been issued to beneficiaries/applicants, enabling the start of the implementation of the selected projects.	Federal Ministry for Economic Affairs and Climate Action (BMWK)	For the purpose of these Operational Arrangements, beneficiaries shall be understood as recipients.	<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the project description for each grant decisions issued;</p> <p>(b) a copy of the grant decisions addressed to projects participants;</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													(c) the ETS EU Transaction Log (EUTL, as established by Article 5 of Commission Regulation (EU) 389/2013) identifier of the selected ETS installations; (d) an indication of the ETS sector to which the activity of each project belongs; (e) abstracts of the projected emissions of the projects including a comparison with ETS benchmarks showing that projected emissions are substantially below the ETS benchmarks. If projected emissions are below ETS benchmarks but not substantially below, a justification must be added explaining why emissions cannot be substantially below.
9	1.1.2 Support programme for decarbonisation in industry	T	Disbursement to the supported projects		EUR million	0	427	Q3	2026	Of the EUR 449 288 000 allocated to the measure, at least EUR 426 823 000 of funds committed to the selected projects have been disbursed to the beneficiaries.	Federal Ministry for Economic Affairs and Climate Action (BMWK)	The disbursement value to be reached is at least EUR 426 823 000. The value indicated in the target column is a rounded-up figure. For the purpose of these Operational Arrangements, beneficiaries shall be understood as recipients.	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex a spreadsheet with at least the following information: (a) the official references of the decisions committing the funds to each project and for each of them the corresponding projects; (b) the amount disbursed for each project; (c) the official references of the invoices proving payment. On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each decision committing the funds selected: (a) a copy of the decision committing funds; (b) copies of the invoices proving payment.
10	1.1.2 Support programme for decarbonisation in industry	T	Reduction of greenhouse gas emissions in industry		Million tonnes of CO ₂ equivalent (annual avoidance)	0	1	Q3	2026	The measure has led to the avoidance of at least 1 million tonnes of CO ₂ equivalent in 12 consecutive months in 2025/2026, as evidenced by the interim/final reports sent by beneficiaries to the project promoter. The reports shall indicate how many greenhouse gas emissions (GHG) have been avoided by the implemented projects, compared to the GHG	Federal Ministry for Economic Affairs and Climate Action (BMWK)	For the purpose of these Operational Arrangements, beneficiaries shall be understood as recipients.	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of a report demonstrating the overall GHG emissions reduction achieved. This document shall also include as an annex a spreadsheet

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					Unit	Baseline	Goal	Q	Y				
										emissions that would have occurred without the intervention. The overall GHG emissions reduction achieved by the measure shall be summarised in a separate report.			<p>with at least the following information:</p> <ul style="list-style-type: none"> (a) the official references of the recipient projects and of the interim/final reports sent by recipients to the project promoter; (b) extracts of the official documents showing the projected level of GHG emissions per unit of product for awarded projects with activities under the EU ETS; (c) a unique identifier for each project; (d) the CO2 savings achieved by each project as evidenced by the interim/final reports sent by the recipient to the project promoter; (e) where applicable, the unique identifier of the energy certificates used to demonstrate the avoided CO2 emissions. <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each project selected:</p> <ul style="list-style-type: none"> (a) a description of the project; (b) the interim/final reports sent by the recipient to the project promoter; (c) an explanation of how many greenhouse gas emissions (GHG) have been avoided by the implemented project, compared to the GHG emissions that would have occurred without the intervention; (d) where applicable, copies of the energy certificates used to demonstrate the avoided CO2 emissions, each including a reference to a unique project identifier; (e) an indication of the ETS sector to which the activity of the project belongs; (f) an abstract of the projected emissions of the project and comparison with ETS benchmarks showing that projected emissions are substantially below the ETS benchmarks. If projected emissions are below ETS benchmarks but not substantially below, a justification must be added for the fact that emissions cannot be substantially below.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
11	1.1.3 Pilot scheme for climate action contracts based on the principle of Carbon Contracts for Difference	M	Completion of expression of interest procedure for climate change contracts	Companies submit expressions of interest for climate change contracts to Ministry of the Environment (BMU)				Q4	2021	The expression of interest procedure has been completed, with companies having expressed their interest in receiving support for their projects through climate change contracts and projects having been selected.	Federal Ministry for Economic Affairs and Climate Action (BMWK)	For the purpose of these Operational Arrangements, “projects having been selected” shall be understood as “projects having been identified as eligible among those submitted under the call for expression of interest”.	Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the published call for expression of interest; (b) a justification that the technical specifications of the call reflect the description of the investment in the CID Annex; (c) a list of all chosen projects identified as eligible with a project description; (d) an indication of the ETS sector to which the activity of each project belongs;
12	1.1.3 Pilot scheme for climate action contracts based on the principle of Carbon Contracts for Difference	M	Funding guideline (<i>Förderrichtlinie</i>) for a pilot programme on climate change contracts based on the principle of Carbon Contracts for Difference	Entry into force of funding guideline				Q3	2022	The guideline for a pilot programme on climate change contracts based on the principle of Carbon Contracts for Difference has entered into force, enabling companies to submit applications.	Federal Ministry for Economic Affairs and Climate Action (BMWK)		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the funding guideline as published in the Federal Gazette (<i>Bundesanzeiger</i>) and reference to the relevant provisions indicating its entry into force. (b) references to the relevant provisions setting out that only projects with projected emissions substantially below the ETS benchmarks are eligible for support. Where projected emissions are below ETS benchmarks but not substantially below, a justification must be added explaining why emissions cannot be substantially below.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
13	1.1.3 Pilot scheme for climate action contracts based on the principle of Carbon Contracts for Difference	T	Disbursement to the supported projects		EUR million	0	522.5	Q3	2026	Of the EUR 550 000 000 allocated to the measure, at least EUR 522 500 000 of funds committed to the selected projects have been disbursed to the beneficiaries.	Federal Ministry for Economic Affairs and Climate Action (BMWK)	For the purpose of these Operational Arrangements, beneficiaries shall be understood as recipients.	<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <ul style="list-style-type: none"> (a) a list of disbursements and corresponding projects; (b) a copy of the legal acts or award decisions selecting the projects; (c) the amount disbursed for each project; (d) copies of the invoices proving payment for each project; (e) the ETS EU Transaction Log identifier of the selected ETS installations; (f) extracts of the official documents containing the projected level of GHG emissions per unit of product for awarded projects with activities under the EU ETS benchmarks.
14	1.1.4 Project-related climate protection research	T	Approval of applications for support of climate-related research projects		Number of applications approved	0	45	Q4	2021	The climate-related research projects selected under the call for tender have been approved for funding.	Federal Ministry of Education and Research (BMBF)	For the purpose of these Operational Arrangements, the target refers to selected projects (<i>Vorhaben</i>).	<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <ul style="list-style-type: none"> (a) a copy of the call for tender; (b) a justification that the technical specifications of the call are fully aligned with the description of the investment in the CID Annex; (c) for each of at least 45 projects approved for funding: <ul style="list-style-type: none"> (i) a copy of the funding notice approving the funding; (ii) a copy of the corresponding project documentation.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
15	1.1.4 Project-related climate protection research	T	Disbursement to the supported projects		EUR million	0	57	Q4	2025	Of the EUR 60 000 000 allocated to the measure, at least EUR 57 000 000 of funds committed to the selected projects have been disbursed to the beneficiaries.	Federal Ministry of Education and Research (BMBF)	For the purpose of these Operational Arrangements, beneficiaries shall be understood as recipients.	<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex a spreadsheet with at least the following information:</p> <p>(a) a list of disbursements with their amounts and a unique identifier, also indicating the corresponding project with its official reference;</p> <p>(b) a list of completed projects with their official references and their project descriptions.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each disbursement selected:</p> <p>(a) a copy of the invoice proving disbursements;</p> <p>(b) a copy of the corresponding funding notice approving the funding;</p> <p>(c) a copy of the corresponding project documentation.</p>
16	1.1.4 Project-related climate protection research	T	Completion of supported climate-related research projects		Number	0	45	Q4	2025	Projects have been completed, as evidenced by the submission of the final report.	Federal Ministry of Education and Research (BMBF)	For the purpose of these Operational Arrangements, the target refers to selected projects (<i>Vorhaben</i>).	<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements for each of at least 45 completed projects:</p> <p>(a) a project description;</p> <p>(b) a copy of the corresponding funding notice approving the funding;</p> <p>(c) a copy of the corresponding project documentation;</p> <p>(d) a copy of the corresponding final report.</p>
17	1.1.5 Flagship projects for research and innovation in the context of the National Hydrogen Strategy	M	Publication of the competition "Idea Competition 'Hydrogen Republic Germany'" (Förderaufruf zum	Publication of the competition on the Ministry of Education and Research's homepage				Q2	2020	The competition, including the eligibility conditions, has been published on the homepage of the Ministry of Education and Research and opened for applications.	Federal Ministry of Education and Research (BMBF)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the publication of the competition, including</p>

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					Unit	Baseline	Goal	Q	Y				
			Ideenwettbewerb „Wasserstoffrepublik Deutschland“)										the eligibility conditions, showing that the competition was open to applications, and a copy of a link to the website of the Federal Ministry of Education and Research (<i>BMBF</i>) where it can be accessed.
18	1.1.5 Flagship projects for research and innovation in the context of the National Hydrogen Strategy	T	Issuance of grant decisions		Number of grant decisions issued	0	150	Q2	2022	Grant decisions have been issued to beneficiaries/applicants, enabling the start of the implementation of the selected projects.	Federal Ministry of Education and Research (<i>BMBF</i>)	For the purpose of these Operational Arrangements, beneficiaries shall be understood as recipients.	<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex a spreadsheet with at least the following information:</p> <p>(a) the official reference numbers of the grant decisions that have been issued, enabling the start of the implementation of the selected projects, with a project description.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each grant decision selected:</p> <p>(a) a description of the project and the recipient;</p> <p>(b) a copy of the grant decision corresponding to the project.</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
19	1.1.5 Flagship projects for research and innovation in the context of the National Hydrogen Strategy	T	Completion of the supported projects		Number	0	150	Q3	2026	The projects have been completed, as evidenced by the availability of the official final report. These reports shall describe in detail the results achieved and compare them with the objectives set.	Federal Ministry of Education and Research (BMBF)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex a spreadsheet with at least the following information:</p> <p>(a) the official reference numbers of the projects which have been completed and for which the official final reports (<i>Sachbericht</i>) have been submitted.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each project selected:</p> <p>(a) copies of the official final reports (<i>Sachbericht</i>) issued in accordance with national legislation, with the reports describing in detail the results achieved and compare them with the objectives set.</p>
20	1.1.5 Flagship projects for research and innovation in the context of the National Hydrogen Strategy	T	Disbursement to the supported projects		EUR million	0	560	Q3	2026	Of the EUR 700 000 000 allocated to the flagship projects, at least EUR 560 000 000 have been disbursed to beneficiaries. Calculation based on actual payments made.	Federal Ministry of Education and Research (BMBF)	For the purpose of these Operational Arrangements, beneficiaries shall be understood as recipients.	<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex a spreadsheet with at least the following information:</p> <p>(a) the list of disbursements with official reference number, the amount disbursed and a short description of the corresponding project.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each disbursement selected:</p> <p>(a) copies of the invoices proving the payment to the recipient.</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
21	1.1.5 Flagship projects for research and innovation in the context of the National Hydrogen Strategy	T	Commitment for flagship research and innovation projects		EUR million	0	665	Q3	2026	Of the EUR 700 000 000 allocated to the flagship projects, at least EUR 665 000 000 have been committed.	Federal Ministry of Education and Research (BMBF)	For the purpose of these Operational Arrangements, Targets 20 and 21 shall be seen as sequential. The baseline shall be understood as 560.	<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex a spreadsheet with at least the following information:</p> <p>(a) the selected projects with their official reference numbers and the amount committed to each contractual counterpart;</p> <p>(b) the official reference numbers of the decisions committing the funds.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each project selected:</p> <p>(a) a detailed project description;</p> <p>(b) a copy of the decision committing the funds to the project.</p>
22	1.2.1 Support for the construction of charging infrastructure	M	Entry into force of funding guidelines	Two funding guidelines published in the Federal Gazette (<i>Bundesanzeiger</i>)				Q4	2021	The two funding guidelines are published in the Federal Gazette (<i>Bundesanzeiger</i>), enabling eligible organisations / households to submit applications to: (1) 'charging infrastructure for residential buildings' and (2) 'publicly accessible charging infrastructure for electric vehicles'.	Federal Ministry for Digital and Transport (BMDV)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the funding guidelines' publications in the Federal Gazette (<i>Bundesanzeiger</i>) and references to the relevant provisions indicating their entry into force.</p>
23	1.2.1 Support for the construction of charging infrastructure	T	Expansion of the public recharging network for electric vehicles		Number of publicly accessible recharging points	0	50000	Q4	2025	At least 50 000 publicly accessible recharging points have been funded with support from the grant scheme operated by the Ministry of Transport and Digital Infrastructure (BMVI).	Federal Ministry for Digital and Transport (BMDV)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex a spreadsheet with at least the following information:</p> <p>(a) the official references (unique identifiers of the recipients, i.e. <i>Förderkennzeichen</i>) of the grant decisions issued for at least 50 000 charging points and the number of charging points installed;</p> <p>(b) a justification that the technical specifications of the</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													<p>call are fully aligned with the description of the investment in the CID Annex.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each grant decision selected:</p> <p>(a) a copy of the grant decision issued for the charging point or charging points and its recipient;</p> <p>(b) primary evidence demonstrating that the technical specifications of the call are fully aligned with the description of the investment in the CID Annex.</p>
24	1.2.1 Support for the construction of charging infrastructure	T	Expansion of recharging points in residential buildings		Number of recharging points in residential buildings	0	400000	Q4	2023	At least 400 000 recharging points in residential buildings have been funded with support from the grant scheme operated by the Ministry of Transport and Digital Infrastructure (BMVI).	Federal Ministry for Digital and Transport (BMDV), operated by KfW		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex a spreadsheet with at least the following information:</p> <p>(a) the official references (unique identifiers of the recipients, i.e. <i>Förderkennzeichen</i>) of the grant decisions issued for at least 400 000 charging points and the number of charging points installed;</p> <p>(b) a justification that the technical specifications of the call are fully aligned with the description of the investment in the CID Annex.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each grant decision selected:</p> <p>(a) a copy of the grant decision issued for the charging point or charging points and its recipient;</p> <p>(b) primary evidence demonstrating that the technical specifications of the call are fully aligned with the description of the investment in the CID Annex.</p>
25	1.2.2 Funding for the development of electro-mobility	M	Entry into force of the funding guidelines	Entry into force of funding guidelines published in the Federal Gazette				Q4	2020	The funding guidelines covering the development of municipal and commercial e-vehicle fleets and charging infrastructure, as well as related applied R&D (e-mobility concepts/designs) and e-mobility concepts have been published in the Federal Gazette	Federal Ministry for Digital and Transport (BMDV)		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, and notably demonstrating that eligible organisations / households are able to submit applications, with appropriate links to the underlying evidence.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
				(<i>Bundesanzeiger</i>)						(<i>Bundesanzeiger</i>), enabling eligible organisations / households to submit applications.			This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the publication in the Federal Gazette (<i>Bundesanzeiger</i>) of the funding guidelines and reference to the relevant provisions indicating their entry into force.
26	1.2.2 Funding for the development of electro-mobility	T	Commitment of funds		EUR million	0	71.25	Q4	2022	Of the EUR 75 000 000 allocated to the measure, at least EUR 71 250 000 have been committed.	Federal Ministry for Digital and Transport (<i>BMDV</i>)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex a spreadsheet with at least the following information: (a) the official references of the decisions committing funds (b) the corresponding projects; (c) the amounts committed per decision.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each decision committing funds selected: (a) a description of the corresponding project; (b) a copy of the decision committing funds to the project showing the amount committed to the project.</p>
27	1.2.2 Funding for the development of electro-mobility	T	Expansion of municipal and commercial e-mobility fleets		Number of e-vehicles	0	4000	Q2	2024	Municipalities, companies and other eligible organisations have received funding commitments for at least 4 000 e-vehicles with support of the grant scheme.	Federal Ministry for Digital and Transport (<i>BMDV</i>)	For the purpose of these Operational Arrangements, the term ‘municipality, company, other eligible organisation’ covers legal entities under public and private law as well as individuals.	<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex a spreadsheet with at least the following information: (a) the official references of the decisions committing funding to the recipients; (b) a list of the recipients and their nature (municipality, company, other eligible organisation); (c) the number and type of vehicles supported by each decision.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each decision committing funding</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													selected: (a) a copy of the decision committing funding to the recipients; (b) proof that the funding decision only covers support for electric-powered vehicles.
28	1.2.2 Funding for the development of electro-mobility	T	Completion of electro-mobility preliminary designs		Number of completed electro-mobility preliminary designs	0	80	Q2	2024	At least 80 electro-mobility preliminary designs have been completed for municipalities, companies or other eligible organisations.	Federal Ministry for Digital and Transport (BMDV)	For the purpose of these Operational Arrangements, the term ‘municipality, company, other eligible organisation’ covers legal entities under public and private law as well as individuals.	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex a spreadsheet with at least the following information: (a) a list of all completed electro-mobility preliminary designs with their official references and the type of recipient (municipality, company, other eligible organisation). On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each preliminary design selected: (a) a description of the electro-mobility preliminary design and its recipient (municipalities, companies or other eligible organisations); (b) a copy of the electro-mobility preliminary design.
29	1.2.3 Support for the replacement of the private vehicle fleet	T	Support for the purchase of 240 000 electric vehicles		Number of e-vehicles purchased	0	240000	Q1	2021	Beneficiaries have received grant support for the purchase of a total of 240 000 electric vehicles on the basis of the amended funding guidelines that entered into force on 8 July 2020.	Federal Office for Economic Affairs and Export Control (BAFA)	For the purpose of these Operational Arrangements, beneficiaries shall be understood as recipients.	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the publication in the Federal Gazette (<i>Bundesanzeiger</i>) of the amended funding guideline and reference to the relevant provisions indicating its entry into force. (b) a copy of the relevant provision of the Administrative Procedure Act (<i>Verwaltungsverfahrensgesetz, VwVfG</i>) deeming an administrative act to be disclosed to the recipient and its entry into effect, and reference to the relevant provisions indicating its entry into force. This document shall also include as an annex a spreadsheet

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													<p>with at least the following information:</p> <p>(a) the official references of the grant decisions for the support of at least 240 000 vehicles;</p> <p>(b) the corresponding number of supported vehicles for each grant awarded;</p> <p>(c) the official reference of each vehicle purchased showing that the vehicle purchased is electric (zero-emission vehicles and plug-in hybrids emitting less than 50g CO2/km);</p> <p>(d) the date of deemed disclosure in accordance with the Administrative Procedure Act (<i>Verwaltungsverfahrensgesetz, VwVfG</i>).</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each grant decision selected:</p> <p>(a) a copy of the relevant grant decision supporting the purchase;</p> <p>(b) for each vehicle supported by the grant decision, a copy of a certificate or reference of type of the vehicle showing that the vehicle purchased is electric (consisting of zero emission vehicles and plug in hybrids emitting less than 50g CO2/km);</p> <p>(c) for each vehicle supported by the grant decision, a copy of the purchase contract for the vehicle.</p>
30	1.2.3 Support for the replacement of the private vehicle fleet	T	Support for the purchase of another 320 000 electric vehicles		Number of e-vehicles purchased	240000	560000	Q4	2022	Beneficiaries have received grant support for the purchase of a (cumulative) total of 560 000 electric vehicles on the basis of the amended funding guidelines that entered into force on 8 July 2020.	Federal Office for Economic Affairs and Export Control (BAFA)	For the purpose of these Operational Arrangements, beneficiaries shall be understood as recipients.	<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex a spreadsheet with at least the following information:</p> <p>(a) the official references of the additional grant decisions for the support of at least 320 000 additional vehicles;</p> <p>(b) the number of supported vehicles per grant awarded;</p> <p>(c) the official references of each vehicle purchased showing that the vehicle purchased is electric (zero emission vehicles and plug-in hybrids emitting less than 50g CO2/km);</p> <p>(d) the date of deemed disclosure in accordance with the Administrative Procedure Act (<i>Verwaltungsverfahrensgesetz, VwVfG</i>)</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each grant decision selected: (a) a copy of the relevant grant decision supporting the purchase; (b) for each vehicle supported by the grant decision, a copy of a certificate or reference of type of the vehicle showing that the vehicle purchased is electric. (consisting of zero emission vehicles and plug in hybrids emitting less than 50g CO2/km); (c) for each vehicle supported by the grant decision, a copy of the purchase contract for the vehicle.
31	1.2.4 Extension of the initial registration period for granting the ten-year tax exemption for purely electric vehicles	M	Entry into force of the Seventh Motor Vehicle Tax Amendment Act	Provision in the law indicating the entry into force of the Seventh Motor Vehicle Tax Amendment Act				Q4	2020	The amendment to the Motor Vehicle Tax Act to extend the initial registration period for e-vehicles to obtain the ten-year tax exemption has entered into force.	Federal Ministry of Finance (BMF)	For the purpose of the Operational Arrangements, in line with the RRP, the exemption may last up to ten years but shall end in 2030.	Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the publication in the Federal Law Gazette (<i>Bundesgesetzblatt</i>) of the Seventh Motor Vehicle Tax Amendment Act (<i>Siebttes Gesetz zur Änderung des Kraftfahrzeugsteuergesetzes</i>) and reference to the relevant provisions indicating its entry into force.
32	1.2.4 Extension of the initial registration period for granting the ten-year tax exemption for purely electric vehicles	M	Evaluation of the measure	The measure shall be evaluated five years after its entry into force, within the framework provided for in the Seventh Motor Vehicle Tax Amendment Act.				Q1	2026	The evaluation shall examine whether the vehicle tax bases is expected to continue to provide incentives for environmentally and climate-friendly mobility in the future. In particular, the data from the customs administration and the Federal Motor Transport Authority shall be used for this purpose (cf. BT-Drs.19/20978 p. 16). The evaluation shall be published.	Federal Ministry of Finance (BMF)		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the evaluation report; (b) a justification that the report examines whether the vehicle tax bases are expected to continue to provide incentives for environmentally and climate-friendly mobility in the future; (c) a justification that data from the customs administration and the Federal Motor Transport Authority (<i>Kraftfahrtbundesamt, KBA</i>) has been used for the report; (d) the link to the publication site of the report.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
33	1.2.5 Support for purchases of buses with alternative propulsion	M	Publication of funding guidelines	Publication in the Federal Gazette (<i>Bundesanzeiger</i>)				Q3	2021	The funding guidelines on the support scheme for the purchase of buses and coaches for passenger transport with alternative propulsion have been published in the Federal Gazette (<i>Bundesanzeiger</i>).	Federal Ministry for Digital and Transport (<i>BMDV</i>)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the publication in the Federal Gazette (<i>Bundesanzeiger</i>) of the funding guidelines and reference to the relevant provisions indicating their entry into force.</p>
34	1.2.5 Support for purchases of buses with alternative propulsion	T	Approval of applications		EUR million	0	1031	Q3	2025	Of the EUR 1 085 000 000 allocated to the measure, at least EUR 1 031 000 000 of bus purchase projects have been approved, enabling the orders of the corresponding buses.	Federal Ministry for Digital and Transport (<i>BMDV</i>)		<p>Summary document duly justifying how the target (including all its constitutive elements as, set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a confirmation that the approvals have enabled the orders of the corresponding buses.</p> <p>This document shall also include as an annex a spreadsheet with at least the following information:</p> <p>(a) official references of the decisions approving bus purchase project applications;</p> <p>(b) the monetary value of the corresponding grants approved.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each decision approving bus purchases selected:</p> <p>(a) a description of the bus purchase project;</p> <p>(b) a copy of the decision approving the funds for the project;</p> <p>(c) for each bus supported by the grant approval decision, documentary evidence on the make of the bus and a comparison with a list of available buses with alternative drives (see programme company NOW) showing that only buses with alternative propulsion have been approved, in line with description of the investment in the CID Annex.</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
35	1.2.5 Support for purchases of buses with alternative propulsion	T	Orders of buses with alternative propulsion		Number of buses ordered	0	2800	Q3	2026	At least 2 800 buses with alternative propulsion have been ordered with support from the scheme.	Federal Ministry for Digital and Transport (BMDV)	For the purpose of these Operational Arrangements, buses shall be ordered by means of binding awards from the recipient to manufacturers for the delivery of buses.	<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex a spreadsheet with at least the following information:</p> <p>(a) the official references of grant approval decisions for at least 2 800 buses;</p> <p>(b) the official references of the binding awards from the recipient to manufacturers for the delivery of buses specifying also the number and make of corresponding buses with alternative propulsion ordered.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each grant approval decision selected:</p> <p>(a) a copy of the grant approval decision;</p> <p>(b) a copy of the corresponding binding award from the recipient to manufacturers for the delivery of buses;</p> <p>(c) for each bus supported by the grant approval decision, documentary evidence on the make of the bus and a comparison with a list of available buses with alternative drives (see programme company NOW) showing that only buses with alternative propulsion have been ordered, in line with the description of the investment in the CID Annex.</p>
36	1.2.6 Support to promote alternative rail propulsion	M	Entry into force of the funding guidelines	Entry into force				Q1	2021	The funding guidelines for the grant scheme to promote alternative rail propulsion have entered into force enabling eligible organisations to submit applications.	Federal Ministry for Digital and Transport (BMDV)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the publication in the Federal Gazette (<i>Bundesanzeiger</i>) of the funding guidelines for the grant scheme to promote alternative rail propulsion and reference to the relevant provisions indicating their entry into force.</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
37	1.2.6 Support to promote alternative rail propulsion	T	Approval of applications		EUR million	0	215.65	Q3	2024	Of the EUR 227 000 000 allocated to the measure, at least EUR 215 650 000 of rail purchase projects have been approved, enabling the orders of the corresponding rail vehicles.	Federal Ministry for Digital and Transport (BMDV)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a confirmation that the approvals have enabled the order of the corresponding rail vehicles.</p> <p>This document shall also include as an annex a spreadsheet with at least the following information:</p> <p>(a) a list of the rail purchases projects including a unique identifier;</p> <p>(b) the official references of the decision approving the funding of the rail purchases projects;</p> <p>(c) the monetary value of the corresponding grant approved.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each project selected:</p> <p>(a) a copy of the application, including the rail project description;</p> <p>(b) a copy of the decision approving the rail project, enabling the orders of the corresponding vehicles, and its monetary value;</p> <p>(c) documentary proof that the rail project is in line with the description of the investment in the CID Annex.</p>
38	1.2.6 Support to promote alternative rail propulsion	T	Order of rail vehicles with alternative propulsion		Number of rail vehicles ordered	0	280	Q4	2024	At least 280 rail vehicles (locomotives) with alternative (to conventional diesel) propulsion have been ordered, with support from the scheme, as evidenced by binding awards by the beneficiary of contracts for the delivery of the vehicles with manufacturers.	Federal Ministry for Digital and Transport (BMDV)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) certification that all ordered rail vehicles use alternative (to conventional diesel) propulsion.</p> <p>This document shall also include as an annex a spreadsheet with at least the following information:</p> <p>(a) the official references of the binding contract awards</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													<p>by the beneficiary for the delivery of the vehicles with an indication of the manufacturers;</p> <p>(b) the official references of the decisions approving the funds for projects;</p> <p>(c) the corresponding number of ordered rail vehicles for each award;</p> <p>(d) a list of the official references of the binding awards by which the rail vehicles were purchased.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each binding award selected:</p> <p>(a) a copy of the binding award by the beneficiary of contracts for the delivery of the vehicles with manufacturers;</p> <p>(b) the corresponding rail project description;</p> <p>(c) a copy of the decision approving the rail project and the corresponding amount;</p> <p>(d) documentary proof that the technical specifications of the rail vehicles ordered are fully aligned with the description, criteria and conditions as set out in the description of the target and the description of the investment in the CID Annex.</p>
39	1.2.7 Promotion of the industries involved in hydrogen and fuel cell applications in transport	M	Entry into force of amendment extending existing supporting guidelines (<i>Förderrichtlinien</i>) of the National Hydrogen and Fuel Cell Technology Innovation Programme (NIP) (or if not sufficiently covered by existing supporting guidelines, entry into force of new supporting	Publication in Federal Gazette (<i>Bundesanzeiger</i>)				Q4	2021	The relevant funding guidelines in the National Hydrogen and Fuel Cell Technology Innovation Programme (NIP), currently limited to 30 June 2021, has been extended in time and this extension has entered into force. If planned projects under the measure are not sufficiently covered by existing supporting guidelines, separate supporting guidelines shall be adopted.	Federal Ministry for Digital and Transport (BMDV)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the publication in the Federal Gazette (<i>Bundesanzeiger</i>) of the provisions extending the validity of the funding guidelines in the National Hydrogen and Fuel Cell Technology Innovation Programme (NIP) and reference to the relevant provisions indicating their entry into force;</p> <p>(b) if planned projects under the measure are not sufficiently covered by existing supporting guidelines, a description of planned projects under the measure that are not sufficiently covered by existing supporting guidelines;</p> <p>(c) in case planned projects described in letter b) exist, copies of the new funding guidelines' publications in</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
			guidelines).										the Federal Gazette (<i>Bundesanzeiger</i>) and reference to the relevant provisions indicating their entry into force.
40	1.2.7 Promotion of the industries involved in hydrogen and fuel cell applications in transport	T	Approval of projects for the vehicle and supplier industry for hydrogen and fuel cell applications in transport		Number of approved projects	0	170	Q4	2025	At least 170 R&D and market activation projects for hydrogen and fuel cell applications in transport have been approved, enabling the start of the implementation of the funded projects.	Federal Ministry for Digital and Transport (<i>BMDV</i>)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements: (a) the technical specifications of the funding guidelines or of the call implementing the guidelines and an explanation that these technical specifications are fully aligned with the description of the investment in the CID Annex.</p> <p>This document shall also include as an annex a spreadsheet at least with the following information: (a) the official references of the decisions approving at least 170 projects; (b) a project description for the corresponding projects.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each decision approving a project selected: (a) a copy of the relevant abstracts from the application for support showing that the R&D and market activation project is aligned with the description of the target and of the corresponding measure in the CID Annex; (b) a copy of the decision approving the project.</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
41	1.2.7 Promotion of the industries involved in hydrogen and fuel cell applications in transport	M	Establishment of a Technology and Innovation Centre for Hydrogen Technology	At least partial start of operations of the centre				Q3	2026	The Technology and Innovation Centre shall be at least partially operational, while, for example, construction works may not have been completed. Partial operation of the centre guarantees that the actual support services to businesses and stakeholders may be provided.	Federal Ministry for Digital and Transport (BMDV)		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the report by the service provider certifying that the support services for development, certification and standardisation are being offered to businesses and stakeholders.
42	1.3.1 Support programme for the development of a climate-friendly timber construction sector	M	Funding guidelines on the promotion of climate-friendly timber construction	Publication in the Federal Gazette (<i>Bundesanzeiger</i>) and entry into force of the funding guidelines				Q1	2021	The guidelines have been published in the Federal Gazette (<i>Bundesanzeiger</i>), enabling companies and eligible organisations to apply for funding.	Federal Ministry of Food and Agriculture (BMEL)	For the purpose of these Operational Arrangements the application deadline for project owners shall be understood as mid-November 2021 to allow for the measure to be completed including applications being processed by 31 December 2021.	Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the publication in the Federal Gazette (<i>Bundesanzeiger</i>) of the funding guidelines and reference to the relevant provisions indicating their entry into force.
43	1.3.1 Support programme for the development of a climate-friendly timber construction sector	T	Approval of projects related to the development of climate-friendly timber construction		Number of approved projects	0	20	Q2	2022	At least 20 projects have been approved, enabling the beneficiaries to start their implementation.	Federal Ministry of Food and Agriculture (BMEL)	For the purpose of these Operational Arrangements, beneficiaries shall be understood as recipients.	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a spreadsheet containing a list of at least 20 approved projects with short project descriptions and an indication of the periods for implementation; (b) copies of the award/approval decisions; (c) copies of the relevant abstracts from the applications for support showing that each project description is aligned with the description of the target and of the corresponding measure in the CID Annex.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
44	1.3.2 Municipal living labs for the energy transition	T	Approval of 'living labs' projects	0	Number of approved projects	0	4	Q4	2023	At least four joint living labs projects have been approved through a grant decision, enabling the start of their implementation.	Federal Ministry for Economic Affairs and Climate Action (BMWK)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a spreadsheet containing:</p> <ul style="list-style-type: none"> (i) a list of at least four selected 'living labs' (<i>Reallabore</i>); (ii) the urban areas and partners collaborating in the respective projects; (iii) a short description for each of the respective 'living labs' (<i>Reallabore</i>), including how the projects reflect the description of the target and of the corresponding measure in the CID Annex; <p>(b) copies of the grant decisions to four selected 'living labs' (<i>Reallabore</i>).</p>
45	1.3.2 Municipal living labs for the energy transition	T	Completion of urban neighbourhood projects		Number	0	10	Q1	2026	Innovative installations for efficient and sustainable energy supply have been tested and are operational in 10 urban neighbourhoods. The 10 implemented neighbourhood projects demonstrably achieve a reduction in primary energy demand compared to conventional energy supply for buildings, thus contributing to decarbonisation in the building sector.	Federal Ministry for Economic Affairs and Climate Action (BMWK)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a list of the at least four municipal 'living labs' (<i>Reallabore</i>) that have been completed and of the ten urban neighbourhoods that those 'living labs' (<i>Reallabore</i>) cover;</p> <p>(b) copies of the energy balance reports issued by each 'living lab' (<i>Reallabor</i>) containing</p> <ul style="list-style-type: none"> (i) the technical specifications of the 'living lab' (<i>Reallabor</i>); (ii) a quantification of the reduction per neighbourhood in primary energy demand and carbon emissions that has been achieved compared to conventional energy supply for buildings; (iii) a statement that the 'living lab' (<i>Reallabor</i>) has been tested; <p>(c) a description by each 'living lab' (<i>Reallabor</i>) of the potential for replication of the innovative solutions;</p> <p>(d) copies of the certificates of completion demonstrating</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													that the 'living labs' (<i>Reallabore</i>) are operational, issued in accordance with the national legislation.
46	1.3.3 Building renovation: federal funding for energy-efficient buildings	M	Funding guidelines for the support of energy-efficient renovation of buildings	Publication of funding guidelines in the Federal Gazette (<i>Bundesanzeiger</i>)				Q3	2021	The guidelines have been published, enabling households and eligible organisations to apply for funding.	Federal Ministry for Economic Affairs and Climate Action (<i>BMWK</i>)		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, including an explanation on how the guidelines enable households and eligible organisations to apply for funding, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the publication in the Federal Gazette (<i>Bundesanzeiger</i>) of the funding guidelines and reference to the relevant provisions indicating their entry into force.
47	1.3.3 Building renovation: federal funding for energy-efficient buildings	T	Completion of energy-efficient renovations of 10 000 housing units.		Number of housing units renovated	0	10000	Q4	2024	At least 10 000 housing units have been renovated under the support scheme; the corresponding works have been fully carried out and the corresponding grants have been disbursed.	Federal Ministry for Economic Affairs and Climate Action (<i>BMWK</i>)		Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a description of the methodology used to compute primary energy demand savings; (b) a calculation of the average reduction in primary energy demand for the minimum 10 000 energy-efficient renovations showing that the renovation works have led to primary energy demand savings of at least 45%, in line with the measure description in the CID Annex. This document shall also include as an annex a spreadsheet with at least the following information: (a) the list of buildings altogether containing at least 10 000 renovated housing units; (b) per renovated building: (i) a unique identifier; (ii) the number of housing units which have been renovated under the scheme for which the corresponding works have been fully carried out; (iii) in line with the certificate of application (<i>Bestätigung zum Antrag, BzA</i>), the calculated absolute savings in annual primary energy demand,

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					Unit	Baseline	Goal	Q	Y				
													<p>the usable floor space, and the primary energy target value after renovation;</p> <p>(iv) the primary energy demand savings in percent;</p> <p>(v) an official reference of the payment transfer issued by the implementing institution (<i>KfW</i>) containing the unique identifier.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each building selected:</p> <p>(a) a copy of the certificate of application of renovation actions, issued in accordance with the national legislation, demonstrating the planned primary energy demand savings and targeted level of efficiency reached after renovation;</p> <p>(b) if applicable, a copy of the amended certificate of application of renovation actions, issued in accordance with the national legislation, demonstrating the planned primary energy demand savings and targeted level of efficiency reached after renovation;</p> <p>(c) a copy of the certificate of completion of renovation actions, issued in accordance with the national legislation, confirming that the planned primary energy demand savings and targeted level of efficiency have been reached after renovation;</p> <p>(d) a confirmation of the payment transfer issued by the implementing institution (<i>KfW</i>), with reference to the unique identifier.</p>
48	1.3.3 Building renovation: federal funding for energy-efficient buildings	T	Completion of energy-efficient renovations of a further 30 000 housing units		Number	10000	40000	Q2	2026	At least 40 000 housing units have been renovated under the support scheme; the corresponding works have been fully carried out and the corresponding grants have been disbursed.	Federal Ministry for Economic Affairs and Climate Action (<i>BMWK</i>)	For the purpose of these Operational Arrangements, energy-efficient renovation refers to renovation leading on average to primary energy demand savings of at least 45%.	<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a description of the methodology used to compute primary energy demand savings;</p> <p>(b) a calculation of the average reduction in primary energy demand for the minimum 40 000 energy-efficient renovations showing that the renovation works have led to primary energy demand savings of at least 45%, in line with the measure description in the CID Annex.</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													<p>This document shall also include as an annex a spreadsheet with at least the following information:</p> <p>(a) a list of buildings altogether containing at least 40 000 renovated housing units;</p> <p>(b) per renovated building:</p> <p>(i) a unique identifier;</p> <p>(ii) the number of housing units which have been renovated under the scheme for which the corresponding works have been fully carried out;</p> <p>(iii) in line with the certificate of application (<i>Bestätigung zum Antrag, BzA</i>), the calculated absolute savings of the annual primary energy demand, the usable floor space, and the primary energy target value after renovation;</p> <p>(iv) primary energy demand savings in percent;</p> <p>(v) an official reference of the payment transfer issued by the implementing institution (<i>KfW</i>) containing the unique identifier.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each building selected:</p> <p>(a) a copy of the certificate of application of renovation actions, issued in accordance with the national legislation, demonstrating the planned primary energy demand savings and targeted level of efficiency reached after renovation;</p> <p>(b) if applicable, a copy of the amended certificate of application of renovation actions, issued in accordance with the national legislation, demonstrating the planned primary energy demand savings and targeted level of efficiency reached after renovation;</p> <p>(c) a copy of the certificate of completion of renovation actions, issued in accordance with the national legislation, confirming that the planned primary energy demand savings and targeted level of efficiency have been reached after renovation;</p> <p>(d) a confirmation of the payment transfer issued by the implementing institution (<i>KfW</i>), with reference to the unique identifier.</p>
49	2.1.1 Innovative data policy for Germany	M	Start of projects	Start of all projects				Q4	2022	All projects and activities of the measure have started. Wherever relevant, selection procedures have been completed and	Federal Ministry of Education and		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
										selected projects have started.	Research (BMBF) / Federal Ministry of Food and Agriculture (BMEL) / Federal Chancellery (BKAmT)		appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a list of all projects, actions and activities identified in the CID Annex, with a short description of each of them; (b) a copy of the legal or administrative act or other official document on the completion of the selection procedure (wherever relevant) and the start of projects and activities; (c) copies of declarations by the entities responsible for the implementation that all projects and activities have started; (d) a short description of the actions taken to date.
50	2.1.1 Innovative data policy for Germany	T	Development of human resources and capabilities in federal ministries		Percentage of federal ministries with data units and internal data laboratories	0	95	Q3	2026	At least 95% of federal ministries have established a Chief Data Scientist unit or equivalent and an internal data laboratory	Federal Chancellery (BKAmT)	For the purpose of these Operational Arrangements, Chief Data Scientist unit should be understood as Chief Data Scientist role. For the purpose of these Operational Arrangements, data laboratory should be understood as a unit performing functions of a data laboratory irrespective of the name or title of that unit.	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a list of all federal ministries, indicating whether they have established a Chief Data Scientist role or equivalent and an internal data laboratory. If yes, a proof that a data laboratory and Chief Data Scientist role have been established; (b) for each concerned ministry: (i) a description of the position of the Chief Data Scientist role (or equivalent) in the ministry and the main attributes of this position; (ii) a description of the internal data laboratory (describing corresponding staff, facilities, and equipment).
51	2.1.1 Innovative data policy for Germany	T	Budget execution – disbursement of at least EUR 464 400 000 to the supported projects		EUR million	0	464.4	Q3	2026	Of the EUR 516 000 000 allocated to the measure, at least EUR 464 400 000 have been disbursed to envisaged projects and activities.	Federal Ministry of Education and Research (BMBF), Federal Ministry of Food and		Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex a spreadsheet with at least the following information:

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
											Agriculture (BMEL) / Federal Chancellery (BKAmt)		<p>(a) official references for the disbursements to projects and activities, clearly indicating the name of these projects/activities and the value of the disbursement</p> <p>(b) a short description of the projects and activities.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each disbursement selected:</p> <p>(a) a copy of the disbursement decision indicating the amounts disbursed per project and/or a proof of payment (corresponding, to the disbursement decisions where both exist);</p> <p>(b) a copy of official documentation setting out the project content.</p>
52	2.1.2 IPCEI Microelectronics and Connectivity	M	Content design of the planned IPCEI	Completion of national call for expression of interest process to identify projects in Germany				Q2	2021	The expression of interest procedure has been completed. Potential projects and project participants in Germany have been identified.	Federal Ministry for Economic Affairs and Climate Action (BMWK)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) copies of the identified project sketches, with evidence on the corresponding project participants.</p> <p>(b) a copy of the call for expression of interest and the subsequent written replies by the funding agency on behalf of the Federal Ministry for Economic Affairs and Climate Action (BMWK) to identified potential projects.</p>
53	2.1.2 IPCEI Microelectronics and Connectivity	T	Launch of first projects		Number of projects	0	10	Q4	2022	Ten grant decisions have been signed.	Federal Ministry for Economic Affairs and Climate Action (BMWK)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) copies of at least ten signed grant decisions already issued, including at least the names of the project participants,</p> <p>(b) descriptions of the corresponding projects.</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
54	2.1.2 IPCEI Microelectronics and Connectivity	T	Budget execution – disbursement of at least EUR 1 275 000 000 to the supported projects		EUR million	0	1275	Q3	2026	Of the EUR 1 500 000 000 allocated to the measure, at least EUR 1 425 000 000 have been committed (through signatures of grant decisions) and at least EUR 1 275 000 000 have been disbursed to projects.	Federal Ministry for Economic Affairs and Climate Action (BMWK)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex a spreadsheet with at least the following information:</p> <p>(a) a list of grant decisions signed, including for each of them their official reference, date of signature, the names of project participants, a brief description of the project and the budget committed, and, where applicable, the corresponding disbursements, their date and value.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each grant decision selected:</p> <p>(a) a copy of the signed grant decision and reference to the corresponding project(s);</p> <p>(b) if applicable, proof of payment or an official document certifying the amount disbursed per project.</p>
55	2.1.3 IPCEI Next Generation Cloud Infrastructure and Services (IPCEI CIS)	M	Launch of R&D&I projects	Signature of grant decisions for R&D&I projects				Q4	2022	The grant decisions have been signed for all R&D&I projects covered by the IPCEI State aid decision. The selection criteria have ensured that more than 50% of these projects address energy-efficiency as one of their key priorities and comply with the European Code of Conduct on Data Centre Energy Efficiency.	Federal Ministry for Economic Affairs and Climate Action (BMWK)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the selection criteria;</p> <p>(b) the list of grant decisions signed, including for each of them the date of signature, the names of project participants and a brief description of the projects (including an indication about the project's aspects related to energy-efficiency and the adherence to the European Code of Conduct on Data Centre Energy Efficiency where applicable);</p> <p>(c) copies of the grant decisions issued.</p>
56	2.1.3 IPCEI Next Generation Cloud	M	Completion of R&D&I projects and launch of	Publication of a report on the				Q4	2024	A report on the state of play of the initiative has been published.	Federal Ministry for	The report shall include a detailed review of the progress status of each	Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
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	Infrastructure and Services (IPCEI CIS)		large-scale piloting of use cases	state of play of the projects							Economic Affairs and Climate Action (BMWK)	project (both R&D&I projects and large-scale pilots) supported through the initiative with a description of the concrete outputs delivered to date and the way they contribute to the high-level objectives outlined in the plan.	measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the report on the state of play of the initiative. (b) an indication of where the report has been published, including, if applicable, a copy of a link to the corresponding website.
57	2.1.3 IPCEI Next Generation Cloud Infrastructure and Services (IPCEI CIS)	T	First industrial deployment of solutions developed under the measure.		Number of use cases addressed in large-scale pilots which are eventually addressed in first industrial deployments	0	1	Q3	2026	At least one of the use cases addressed in the large-scale piloting phase shall have been subject to a first industrial deployment.	Federal Ministry for Economic Affairs and Climate Action (BMWK)		Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a description of the industrial deployment of the project, with information about the participants, the scope, and the concrete results achieved; (b) a copy of the confirmation of works completion signed by the Federal Ministry for Economic Affairs and Climate Action (BMWK) and the project facilitator related to the deployment of the project; (c) official documentation related to the use cases addressed in the large-scale piloting deployments.
58	2.1.3 IPCEI Next Generation Cloud Infrastructure and Services (IPCEI CIS)	T	Budget execution – disbursement of at least EUR 637 500 000 to the supported projects	0	EUR million	0	637.5	Q3	2026	Of the EUR 750 000 000 allocated to the measure, at least EUR 712 500 000 have been committed (through signatures of grant decisions) and at least EUR 637 500 000 have been disbursed to projects. More than 50% of the funded projects addressed energy-efficiency as one of their key priorities and complied with the European Code of Conduct on Data Centre Energy Efficiency.	Federal Ministry for Economic Affairs and Climate Action (BMWK)		Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) for each project, if applicable, evidence showing that it adheres to the European Code of Conduct on Data Centre Energy Efficiency; (b) adherence to the Code of Conduct will be shown by either i. proof of the recipient's role as a participant of the European Code of Conduct on Data Centre Energy Efficiency, or

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													<p>ii. the recipient's declaration of adherence to the guidance and reporting form of the EU Code of Conduct on Data Centre Energy Efficiency (document status Q2 2026), with regard to their activities within the IPCEI-CIS.</p> <p>This document shall also include as an annex a spreadsheet with at least the following information:</p> <p>(a) the list of grant decisions issued in addition to those reported under target 55 with their official references, including for each of them the date of signature, the names of project participants, a brief description of project including its contribution to energy efficiency, the budget committed and corresponding projects, and, where applicable, the corresponding disbursements, their date and value.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each grant decision selected:</p> <p>(a) a copy of the signed grant decision and reference to corresponding project(s);</p> <p>(b) a copy/copies of the corresponding project proposal(s);</p> <p>(c) if applicable, proof of disbursement or an official document/official documents certifying the amount disbursed per project.</p>
59	2.2.1 Vehicle manufacturers/suppliers investment programme	M	Publication of all funding guidelines	Publication of the funding guidelines in the Federal Gazette (<i>Bundesanzeiger</i>)				Q1	2021	All the funding guidelines for the four types of support measures under the programme have been published in the Federal Gazette (<i>Bundesanzeiger</i>) and have become legally binding.	Federal Ministry for Economic Affairs and Climate Action (<i>BMWK</i>)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the publication in the Federal Gazette (<i>Bundesanzeiger</i>) of the funding guidelines and reference to the relevant provisions indicating their entry into force.</p>
60	2.2.1 Vehicle manufacturers/suppliers investment programme	T	Approval of projects		Number of projects approved	0	401	Q1	2023	At least 401 funding projects (for the three modules) have been approved and have received a support decision for implementation.	Federal Ministry for Economic Affairs and Climate	For the purpose of these Operational Arrangements, beneficiaries shall be understood as recipients.	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
											Action (<i>BMWK</i>)		<p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a confirmation by the Federal Ministry for Economic Affairs and Climate Action (<i>BMWK</i>) that no targeted support for fossil combustion engine technologies in the vehicle sector has been provided through any of the projects.</p> <p>This document shall also include as an annex a spreadsheet with at least the following information for at least 401 approved funding project that received a support decision for implementation, providing for each project:</p> <p>(a) its official reference and a description indicating the digital aspects of the project if relevant;</p> <p>(b) the identification of the module the project belongs to;</p> <p>(c) the name(s) of the recipient(s);</p> <p>(d) an explanation of the project's contribution to the climate objectives of the programme;</p> <p>(e) the date of the self-declaration by the recipients that no targeted support for fossil combustion engine technologies in the vehicle sector has been provided through the project, and the corresponding official project reference number;</p> <p>(f) the amount of the support as stated in the notification of approval and support decision;</p> <p>(g) the date of the recipient's acknowledgement of receipt. On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each project selected:</p> <p>(a) a copy of the submitted project proposal;</p> <p>(b) a copy of the approval and support decision for implementation;</p> <p>(c) a copy of the recipient's acknowledgement of receipt of the approval and support decision for implementation;</p> <p>(d) a copy of the self-declaration by the recipient that no targeted support for fossil combustion engine technologies in the vehicle sector has been provided through the project.</p>
61	2.2.1 Vehicle manufacturers/suppliers investment programme	T	Successful completion of projects		Number of projects successfully completed	0	531	Q3	2026	At least 531 funding projects approved between 2021 and 2026 have been successfully completed.	Federal Ministry for Economic Affairs and		Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
											Climate Action (BMWK)		<p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a confirmation by the Federal Ministry for Economic Affairs and Climate Action (BMWK) that no targeted support for fossil combustion engine technologies in the vehicle sector has been provided through any of the projects.</p> <p>This document shall also include as an annex a spreadsheet with at least the following information for each completed project:</p> <p>(a) its official reference and a description indicating the digital aspects of the project if relevant;</p> <p>(b) an identification of the module the project belongs to;</p> <p>(c) the name(s) of the recipient(s);</p> <p>(d) an explanation of the project's contribution to the climate objectives of the programme;</p> <p>(e) the date of the self-declaration by the recipients that no targeted support for fossil combustion engine technologies in the vehicle sector has been provided through the project and the corresponding official project reference number;</p> <p>(f) a description of the outcome of the project.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each project selected:</p> <p>(a) a copy of the certificate of completion of the project, including official reference of the project, issued in accordance with the national legislation;</p> <p>(b) a copy of the self-declaration by the recipient that no targeted support for fossil combustion engine technologies in the vehicle sector has been provided through the project.</p>
62	2.2.2 Federal programme 'Building further CET networks'	M	Publication of the funding guidelines	Publication of the funding guidelines in the Federal Gazette (<i>Bundesanzeiger</i>)				Q2	2020	The funding guidelines have been published in the Federal Gazette (<i>Bundesanzeiger</i>) and have become legally binding.	Federal Ministry of Labour and Social Affairs (BMAS)	For the purpose of these Operational Arrangements, „Building further CET Networks” shall be understood as „Continuing education and training networks (CET networks)”.	<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the publication in the Federal Gazette</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													(<i>Bundesanzeiger</i>) of the funding guidelines and reference to the relevant provisions indicating their entry into force.
63	2.2.2 Federal programme 'Building further CET networks'	T	Active participation of additional enterprises in CET networks		Number of additional enterprises participating in CET networks	0	200	Q4	2022	At least 200 additional enterprises participate in CET networks. These companies participate in the collection of training needs, the design of new training measures or modules and the use of proposed training measures or modules together with other companies (use of information and participation in events only shall not be considered as active participation). Only companies that have not already been designated as cooperation partners at the start of the respective skills alliance shall be taken into account for this target.	Federal Ministry of Labour and Social Affairs (BMAS)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a confirmation by the CET network offices that each of the enterprises listed in the spreadsheet referenced below participates in the CET network activities, in particular the collection of training needs, the design of new training measures or modules and the use of proposed training measures or modules together with other companies;</p> <p>(b) a confirmation by Federal Ministry of Labour and Social Affairs (BMAS) that none of these companies had already been designated as cooperation partners at the start of the respective CET networks and that the participation goes beyond the use of information and/or participation in events.</p> <p>This document shall also include as an annex a spreadsheet with at least the following information:</p> <p>(a) a list of at least 200 additional enterprises, properly identified (anonymised, if applicable), which are participating in CET networks, including an indication of the type of activity exercised in connection to the core activities of the CET networks (i.e. the collection of training needs, the design of new training measures or modules and the use of proposed training measures or modules together with other companies).</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each enterprise selected:</p> <p>(a) copies of documents such as written submissions, calls for expression of interest, notes, training material,</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													<p>participant lists of meetings or other available primary evidence supporting the fact that the enterprise participates in the core activities of the CET networks (i.e. the collection of training needs, the design of new training measures or modules and the use of proposed training measures or modules together with other companies)[*];</p> <p>(b) a copy of a document designating the company as cooperation partner of the CET network at the start of the project or other available primary evidence.</p> <p>[*]Note: The CET networks commenced their work between December 2020 and November 2021, while the majority had started by July 2021. The CET networks were informed about their obligation to provide the above-mentioned primary evidence only in September 2022. This delay in communication about the necessity to collect primary evidence might have effects on the availability of such primary evidence and may require the submission of alternative primary evidence.</p>
64	2.2.2 Federal programme 'Building further CET networks	T	Revision or redesign of training measures or sub-modules as a result of the work of the CET networks		Number of revised or redesigned training measures	0	60	Q4	2024	At least 60 training measures or sub-modules have been redesigned or revised, taking into account digital skills, which have been initiated or encouraged by CET networks or which take into account the results of the needs assessments carried out by the coordinating bodies of CET networks.	Federal Ministry of Labour and Social Affairs (BMAS)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements for each of at least 60 revised and redesigned training measures or sub-modules:</p> <p>(a) a brief description of the training measure or sub-module, identifying the redesign/revision;</p> <p>(b) a brief description of how it takes into account digital skills;</p> <p>(c) a confirmation that the training measure or sub-module was revised or redesigned as a consequence of the activities of the CET network (Yes/No answer);</p> <p>(d) an explanation of how it takes into account digital skills and an indication of whether the revision or redesign has been initiated or encouraged by CET networks or that it takes into account the needs identified by assessments of the coordinating bodies of CET networks;</p> <p>(e) an explanation of the methodology used as the basis to</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													<p>design/alter the training measure or sub-module (needs assessment, workshop, conversation, survey, basis of conducted external research, etc.);</p> <p>(f) a copy of a link or screenshot to public material of the training measure or sub-module (for example training programmes, flyers, website screenshots) or other available primary evidence reflecting the training measure / sub-module content prior to and after the redesign or revision;</p> <p>(g) where relevant, copies of documents reflecting the needs assessment carried out by CET networks for training measures / sub-modules or documents reflecting the decision-making process of how to revise training measures / sub-modules. Such documents can include written submissions, call for expression of interest, notes, training material, participants' lists of meetings, surveys or other available primary evidence.</p>
65	2.2.3 Digitalisation and Technology Research Centre of the Bundeswehr	T	Launch of research projects		Number of projects	0	68	Q1	2021	At least 68 funding grants have been signed and the corresponding 68 projects have received funding and may start their research activity.	dtec.bw / Universitäts of the Federal Armed Forces (<i>Universitäten der Bundeswehr</i>)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a list of the approved projects, with a short description of each project highlighting their digital aspects, including (for each project) the list of participants and the corresponding budget;</p> <p>(b) copies of the acknowledgements of receipt signed by the entity which has received the funding for the project;</p> <p>(c) a copy of the decree from the Federal Ministry of Defence (<i>BMVg</i>) to allocate the projects to the Universities of the Federal Armed Forces (<i>Universitäten der Bundeswehr</i>);</p> <p>(d) a copy of the decree from the Federal Ministry of Defence (<i>BMVg</i>) approving the business plan.</p>
66	2.2.3 Digitalisation and Technology Research Centre of the Bundeswehr	M	Report on research and transfer outputs	Publication of a report to Federal Ministry of Defence confirming				Q4	2023	A report to the Federal Ministry of Defence has been published, confirming the progress of the funded projects in terms of research outputs, cooperation, knowledge transfer and	dtec.bw / Universitäts of the Federal Armed Forces		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
				successful progress of projects						technology transfer with at least (overall): - 200 publications; - 70 collaborations initiated with other research institutes; - 30 collaborations initiated with industrial companies and startups; - 15 collaborations initiated with agencies of the Federal Armed Forces and the public administration; - 10 prototypes of mature technologies; and - 10 patent applications. Additionally, an external evaluation of the measure by the German Science Council has also been published.	(Universitäten der Bundeswehr)		This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the report to the Federal Ministry of Defence (BMVg) confirming the successful progress of the projects, highlighting their digital aspects, including notably: (i) the list and references of the publications resulting from the projects; (ii) the list, details, and scope of the collaborations initiated with other research institutes; (iii) the list, details and scope of the collaborations initiated with industrial companies and startups; (iv) the list, details and scope of the collaborations initiated with agencies of the Federal Armed Forces (Bundeswehr) and the public administration; (v) the list and the descriptions of the prototypes of mature technologies; (vi) the list and the references of the patent applications resulting from the projects; (b) a copy of or a link to the public external evaluation of the measure by the German Science and Humanities Council (Wissenschaftsrat), including recommendations.
67	2.2.3 Digitalisation and Technology Research Centre of the Bundeswehr	T	Continuation of projects		Number of projects assessed as progressing satisfactorily	0	40	Q2	2024	On the basis of an interim evaluation, at least 40 projects are considered as progressing satisfactorily and may continue their activities.	dtec.bw / Universitäts of the Federal Armed Forces (Universitäten der Bundeswehr)		Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) the list of selected projects to be continued; (b) a report to the Federal Ministry of Defence (BMVg) assessing the progress of each project and justifying that they are considered as progressing satisfactorily and may continue activities.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
68	2.2.3 Digitalisation and Technology Research Centre of the Bundeswehr	T	Budget execution – disbursement of EUR 700 000 000 to the supported		Funds paid to projects	0	700	Q3	2026	At least EUR 700 000 000 has been disbursed to projects supported through the measure.	dtec.bw / Universitäts of the Federal Armed Forces (<i>Universitäten der Bundeswehr</i>)	For the purpose of these Operational Arrangements, the quantitative indicator “Funds paid to projects” is calculated as “EUR million”.	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the decree from the Federal Ministry of Defence (<i>BMVg</i>) to allocate the projects to the Universities of the Federal Armed Forces (<i>Universitäten der Bundeswehr</i>); (b) a copy of the decree from the Federal Ministry of Defence (<i>BMVg</i>) approving the business plan; (c) copies of the acknowledgements of receipt signed by the entity which has received the funding for the project.
69	2.2.3 Digitalisation and Technology Research Centre of the Bundeswehr	M	Report on research and transfer outputs	Publication of a report to Federal Ministry of Defence confirming successful progress of projects				Q3	2026	A report to the Federal Ministry of Defence has been published, confirming the overall success of the funded projects in terms of research outputs, cooperation, knowledge transfer and technology transfer with at least (overall): - 400 publications; - 60 doctorates completed; - 100 collaborations initiated with other research institutes; - 70 collaborations initiated with industrial companies and startups; - 30 collaborations initiated with agencies of the Federal Armed Forces and the public administration; - 20 prototypes of mature technologies; - 20 patent applications; and - 10 start-up projects.	dtec.bw / Universitäts of the Federal Armed Forces (<i>Universitäten der Bundeswehr</i>)		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the report to Federal Ministry of Defence (<i>BMVg</i>) confirming the overall success of the funded projects in terms of research outputs, cooperation, knowledge transfer and technology transfer, highlighting their digital aspects, including notably: (i) the list and the references of the publications resulting from the projects; (ii) the list of completed doctorates, including title and short description of each thesis; (iii) the list of and details and scope, about the collaborations initiated with other research institutes; (iv) the list of and details and scope, about the collaborations initiated with industrial companies and startups; (v) the list of and details and scope, about the collaborations initiated with agencies of the Federal Armed Forces (<i>Bundeswehr</i>) and the public

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													<p>administration;</p> <p>(vi) the list and the descriptions of the prototypes of mature technologies;</p> <p>(vii) the list and the references of the patent applications resulting from the projects;</p> <p>(viii) the list and the description of startup projects;</p> <p>(b) a description of the main results and sustainability of the actions/projects/initiatives mentioned above.</p>
70	2.2.4 Promoting the digitalisation of railways by replacing conventional interlocking/fast-track programmes to speed up the roll-out of the 'Digital Rail Germany'	M	Signature of the financing agreement for the 'fast track' programme between the Federal Government and Deutsche Bahn AG	Signed financing agreement between the Federal Government and Deutsche Bahn AG				Q4	2020	The financing agreement between the Federal Government and Deutsche Bahn AG has been signed.	Federal Ministry for Digital and Transport (BMDV)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the signed financing agreement between the Federal Government and Deutsche Bahn AG, detailing the elements of the programme, including the amendment of 23.12.2021 to extend the project until end of 2022 due to unforeseeable reasons (working restrictions and delivery bottlenecks of components due to COVID-19 pandemic, flood disaster of July 2021).</p>
71	2.2.4 Promoting the digitalisation of railways by replacing conventional interlocking/fast-track programmes to speed up the roll-out of the 'Digital Rail Germany'	M	Interim report on implementation	Interim report submitted by <i>DB Netz AG</i> to the Federal Ministry for Transport and Infrastructures (<i>BMVI</i>) and the Federal Railway				Q2	2021	<i>DB Netz AG</i> has submitted a report to the Federal Ministry for Transport and Infrastructures (<i>BMVI</i>) and the Federal Railway Authority (<i>EBA</i>) on the implementation of the programme.	Federal Ministry for Digital and Transport (BMDV)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the interim report on the implementation of the programme, submitted by <i>DB Netz AG</i> to the Federal Ministry for Transport and Infrastructures (<i>BMVI</i>) and the Federal Railway Authority (<i>Eisenbahnbundesamt, EBA</i>);</p> <p>(b) a confirmation by the Federal Railway Authority</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
				Authority (EBA) on the implementation of the programme .									(Eisenbahnbundesamt, EBA) that the solutions developed through the programme will be upgradeable and compatible with the European Train Control System (ETCS).
72	2.2.4 Promoting the digitalisation of railways by replacing conventional interlocking/fast-track programmes to speed up the roll-out of the 'Digital Rail Germany'	T	Successful completion of pilot projects		Number of pilot projects completed	0	6	Q4	2021	Six pilot projects of the programme, aiming at developing solutions to replace old signal boxes and level crossing protection systems by security systems of the latest digital generation have been completed successfully, with validation in operational conditions for at least three of them, and validation in laboratory conditions for the others.	Federal Ministry for Digital and Transport (BMDV)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a list of all completed pilot projects with:</p> <p>(i) a description of each project, including the list of participants; the description shall notably explain how each project contributes to the development of solutions to replace old signal boxes and level crossing protection systems with security systems of the latest digital generation;</p> <p>(ii) copies of the certificates of completion and operation for at least three of them;</p> <p>(iii) copies of the certificates of completion and validation in laboratory for the others.</p>
72A	2.2.4 Promoting the digitalisation of railways by replacing conventional interlocking/fast-track programmes to speed up the roll-out of the 'Digital Rail Germany'	T	Successful completion of the final pilot project		Number of pilot projects completed	6	7	Q1	2023	The final pilot project of the programme has been completed successfully with validation in operational conditions.			<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a description of the project, including the list of participants; the description shall notably explain how the project contributes to the development of solutions to replace old signal boxes and level crossing protection systems with security systems of the latest digital generation;</p> <p>(b) a copy of the certificate of completion and operation for the project.</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
73	3.1.1 Investment programme for teacher devices	M	Administrative agreement	Conclusion of the administrative agreement between the Federal Government of Germany and the governing bodies at Länder level				Q1	2021	Publication in the Federal Gazette (<i>Bundesanzeiger</i>) of the administrative agreement between the Federal Government of Germany and the governing bodies at Länder level to implement this investment.	Federal Ministry of Education and Research (<i>BMBF</i>)	For the purpose of these Operational Arrangements, the provision of digital devices by schools is considered fulfilled also if the digital devices are provided by the school authorities (<i>Schulträger</i>).	Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the administrative agreement as published in the Federal Gazette (<i>Bundesanzeiger</i>) including reference to the relevant provision indicating that the provision of digital devices shall be ensured by schools; (b) an explanation of when the agreement is entering into force.
74	3.1.1 Investment programme for teacher devices	T	Disbursement of at least EUR 475 000 000 to the supported projects		EUR million	0	475	Q1	2022	Of the EUR 500 000 000 allocated to the measure, at least EUR 475 000 000 have been disbursed for the provision of digital equipment for teachers.	Federal Ministry of Education and Research (<i>BMBF</i>)	For the purpose of these Operational Arrangements, the provision of digital devices by schools is considered fulfilled also if the digital devices are provided by the school authorities (<i>Schulträger</i>).	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the disbursement decisions indicating the amount disbursed to the <i>Länder</i> and showing that the disbursement decisions relate to the provision of digital equipment for teachers; (b) a proof of the payments corresponding to the disbursement decisions.
75	3.1.1 Investment programme for teacher devices	M	Evaluation of changes in digital infrastructure and use of digital media in schools	Final evaluation report				Q4	2025	The evaluation report of the programme confirms that teachers have observed an improvement in the digital infrastructure available and the use of digital media in school.	Federal Ministry of Education and Research (<i>BMBF</i>)	For the purpose of these Operational Arrangements, the provision of digital devices by schools is considered fulfilled also if the digital devices are provided by the school authorities (<i>Schulträger</i>).	Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the evaluation report of the programme signed by an independent expert and the competent authority, targeting the investment programme for teacher devices. The report needs to demonstrate the improvement in the digital infrastructure available, including the teachers' observations thereof; the improvement in the use of digital media in schools, as well as that digital teaching and learning have become

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													feasible across schools in Germany, and that teachers were equipped with mobile digital devices on a lending basis.
76	3.1.2 Education platform	M	Entry into force of the funding guidelines for education platform prototypes and procurement launched	Publication of the funding guidelines and call for tenders in the Federal Gazette (<i>Bundesanzeiger</i>)				Q1	2022	Funding guidelines have entered into force for the development of three separate prototypes of the meta-platform on education, as well as for cross-compatible research projects, accessible by learners and teachers. Depending on the result of these projects, the key dimensions of the project specifications are clarified and the procurement procedure shall be launched.	Federal Ministry of Education and Research (<i>BMBF</i>)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the publication in the Federal Gazette (<i>Bundesanzeiger</i>) of the funding guidelines and reference to the relevant provisions indicating their entry into force;</p> <p>(b) copies of the final reports signed by an independent expert and the competent authority, with these reports covering each of the prototype projects, the cross-compatible research projects as well as key dimensions of the project specifications;</p> <p>(c) a copy of the publication of the public procurement call on the European Tenders Electronic Daily (TED) for development and programming services of the education platform.</p>
77	3.1.2 Education platform	M	Launch of the beta-version of the education platform	Launch of beta version of the platform on the website of the Federal Ministry of Education and Research (<i>BMBF</i>)				Q3	2023	A beta version of the education platform shall be online, with all services and functions that have been identified in the functional description as high priority by the Federal Ministry of Education and Research (<i>BMBF</i>). These functions include access for information, user profile, collaboration, identity and access management, chat-bot, workflows, inbox. The launch shall be accompanied by additional security and data protection audits and successful load tests.	Federal Ministry of Education and Research (<i>BMBF</i>)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the certificate of works completion signed by the contractor and the competent authority demonstrating the beta version has been launched and is online (including a copy of the link that provides access to the current version of the website), and proving its alignment with the description of the milestone and measure in the CID Annex in terms of functions and objectives of the platform;</p> <p>(b) a copy of the reports of security and data protection audits and of the load tests issued by an independent expert.</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
78	3.1.2 Education platform	M	Final evaluation report with a decision on the future of the education platform	Publication of the final evaluation report in the Federal Gazette (<i>Bundesanzeiger</i>)				Q3	2024	The final evaluation report of the education platform has been published, with an assessment confirming that the project was successful according to the project monitoring criteria. The project shall be successful if the continuation of the education platform is recommended or if it is established that services and functions of the prototypes shall be taken over and continued by other stakeholders on the basis of the results of the project.	Federal Ministry of Education and Research (<i>BMBF</i>)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <ul style="list-style-type: none"> (a) a copy of the decision of the Federal Government, represented by the Federal Ministry of Education and Research (<i>BMBF</i>), on the continuation of the education platform or on the continuation of its services and functions, explaining the modalities of this continuation; (b) a copy of the ex-ante monitoring criteria used to measure whether the project was successful; (c) a copy of the final evaluation report, signed by an independent expert and the competent authority, with reference to: <ul style="list-style-type: none"> (i) the sections of the report containing the assessment of the successful realisation of the project in light of the monitoring criteria; (ii) the section of the report explaining to what extent the education platform supports the constitution of an encompassing education area and to what extent it supports the development of competences by learners throughout their individual learning pathways by facilitating access to and engaging in learning pathways; (iii) the section of the report explaining how existing and new learning offers and learning materials are connected in the platform and how the included offers and learning materials were chosen; (iv) the section of the report summarising the preliminary user feedback, as well as evidence that the platform allowed broad and open access.
79	3.1.3 Educational centres of excellence	M	Entry into force of the first funding guidelines and call for tenders for a project-executing agency for the overall	Publication of the first funding guidelines in the Federal Gazette (<i>Bundesanzeiger</i>)				Q4	2021	Under the lead of the Federal Ministry of Education and Research (<i>BMBF</i>), the first funding guidelines have entered into force and have been published. A project-executing agency has been chosen based on applications received via a	Federal Ministry of Education and Research (<i>BMBF</i>)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
			programme	eiger) and publication of a call for tenders on an award platform.						public call for tenders on an award platform.			(a) a copy of the publication in the Federal Gazette (<i>Bundesanzeiger</i>) of the funding guidelines and reference to the relevant provisions indicating their entry into force; (b) a copy of the call for tenders launched for the selection of the project-executing agency; (c) a copy of the decision selecting the project-executing agency.
80	3.1.3 Educational centres of excellence	T	Approval of at least 45 research projects		Number of research projects approved and in progress	0	45	Q3	2022	At least 45 research projects have been approved by the project-executing agency and are in progress. Results have been published via the Federal Gazette (<i>Bundesanzeiger</i>) and the <i>BMBF</i> website.	Federal Ministry of Education and Research (<i>BMBF</i>)	For the purpose of these Operational Arrangements, Federal Gazette (<i>Bundesanzeiger</i>) shall be understood as the Federal catalogue of funds (<i>Förderkatalog</i>), where the publication has to take place, in addition to the <i>BMBF</i> website.	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a list of at least 45 approved research projects with indication of the project actors and recipients, timeline of the project and brief description of the subject of the research and how it relates to the objective of the measure; (b) a short description of the state of play of each project; (c) a copy of the approval decision by the project-executing agency for these projects; (d) a copy of the publication of results of the selection process in the Federal catalogue of funds (<i>Förderkatalog</i>) and the Federal Ministry of Education and Research (<i>BMBF</i>) website, indicating the links through which these are accessible.
81	3.1.3 Educational centres of excellence	M	Entry into force of three additional funding guidelines	Publication of the additional funding guidelines in the Federal Gazette (<i>Bundesanzeiger</i>)				Q3	2022	Under the lead of the Federal Ministry of Education and Research (<i>BMBF</i>), three additional funding guidelines, each of them with a specific thematic orientation, have entered into force and been published.	Federal Ministry of Education and Research (<i>BMBF</i>)		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the publication in the Federal Gazette (<i>Bundesanzeiger</i>) of the three additional funding guidelines and reference to the relevant provisions indicating their entry into force.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
82	3.1.3 Educational centres of excellence	T	Completion of research projects		Number of completed research projects	0	45	Q3	2026	At least 45 research projects have been completed, as evidenced by a final evaluation report that shall present the results of the supported research projects and demonstrate the added value for teacher training in digital and digitally supported teaching in each of the Länder. Results have been presented at a closing event and on the BMBF website.	Federal Ministry of Education and Research (<i>BMBF</i>)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the final evaluation report signed by the external evaluation agency and approved by the competent authority including:</p> <p>(i) a list of the supported research projects, clearly marking those that have been completed;</p> <p>(ii) a description of the results achieved by each supported research project;</p> <p>(iii) a demonstration of the added value that the projects have for teacher training in digital and digitally supported teaching in each of the Länder or the areas for improvement identified, highlighting the digital aspects;</p> <p>(b) a link to the page on the Federal Ministry of Education and Research (<i>BMBF</i>) website containing the results;</p> <p>(c) copies of recording and presentation materials evidencing that the results have been presented at the closing event.</p>
83	3.1.4 Modernisation of the Federal Armed Forces' educational and training facilities	M	Project contract signed	Project contract signed with the IT service provider				Q1	2021	The project contract for the initial phase for assessing the IT systems of the educational and training facilities of the Federal Armed Forces (Bundeswehr) has been signed between the Federal Office of Federal Armed Forces' Equipment, Information Technology and In-Service Support (<i>BBAA/INBw</i>), a civilian higher federal authority directly subordinate to the Federal Ministry of Defence (<i>BMVg</i>) and the IT provider, stipulating key steps in the future assessment work.	Federal Ministry of Defence (<i>BMVg</i>)	The contract shall contain the key assessment steps.	<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the signed contract with the provider for the assessment of the IT systems of the educational and training facilities of the Federal Armed Forces (<i>Bundeswehr</i>), including provisions on the key steps in the future assessment work of the IT systems of the educational and training facilities;</p> <p>(b) a spreadsheet with the list of the educational and training facilities to be analysed, specifying their names and addresses.</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
84	3.1.4 Modernisation of the Federal Armed Forces' educational and training facilities	T	Analysis of educational institutions and identification of their IT needs		Number of educational institutions fully analysed	0	60	Q1	2022	An assessment report has been adopted by the Federal Ministry of Defence (<i>BMVg</i>). This report shall demonstrate that the IT environments and needs of the 60 initially designated educational institutions have been analysed, and the needs and implementation possibilities have been identified.	Federal Ministry of Defence (<i>BMVg</i>)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the assessment report adopted by the Federal Ministry of Defence (<i>BMVg</i>) for the 60 initially designated educational institutions. The report shall demonstrate the analysis of the IT environments of each of the 60 initially designated educational institutions and identify for each of them their needs and implementation possibilities.</p>
85	3.1.4 Modernisation of the Federal Armed Forces' educational and training facilities	T	Completion of the modernisation of the 60 educational institutions		Number of educational institutions for which modernisation has been completed	0	60	Q1	2023	A final assessment report has been adopted by the Federal Ministry of Defence (<i>BMVg</i>). This report shall confirm that on the basis of the results of the analyses carried out on the 60 institutions, necessary implementing measures have been completed within the time and budgets available. The result of the process, the progress already achieved regarding training and education shall be demonstrated and the way forward for the following years shall be mapped out.	Federal Ministry of Defence (<i>BMVg</i>)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a spreadsheet listing the 60 educational institutions affected, the completed implementing measures for these institutions, the date of completion for each of those measures;</p> <p>(b) a copy of the final assessment report adopted by the Federal Ministry of Defence (<i>BMVg</i>). This report shall confirm that on the basis of the results of the analyses carried out on the 60 institutions, necessary implementing measures have been completed within the time and budgets available; demonstrate the result of the process and the progress already achieved regarding training and education and map out the way forward for the following years.</p>
86	4.1.1 Investment programme 'Childcare-financing' 2020/21: special fund 'Child Day-care Expansion'	M	Entry into force of the Childcare Financing Act and the Federal Financial Assistance Act and of the	Provision in the law indicating the entry into force of the Childcare				Q4	2020	Amendments to the Childcare Financing Act and the Federal Financial Assistance Act (<i>KitaFinHG</i>) for the extension of day-care for children have entered into force. The Länder have adopted the federal rules	Federal Ministry for Family Affairs, Senior Citizens, Women		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
			implementing regulations at Länder level	Financing Act and the Federal Financial Assistance Act as well as the Länder-specific implementing regulations						and made them more specific in their Länder regulations.	and Youth (BMFSFJ)/Länder		following documentary evidence and elements: (a) a copy of the publication in the Federal Gazette (<i>Bundesanzeiger</i>) of the amended Childcare Financing Act and the Federal Financial Assistance Act (<i>Gesetz über Finanzhilfen des Bundes zum Ausbau der Tagesbetreuung für Kinder, KitaFinHG</i>), with reference to the relevant provisions indicating their entry into force; (b) a list of the Länder-level implementing legislation that is critical for achieving the objectives described in the milestone and in the measure description in the CID Annex, with a reference to the relevant provisions indicating their entry into force; (c) copies of the Länder-level implementing legislation.
87	4.1.1 Investment programme 'Childcare-financing' 2020/21: special fund 'Child Day-care Expansion'	M	Publication of interim report in compliance with <i>KitaFinHG</i>	Publication of interim reports containing numerical evidence (funding, number of childcare places, number of subsidised equipment) in accordance with the legal provisions and the relevant coordination discussions between the federal government and the Länder.				Q4	2023	An interim report on approved and created childcare places and investments in equipment (§ 30 (2) and (3) <i>KitaFinHG</i>) has been published. The relevant Länder have reported to the federal government on the state of implementation, including on funding, number of childcare places, number of subsidised equipment, in accordance with the monitoring and guidance obligations.	Federal Ministry for Family Affairs, Senior Citizens, Women and Youth (BMFSFJ)/Länder	The report shall include numerical evidence on the use of funding, the number of childcare places created, the number of refurbished childcare places, the number of subsidised equipment provided, at Länder and at aggregated federal level.	Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the interim report on the implementation of the programme; (b) copies of the reports that the Länder submitted to the Federal Government on the implementation; (c) a spreadsheet specifying by Länder the names of the institutions benefitting from support, their address, the awarded funding, the number of childcare places created (and of these the number of childcare places refurbished), and the number of subsidised equipment.
88	4.1.1 Investment programme 'Childcare-financing' 2020/21: special fund 'Child Day-	T	Completion of all measures		Additional childcare places for children	0	90000	Q4	2025	The Länder have submitted their final report on implementation after completion of the checks on the use of funds. The report confirms that 90 000 newly funded childcare places for	Federal Ministry for Family Affairs, Senior Citizens,		Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
	care Expansion'									children prior to school entry have been created in child day-care facilities (<i>Kindertageseinrichtungen</i>) and child day-care services (<i>Kindertagespflege</i>) throughout Germany.	Women and Youth (<i>BMFSFJ</i>)/ Länder		This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the summary report of the final reports submitted by the Länder; (b) copies of the final reports submitted by the Länder, each of which shall contain a declaration that the checks on the use of funds have been performed; (c) a spreadsheet specifying by Länder the names of the institutions benefitting from support, their address, the awarded funding, the number of childcare places created (and of these the number of childcare places refurbished), and the number of subsidised equipment.
89	4.1.2 Social Guarantee 2021	M	Verification of the average social security contribution rate for year 2021	Total social security contribution rate calculated and it is established not having exceeded 40%				Q4	2021	The total social security contribution rate shall be calculated for year 2021 and it is established that this has not increased above 40%. The total social security contribution rate shall be calculated as the sum of the contribution rates for pensions, unemployment, long-term care (without childless supplement) and healthcare insurance including the average additional contribution rate under § 242a Social Code V (SGB V).	Federal Ministry of Finance (<i>BMF</i>), Federal Ministry of Labour and Social Affairs (<i>BMAS</i>), Federal Ministry of Health (<i>BMG</i>)	For the purpose of these Operational Arrangements, the calculation method shall clearly demonstrate that the total social security contribution rate has not increased above 40%.	Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the document setting out the method of calculation used for the applicable total social security contribution rate for 2021, showing that the total has not exceeded 40% (with an indication of the amounts used in the calculation and the sources of these amounts); (b) a copy of the publication in the Federal Law Gazette (<i>Bundesgesetzblatt</i>) of the Budget Law (<i>Gesetz über die Feststellung des Bundeshaushaltsplans für das Haushaltsjahr 2021, Haushaltsgesetz 2021</i>) providing evidence of the Federal Government support for social security funds for the year 2021, with reference to the relevant provisions indicating its entry into force; (c) a copy of section 242a of the Social Code V (SGB V) as published in the Federal Law Gazette (<i>Bundesgesetzblatt</i>); (d) a copy of the declaration on the calculation of social security contributions for 2021, as published in the Federal Gazette (<i>Bundesanzeiger</i>).

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
90	4.1.3 Apprenticeship support	M	Entry into force of the revised funding guidelines for the federal programme <i>Ausbildungsplätze sichern</i>	Publication of revised funding guidelines				Q2	2021	The revised funding guidelines covering the whole federal programme <i>Ausbildungsplätze sichern</i> have been published in the Federal Gazette (<i>Bundesanzeiger</i>), reflecting the cabinet decision taken on 17 March 2021.	Federal Ministry of Education and Research (BMBF)/ Federal Ministry of Labour and Social Affairs (BMAS)		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the publication of the revised funding guidelines in the Federal Gazette (<i>Bundesanzeiger</i>), showing when the call was open to applications; (b) a copy of the cabinet decision of 17 March 2021; (c) a short description of how and to what extent the revised funding guidelines reflect the cabinet decision of 17 March 2021.
91	4.1.3 Apprenticeship support	T	Outflow of support for the federal programme <i>Ausbildungsplätze sichern</i>		EUR million	0	652.5	Q4	2022	Of the EUR 725 000 000 allocated to the measure, at least EUR 652 500 000 have been disbursed under the programme.	Federal Ministry of Education and Research (BMBF)/ Federal Ministry of Labour and Social Affairs (BMAS)		Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex a spreadsheet with at least the following information: (a) complete list of disbursements with an official reference number, the disbursement's value and the corresponding number of apprentices covered; On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each disbursement selected: (a) a copy of the disbursement order proving the payment to the recipient in the context of the apprenticeship support scheme; (b) proof of payment (the "HKR"-bank statement or the accounting documents of the Federal Employment Agency (<i>Bundesagentur für Arbeit, BA</i>)) showing the transfer from the government (or the Federal Employment Agency's) bank account to the recipient's bank account.
92	4.1.3 Apprenticeship support	T	Award decisions on applications for the federal programme <i>Ausbildungsplätze</i>		Number of eligible applications having been awarded funding	0	70000	Q4	2022	At least 70 000 eligible applications have been awarded funding under the programme.	Federal Ministry of Education and Research	The target relating to eligible applications refer to the number of apprenticeship places covered in the award	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
			<i>e sichern</i>								(BMBF)/ Federal Ministry of Labour and Social Affairs (BMAS)	decisions.	<p>This document shall include as an annex a spreadsheet with at least the following information:</p> <p>(a) the list of the award decisions with their official reference, the type of recipient, the type of apprenticeship places, the number of apprentices supported.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each award decision selected:</p> <p>(a) a copy of the award decision;</p> <p>(b) a document evidencing the number of apprenticeship places supported within each supported recipient;</p> <p>(c) a copy of the application submitted.</p>
93	4.1.4 Educational support for students with a learning backlog	M	Agreement between the Federal Government and the Länder to provide learning support for learners with pandemic learning backlogs.	Länder and the Federal Government adopt the funding agreement				Q2	2021	The Federal Government and Länder have adopted the funding agreement setting out the conditions of funding learning support.	Federal Ministry of Education and Research (BMBF)/Länder	For the purpose of these Operational Arrangements, the funding agreement shall be understood as the political memorandum between the Federal Government and Länder (<i>Vereinbarung zur Umsetzung des „Aktionsprogramms Aufholen nach Corona für Kinder und Jugendliche“ für die Jahre 2021 und 2022 von Bund und Ländern</i>).	<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the publication in the Federal Law Gazette (<i>Bundesgesetzblatt</i>) of the relevant primary legislation, including reference to the provision on the entry into force;</p> <p>(b) a copy of the political memorandum between the Federal Government (<i>Bund</i>) and Länder setting out the conditions of funding learning support (<i>Vereinbarung zur Umsetzung des „Aktionsprogramms Aufholen nach Corona für Kinder und Jugendliche“ für die Jahre 2021 und 2022 von Bund und Ländern</i>).</p>
94	4.1.4 Educational support for students with a learning backlog	T	1 000 000 students have received learning support		Number of pupils receiving support under the programme	0	1000000	Q3	2022	At least 1 000 000 pupils have received learning support as part of the programme, as proved by the monitoring report.	Federal Ministry of Education and Research (BMBF)/Länder		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the monitoring report, as set out in the description of the target and of the corresponding measure in the CID Annex.</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
95	4.1.5 Digital Pension Overview	M	Entry into force of the Digital Pension Overview Act	Provision in the law indicating the entry into force of the law on the Digital Pension Overview.				Q1	2021	The law on the Digital Pension Overview (<i>RentÜG</i>) has been published in the Federal Gazette (<i>Bundesanzeiger</i>) and has entered into force.	Federal Ministry of Labour and Social Affairs (<i>BMAS</i>)	For the purpose of these Operational Arrangements, Federal Gazette (<i>Bundesanzeiger</i>) shall be understood as Federal Law Gazette (<i>Bundesgesetzblatt</i>).	Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the publication in the Federal Law Gazette (<i>Bundesgesetzblatt</i>) of the Digital Pension Overview Act (<i>RentÜG</i>) with reference to the relevant provisions indicating its entry into force.
96	4.1.5 Digital Pension Overview	M	Completion of the development and first operational phase.	The portal is available and has been tested in a first operational phase. The evaluation report on the first operational phase has been submitted by <i>ZfDR</i> to the steering committee for further discussion.				Q4	2023	The coordination body responsible for the digital pension overview (<i>ZfDR, Zentrale Stelle für die Digitale Rentenübersicht</i>) has provided an evaluation report according to § 6 (3) <i>RentÜG</i> of the first operational phase, assessing the achieved level of usability and implementability for pension providers. The report shall clearly identify possible actions for improvements and new functionalities to be further discussed in the steering committee.	Federal Ministry of Labour and Social Affairs (<i>BMAS</i>)		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the evaluation report, including an assessment of the achieved level of usability, frequency of use and implementability for pension providers and a description of the identified possible actions for improvements and new functionalities, as well as a proposal of the possible actions for improvements and new functionalities to be further discussed in the steering committee; (b) a copy of the link that provides access to the information portal.
97	4.1.5 Digital Pension Overview	M	Completion of the implementation of improvements deduced from practical experience during the first	Improvements and where appropriate new functionalities have been				Q1	2026	Following the submission of the evaluation report, concrete targets shall be established on the frequency of use and on the coverage of pension entitlements. The target on the frequency of use and the target on coverage on pension	Federal Ministry of Labour and Social Affairs (<i>BMAS</i>)		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the

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			operational phase.	implemented following the evaluation report and consultation with the steering committee. The Digital Pension Overview covers a majority of existing pension entitlements regarding those pension providers that are generally obligated to participate by law.						entitlements is either met by Q1 2026 or further action to improve user acceptance is taken such as adopting a regulation to set the reference date for the obligation for pension providers to participate in the Digital Pension Overview, covering pension providers who are required to provide annual benefit statements to their customers.			following documentary evidence and elements: (a) a copy of the report of the coordination body responsible for the digital pension overview (<i>Zentrale Stelle für die Digitale Rentenübersicht, ZfDR</i>) to the steering committee demonstrating the improvements and where appropriate new functionalities implemented following the evaluation report and consultation with the steering committee; (b) a copy of the link that provides access to the current version of the information portal, and a copy of previous versions of the information portal archived by digitally timestamped website screenshots showing the information portal before and after significant alterations, accompanied by other relevant documentation of the alteration; (c) a copy of the decision of the Federal Ministry of Labour and Social Affairs (<i>BMAS</i>) establishing targets on the frequency of use and on the coverage of pension entitlements; (d) a copy of the report of the coordination body responsible for the digital pension overview (<i>Zentrale Stelle für die Digitale Rentenübersicht, ZfDR</i>) to the steering committee demonstrating whether the frequency of use and the pension coverage target were met by Q1 2026, and if this would not be the case, this report shall demonstrate action to improve user acceptance such as adopting a regulation to set the reference date for the obligation for pension providers to participate in the Digital Pension Overview. The report shall be accompanied by copies of relevant pieces of primary evidence.
98	5.1.1 Strengthening of the digital and technical resources of the public health service	T	Comprehensive nationwide use of the German Electronic Reporting and Information System for Infection Protection (<i>Deutsches Elektronisches Melde- und Informationssystem</i>)		Percentage of public health offices using DEMIS	0	100	Q1	2021	The competent authorities of the Länder are using DEMIS to register persons in the context of SARS-CoV-2 and to discharge the reporting requirements under § 8 (1) (2) of the Infection Protection Law. [Gesetz zur Verhütung und Bekämpfung von Infektionskrankheiten bei Menschen (Infektionsschutzgesetz – IfSG), 20 July 2020 (<i>BGBI. I</i> p. 1045)]	Federal Ministry of Health (<i>BMG</i>)		Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex a spreadsheet with at least the following information: (a) a list of all public health offices (<i>Gesundheitsämter</i>) with the date on which the German electronic reporting and information system for infection control (<i>Deutsches Elektronisches Melde- und Informationssystem für den Infektionsschutz, DEMIS</i>)

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			em für den Infektionsschutz, DEMIS)										<p>was operational in the respective public health office.</p> <p>This document shall also include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the relevant legal bases, including subsections (1) (2) of section 8 of the Infection Protection Act (<i>Infektionsschutzgesetz, IfSG</i>).</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each public health office selected:</p> <p>(a) a copy of the certificate of completion of the <i>DEMIS</i> connection signed by the contractor;</p> <p>(b) an extract from the <i>DEMIS</i> database documenting the registration of notified cases in the context of SARS-CoV-2.</p>
99	5.1.1 Strengthening of the digital and technical resources of the public health service	T	Progress of public health offices towards digital maturity		Percentage	0	35	Q1	2024	At least 35% of public health offices have improved their digital maturity by at least two levels by the end of Q4 2023 in at least two categories in the employed digital maturity system, as compared to their digital maturity level of 2021.	Federal Ministry of Health (<i>BMG</i>)	For the purpose of these Operational Arrangements, public health offices shall be understood as public health offices that received a federal subsidy [as part of measure 5.1.1] for improving their digital maturity.	<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) the methodology used for the digital maturity classification of public health offices.</p> <p>This document shall also include as an annex a spreadsheet with at least the following information:</p> <p>(a) all funded public health offices with their official reference;</p> <p>(b) for the funded public health offices that have improved their digital maturity by at least two levels by the end of Q4 2023 in at least two categories, their digital maturity levels in all categories for both Q4 2021 and Q4 2023.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each funded public health office selected:</p> <p>(a) a copy of the certificates of the digital maturity categories, issued in accordance with national legislation, in Q4 2021 and Q4 2023 respectively;</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
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													(b) a copy of the application for funding; (c) a copy of the disbursement decision.
100	5.1.1 Strengthening of the digital and technical resources of the public health service	T	Progress of public health offices towards digital maturity		Percentage	35	70	Q3	2026	At least 70% of public health offices have improved their digital maturity by at least two levels by Q3 2026 in at least three categories in the employed digital maturity system, as compared to their digital maturity level of 2021.	Federal Ministry of Health (BMG)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex a spreadsheet with at least the following information:</p> <p>(a) listing of all funded public health offices with their official reference;</p> <p>(b) for the funded public health offices that have improved their digital maturity by at least two levels by Q3 2026 in at least two categories, their digital maturity levels in all categories for Q4 2021, Q4 2023 and Q3 2026.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each funded public health office selected:</p> <p>(a) a copy of the certificates of the digital maturity category, issued in accordance with national legislation, in Q4 2021 and Q3 2026 respectively;</p> <p>(b) a copy of the application for funding;</p> <p>(c) a copy of the disbursement decision.</p>
101	5.1.2 Programme to future-proof hospitals	T	Applications submitted to the Federal Office for Social Security for at least EUR 2 700 000 000		Volume of funding (in million euro) for applications submitted to the Federal Office for Social Security	0	2700	Q2	2022	Of the EUR 3 000 000 000 allocated to the measure, applications of at least EUR 2 700 000 000 in volume have been submitted to the Federal Office for Social Security for hospitals' projects under the Programme to future-proof hospitals by the deadline for the applications of 31 December 2021. By 31 March 2022, the Federal Office for Social Security shall publish the requested volume of funding.	Federal Ministry of Health (BMG)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the legal bases necessary for the establishment of the fund from which Länder shall receive financial support for their hospitals, including the Hospital Structural Fund Ordinance (<i>Krankenhausstrukturfonds-Verordnung, KHSFV</i>);</p> <p>(b) a copy of the publication of the requested volume of funding in accordance with Section 21(4) of the Hospital</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
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													<p>Structural Fund Ordinance (<i>Krankenhausstrukturfonds-Verordnung, KHSFV</i>).</p> <p>This document shall also include as an annex a spreadsheet with at least the following information:</p> <p>(a) the list of individual applications, including a unique identifier for each application, the name of the respective Federal State (<i>Land</i>), the subject of the application, the date of the application and the respective funding requested;</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each application selected:</p> <p>(a) a copy of the application for funding.</p>
102	5.1.2 Programme to future-proof hospitals	T	Increase in the digital maturity of at least 35% of hospitals		Percentage of hospitals with increased digital maturity	0	35	Q4	2023	At least 35% of the hospitals whose application for funding under the Programme to future-proof hospitals was approved have increased their digital maturity in at least two categories related to the Programme to future-proof hospitals by at least two digital maturity levels in the employed digital maturity system compared with the evaluation from 30 June 2021.	Federal Ministry of Health (<i>BMG</i>)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) the methodology used for the digital maturity classification;</p> <p>(b) a copy of the side letter issued by the assessing consortium confirming that the listed information on digital maturity levels under letter (b) below complies with the methodology under letter (a).</p> <p>This document shall also include as an annex a spreadsheet with at least the following information:</p> <p>(a) all hospitals, whose applications for funding were approved with their official references;</p> <p>(b) for all hospitals, whose applications for funding were approved and that have improved their digital maturity by at least two levels by Q4 2023 in at least two categories, their digital maturity levels in all categories for both June 2021 and Q4 2023;</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence</p>

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													shall be submitted for each funded hospital selected: (a) a copy of the funding approval of the Federal State (<i>Land</i>) to the hospital in accordance with Section 23(3) of the Hospital Structural Fund Ordinance (<i>Krankenhausstrukturfonds-Verordnung, KHSFV</i>); (b) a copy of the assessment result of the digital maturity categories respectively in June 2021 and Q4 2023.
103	5.1.2 Programme to future-proof hospitals	T	Implementation of at least 75% of the relevant digitalisation projects		Percentage of completed digitalisation projects	0	75	Q3	2026	At least 75% of the digitalisation projects which have received funding under the Programme to future-proof hospitals and which, if not fully implemented by 31 December 2024, would lead to financial reductions established under the Hospital Future Act [<i>Gesetz für ein Zukunftsprogramm Krankenhäuser (Krankenhauszukunftsgesetz – KHZG)</i> , 23 October 2020 (BGBl. I p. 2208)], have been fully implemented by 31 August 2026.	Federal Ministry of Health (<i>BMG</i>)		Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex a spreadsheet with at least the following information: (a) the hospitals that received funding and for each of them the digitalisation projects including their project identifier and information on the state of implementation of their digitalisation projects which, if not fully implemented by 31 December 2024, would lead to financial reductions, in August 2026. On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each hospital selected: (a) a copy of the funding approval of the Federal State (<i>Land</i>) to the hospital in accordance with Section 23(3) of the Hospital Structural Fund Ordinance (<i>Krankenhausstrukturfonds-Verordnung, KHSFV</i>); (b) a copy of the certificate of completion of the digitalisation projects, including a project identifier, issued in accordance with the national legislation; (c) a copy of the latest project report issued in accordance with national legislation, including a project identifier, of the Federal State (<i>Land</i>) proving that the grant funds have been used for the intended purpose in accordance with Section 25(1) numbers 1, 3 and 4 of the Hospital Structural Fund Ordinance (<i>Krankenhausstrukturfonds-Verordnung, KHSFV</i>).
104	5.1.3 Special programme to accelerate research and development of	M	Approval of a first vaccine against SARS-CoV-2 by the regulatory	Recommendation for authorisation by the European				Q4	2020	Approval recommended by the European Medicines Agency for a vaccine against SARS-CoV-2 developed by one of the three companies supported through	Federal Ministry of Education and Research		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
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	urgently needed vaccines against SARS-CoV-2		authority	Medicines Agency of a vaccine against SARS-CoV-2 developed by one of the three companies supported						measure 5.1.3.	(BMBF)		appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the document issued by the European Medicines Agency recommending the approval of a vaccine against SARS-CoV-2 developed by one of the three companies supported through measure 5.1.3; (b) a copy of the funding decision to the companies covered by measure 5.1.3. Footnote to be added: All passages relating to intellectual property and business secret information may be redacted.
106	5.1.3 Special programme to accelerate research and development of urgently needed vaccines against SARS-CoV-2	T	Disbursement of at least EUR 561 450 000 to vaccine research supported by this special programme		EUR million	0	561,45	Q3	2022	Of the EUR 591 000 000 allocated to the measure, at least EUR 561 450 000 (95% of the total funding) have been disbursed to the beneficiaries for vaccine research.	Federal Ministry of Education and Research (BMBF)	For the purpose of these Operational Arrangements, beneficiaries shall be understood as recipients.	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a breakdown of the funds disbursed per recipient; (b) proof of payment.
107	5.1.3 Special programme to accelerate research and development of urgently needed vaccines against SARS-CoV-2	M	End of programme	Completion and conclusive audit of the utilisation reports and of all final reports				Q4	2022	All final reports on the utilisation of funds have been submitted and audited.	Federal Ministry of Education and Research (BMBF)		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) copies of the final reports submitted on the utilisation of funds, in line with the description of the measure and the target in the CID Annex, in particular regarding the increase in production capacity and number of patients tested in clinical trials; (b) copies of the audit reports on all the final reports.
108	6.1.1 European identity ecosystem	T	Launch of one pilot project for digital hotel check-in		Number of hotels with digital check-in	0	100	Q3	2021	A pilot project has been put into operation, allowing employees of four large German companies to check-in digitally to three large German hotel chains, with at least 100 hotels participating. The pilot provides first technical components as well as insights	Federal Ministry of the Interior and Community (BMI)		Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements:

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										for the further development of the ecosystem.			(a) a spreadsheet identifying all hotels participating; (b) a copy of a report issued by an independent expert and adopted on behalf of the Federal Ministry of the Interior and Community (<i>BMI</i>) on the functionalities of the digital check-in system; (c) a description of the legal obligations (registration of over-night visitors, Sections 29 and 30 of the Federal Registration Act (<i>Bundesmeldegesetz, BMG</i>)) issued by the Federal Ministry of the Interior and Community (<i>BMI</i>); (d) a copy of the report issued by an independent expert and adopted on behalf of the Federal Ministry of the Interior and Community (<i>BMI</i>) with the insights for the further development of the ecosystem; (e) a copy of a signed certificate indicating that at least 100 participating hotels were connected productively with the system in Q3 2021 by the technical project leader.
109	6.1.1 European identity ecosystem	T	Completion of additional government-supported application cases in addition to the pilot hotel check-in.		Number of application cases	1	5	Q3	2022	Following the first pilot application case, the implementation of at least four additional application cases (such as opening of bank accounts online, access management, online conclusion of telephone contracts or opening of customer accounts in e-commerce) has been completed, each with at least 10 000 users. The application cases have been integrated into existing systems and, where necessary, new interfaces have been implemented.	Federal Ministry of the Interior and Community (<i>BMI</i>)		Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a list of at least four application cases, including a description of the functionalities, participating service providers, and a link to the online service for each application case; (b) for each application case, a copy of a user manual or similar document, such as a Software Development Kit (SDK), in line with the measure and target description; (c) for each application case, a copy of the certificate issued by the service provider on user numbers; (d) for the wider system, technical interface documentation and an open-source reference implementation including documentation in Git repositories in the latest version available at the time of the corresponding payment request.
110	6.1.1 European identity ecosystem	T	Provision of additional application cases beyond the pilots with little		Number of application cases	5	10	Q4	2024	The system has been further scaled up through the implementation of increasingly less government-supported application cases, and at least	Federal Ministry of the Interior and	For the purpose of these Operational Arrangements, initiatives or proprietary decentralised identity solutions shall be counted	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
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			or no government support for their implementation							ten application cases exist with at least 10 000 users each. At least two initiatives or proprietary decentralised identity solutions (such as proof of vaccination) are interoperable with the system.	Community (BMI)	as application cases.	<p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a list of at least ten application cases, including a description of the functionalities, participating service providers, and a link to the online service for each application case;</p> <p>(b) for each application case, a copy of a user manual or similar document, such as a Software Development Kit (SDK), in line with the measure- and target description;</p> <p>(c) for each application case, a copy of a certificate issued by the service provider on user numbers;</p> <p>(d) for at least two initiatives or proprietary decentralised identity solutions (such as proof of vaccination), a technical description detailing their interoperability with the system issued by the enterprise to which the operation of the <i>eID</i>-system was assigned, including a link to the online service;</p> <p>(e) where applicable, copies of the certificates of authorization of the implementing service provider;</p> <p>(f) a joint declaration by the private developer of each application case, initiative or proprietary decentralised identity solution and the government on the degree of government involvement in the development of the application;</p> <p>(g) for the wider system, a copy of the technical interface documentation and an open-source reference implementation including documentation in Git repositories in the latest version available at the time of the corresponding payment request.</p>
111	6.1.2 Digitalisation of the administration – implementation of the Online Access Act (OZG)	T	Completion of individual agreements between the lead department and the lead Land		Number of individual agreements	0	14	Q3	2021	At least 14 individual agreements to implement the Online Access Act have been concluded between the lead department and the lead federal state, in which the operational arrangements are defined. The implementation shall be in accordance with the one-for-all principle. The individual agreements provide the legal basis for cooperation and work-based implementation.	Federal Ministry of the Interior and Community (BMI)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) copies of the individual agreements concluded to implement the Online Access Act (<i>Onlinezugangsgesetz, OZG</i>) between the lead department and the leading Land in accordance with the one-for-all principle including a list of digital services affected, with the official references of the agreements.</p>

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112	6.1.2 Digitalisation of the administration – implementation of the Online Access Act (OZG)	T	Go-Lives of online access act service bundles (<i>Onlinezugangsgesetz-Leistungen</i>)		Number of online services going live	0	70	Q4	2021	At least 70 public service bundles are live (available online to the general public).	Federal Ministry of the Interior and Community (<i>BMI</i>)	For the purpose of these Operational Arrangements, available online to the general public shall be understood as being accessible online through a link.	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a list of the at least 70 service bundles that have gone live, stating: (i) the name of each service bundle; (ii) the go-live date for each service bundle; (iii) a copy of a link to each of the service bundles; (b) for each go-live date, a confirmation by the implementing Land and corresponding certification by the Federal Government.
113	6.1.2 Digitalisation of the administration – implementation of the Online Access Act (OZG)	T	Widespread digitalisation of federal administrative services as one-for-all services		Number of one-for-all online services going live	0	215	Q4	2022	At least 100 of the most important administrative services of the Länder are implemented nationwide as one-for-all services, as well as an additional 115 Federal Government services.	Federal Ministry of the Interior and Community (<i>BMI</i>)	For the purpose of these Operational Arrangements, “service”, as set out in the description of the target, shall be understood as equivalent to “service bundle” and (<i>OZG-Leistung</i>). For the purpose of these Operational Arrangements, a one-for-all service bundle (<i>einer-für-alle OZG-Leistung</i>) is implemented nationwide if it is available for use in at least 50% of the Länder. For the purpose of these Operational Arrangements, a “service bundle” (<i>OZG-Leistung</i>) shall be considered as one of the most important services of the Länder if it has been included into priority categories 1, 2, or 3 in the “Online Access Act implementation catalogue with service objects” (<i>OZG-</i>	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex a spreadsheet with at least the following information: (a) a list of the at least 100 administrative service bundles (<i>OZG-Leistungen</i>) of the Länder implemented nationwide as one-for-all services, stating per service bundle: (i) the name of the service bundle; (ii) the date when it was made available for subsequent use in its current version; (iii) the number of Länder in which the service bundle is implemented as one-for-all service bundle in its current version; (iv) the maturity level of the <i>LeiKa</i> -services (<i>LeiKa-Leistungen</i>) digitally available specifying the digital availability of these services, including an indication whether service users are able to initiate, sign (where signature is required) and submit their application digitally, and whether they are not asked to provide supporting evidence offline, and copies of links proving this availability, in line with the Online Access Act (<i>Onlinezugangsgesetz, OZG</i>); (v) if available at maturity level 2, for supporting

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
												<p><i>Umsetzungskatalog mit Leistungsobjekten</i>).</p> <p>For the purpose of these Operational Arrangements, a one-for-all service bundle (<i>einer-für-alles OZG-Leistung</i>) is a service variant that is developed by one Land or a group of Länder and can then be adopted by other Länder.</p> <p>For the purpose of these Operational Arrangements, a service bundle (<i>OZG-Leistung</i>) shall be considered implemented if all <i>LeiKa</i>-services (<i>LeiKa-Leistungen</i>) of the service bundle (<i>OZG-Leistung</i>)'s reference implementation (<i>Referenzimplementierung</i>) scope are digitally available.</p> <p>For the purpose of these Operational Arrangements, a <i>LeiKa</i>-service (<i>LeiKa-Leistung</i>) shall be considered digitally available in line with the Online Access Act (<i>Onlinezugangsgesetz, OZG</i>) and maturity model version 1.1 if the <i>LeiKa</i>-service (<i>LeiKa-Leistung</i>) has a maturity level (<i>Reifegrad</i>) 3 or maturity level 2 when service users are able to initiate, sign (where signature is required) and submit their application digitally and they are not</p>	<p>evidence that has to be provided offline a justification based on domestic legislation;</p> <p>(b) a list of the additional 115 Federal Government service bundles (<i>OZG-Leistungen</i>), stating per service bundle:</p> <p>(i) the name of the service bundle;</p> <p>(ii) the date when it became available to the general public in its current version;</p> <p>(iii) the maturity level of the <i>LeiKa</i>-services (<i>LeiKa-Leistungen</i>) digitally available specifying the digital availability of these services, including an indication whether service users are able to initiate, sign (where signature is required) and submit their application digitally, and whether they are not asked to provide supporting evidence offline, and copies of links proving this availability, in line with the Online Access Act (<i>Onlinezugangsgesetz, OZG</i>);</p> <p>(iv) if available at maturity level 2, a justification based on domestic legislation as to why supporting evidence has to be provided offline;</p> <p>(c) a copy of the list "Online Access Act implementation catalogue with service objects" (<i>OZG Umsetzungskatalog mit Leistungsobjekten</i>) in the latest version available at the time of the payment request, including:</p> <p>(i) an indication of the scope of the reference implementation (<i>Referenzimplementierung</i>) and the complete list of <i>LeiKa</i>-services (<i>LeiKa-Leistungen</i>) for each service bundle (<i>OZG-Leistung</i>);</p> <p>(ii) whether it is a service bundle (<i>OZG-Leistung</i>) of the Länder or of the Federal Government;</p> <p>(iii) if the service bundle (<i>OZG-Leistung</i>) was developed by the Länder, the name of the Land/Länder which developed the one-for-all service bundle version and the service bundle's assigned priority category;</p> <p>(iv) if the service bundle (<i>OZG-Leistung</i>) was developed by the Federal Government, the name of the implementing authority.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted:</p> <p>(a) for each of the one-for-all service bundles (<i>OZG-Leistungen</i>) of the Länder selected,</p> <p>(i) where the service bundle (<i>OZG-Leistung</i>) is</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
												<p>asked to provide supporting evidence offline, unless the provision of supporting evidence offline is mandatory in accordance with the domestic legal framework. In both cases, evidence of the digital availability of the <i>LeiKa</i>-service (<i>LeiKa-Leistung</i>) shall be provided, and in case of maturity level 2 this shall be accompanied also by a description of what is lacking to reaching maturity level 3.</p>	<p>accessible through multiple websites, a copy of the certificate of operability by one developer Land signed also by the Federal Ministry of the Interior and Community (<i>BMI</i>) certifying the nationwide rollout of the one-for-all service bundle (<i>einer-für-alle OZG-Leistung</i>) in its current version, the maturity level, the date when it was made available for subsequent use in its current version, the full list of implementing authorities, and containing the links to the service bundle (<i>OZG-Leistung</i>)'s landing pages for at least one implementing authority per Land; or</p> <p>(ii) where the service is accessible through one central website,</p> <p style="padding-left: 40px;">(ii.i) a copy of the certificate of operability by one developer Land signed also by the Federal Ministry of the Interior and Community certifying the nationwide rollout of the one-for-all service bundle (<i>einer-für-alle OZG-Leistung</i>) in its current version, the maturity level, and the date when it was made available for subsequent use in its current version;</p> <p style="padding-left: 40px;">(ii.ii) the link to the subpage of the service bundle (<i>OZG-Leistung</i>) where all authorities in which the service bundle can be used are listed and interlinked; and</p> <p>(iii) if applicable, the archived previous version of the service bundle (<i>OZG-Leistung</i>);</p> <p>(b) for each of the Federal Government service bundles (<i>OZG-Leistungen</i>) selected,</p> <p style="padding-left: 20px;">(i) the link to the service bundle (<i>OZG-Leistung</i>);</p> <p style="padding-left: 20px;">(ii) for the go-live date, the release certificate of the implementing authority or certificate of completion by the implementing authority;</p> <p style="padding-left: 20px;">(iii) the certification of the maturity level for each of the <i>LeiKa</i>-services (<i>LeiKa-Leistungen</i>) implemented in line with the Online Access Act (<i>Onlinezugangsgesetz, OZG</i>) by the implementing authority;</p> <p style="padding-left: 20px;">(iv) if applicable, the archived previous version of the service bundle (<i>OZG-Leistung</i>);</p> <p>(c) for each justification based on domestic legislation, references to the legal basis.</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
114	6.1.3 Digitalisation of the administration – modernisation of registers	M	Completion of pilot projects to test pilot registers	End of pilot and assessment document compiled				Q4	2023	Completion of a pilot project to test pilot registers, in accordance with the implementation of the Identification Number Act [<i>Identifikationsnummerngesetz</i> , 28 March 2021 (<i>BGBI. I</i> p. 591)] and the Register Modernisation Act [<i>Registermodernisierungsgesetz</i> , 28 March 2021 (<i>BGBI. I</i> p. 591)].	Federal Ministry of the Interior and Community (<i>BMI</i>)		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the assessment document of the pilot, verified by the authorities implementing the register modernization, the Federal Office of Administration (<i>Bundesverwaltungsamt, BVA</i>) and the Federal Central Tax Office (<i>Bundeszentralamt für Steuern, BZSt</i>), including identification of the registers concerned and description of the project; (b) a copy of the certificate of works completion of the pilot project signed by the contractor and the competent authority demonstrating that the project has been completed and is operational.
115	6.1.3 Digitalisation of the administration – modernisation of registers	M	Completion of the implementation of the uniform architecture for the advancement of the only-once principle	Central architectural components are ready to be connected to proprietary registers				Q4	2023	The standardised technical architecture is ready to be connected with priority registers for the implementation of the once-only principle. The legal bases for connecting priority registers shall be in place. Governance (multi-project management) to control the connection across registers shall be in place.	Federal Ministry of the Interior and Community (<i>BMI</i>)	As set out in the CID Annex, a register modernisation authority (<i>Registermodernisierungsbehörde</i>) is to be established to provide multi-project management to control the connection across registers.	Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the relevant legal bases in place for connecting priority registers; (b) a copy of the certificate of works completion of the central architectural components signed by the contractor and the competent authority demonstrating that the components are ready to be connected to proprietary registers and for implementation of the once-only principle; (c) a copy of the certificate signed by the contractor and the competent authority demonstrating that the register modernisation authority (<i>Registermodernisierungsbehörde</i>) has been established, detailing its ability to provide multi-project management.

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
116	6.1.3 Digitalisation of the administration – modernisation of registers	T	Priority connection of user-based registers to the once-only target architecture		Number of priority registers with once-only implementation	0	18	Q4	2025	At least 18 of the prioritised registers are connected to a single infrastructure to implement the once-only principle.	Federal Ministry of the Interior and Community (BMI)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a description issued by the Federal Ministry of the Interior and Community (BMI) which registers have been connected and how the once-only principle has been put in practice for those registers;</p> <p>(b) a copy of the certificate of completion of works signed by the contractor and the competent authority demonstrating for each of the prioritised registers that they are connected to a single infrastructure to implement the once-only principle.</p>
117	6.2.1 Joint programme of the Federal Government and the Länder for an efficient administration that benefits citizens and businesses	M	First progress report for the Conference of Minister-Presidents (MPK)	First progress report published				Q2	2021	<p>The first report to the heads of government of the Federal Government and the Länder has been published and shall encompass a list of those measures from the Federal/Länder programme of measures which shall be further examined and processed. The starting point of the report are the following eleven areas of action:</p> <ul style="list-style-type: none"> —Accelerating the outflow of grants; —Identifying obstacles to the outflow of grants and reporting them to the Federal Ministry of Finance; —Improving the financial support of municipalities; —Streamlining and making grants from the Federal Government to the Länder and municipalities as uniform as possible; —Improving transfer of business ownership through a dedicated 	Federal Ministry of Justice (BMJ)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the first progress report published and the link to the website where it can be accessed;</p> <p>(b) an excerpt from the progress report which lists the eleven areas of action flagged as relevant in the milestone description;</p> <p>(c) a copy of the decision establishing the working group comprised of the federal level and the Länder.</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
										task force; —Revising the <i>Musterbauordnung</i>); —Strengthening planning and approval authorities; —Improving recruitment of skilled staff and ensuring an improved staffing situation; —Accelerating planning, in particular rail, local public and private transport; — Streamlining the consultation process and public participation procedures and simplifying participation through digitalisation; —Further accelerating planning and approval processes.			
118	6.2.1 Joint programme of the Federal Government and the Länder for an efficient administration that benefits citizens and businesses	M	Second progress report for the Conference of Minister-Presidents	Second progress report published				Q2	2022	The published progress report shall identify the measures that shall be implemented under the leadership of the Federal Government and/or the Länder. The progress report shall contain the following elements: The name of the measure; status (started, completed, not yet started); next milestone; expected end date.	Federal Ministry of Justice (BMJ), State Ministry Baden-Württemberg	For the purpose of these Operational Arrangements, the identification of measures that shall be implemented shall be understood as referring only to measures related to the eleven areas of action listed under milestone 117 of the CID Annex.	Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the second progress report; listing all measures to be implemented with respect to the eleven areas of action identified as relevant to the Recovery and Resilience Plan, including their status (started, completed, not yet started), next milestones, a brief description how the measure will address identified problems, measurable deliverables, and the expected end date; (b) if applicable, a published specification or addendum to the second progress report detailing identified measures with respect to the eleven areas of action.
119	6.2.1 Joint programme of the Federal Government and the Länder for an efficient administration	T	Completion of measures in the progress report		Percentage of measures completed	0	80	Q1	2025	Completion of the implementation of at least 80% of the measures identified in the second progress report.	Federal Ministry of Justice (BMJ), State Ministry Baden-	For the purpose of these Operational Arrangements, the “completion of the implementation of at least 80% of the measures identified in the second progress report” shall be	Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
	that benefits citizens and businesses										Württemberg (Staatsministerium Baden-Württemberg)	understood as completing the implementation of at least 80% of the measures identified for milestone 118.	following documentary evidence and elements: (a) primary evidence of completion of the identified measures, proving the completion of the deliverables as described in the second progress report.
120	6.2.2.1 Expansion of consulting services of PD: Effective Funding Support Management	M	Start of PD consulting services for selected funding programmes	Agreement with the federal ministries on selection of funding programmes				Q4	2022	Suitable funding programmes have been identified by PD jointly with the relevant federal ministries, and the consulting project to improve the calibration of these funding programmes to the needs of the recipients has started.	Federal Ministry of Finance (BMF)		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a list of the identified funding programmes; (b) a copy of a joint statement signed by the authority receiving the consultancy service and issued by the contractor confirming the start of the consultations, including a description of the consulting project, and proving that federal ministries took part in the identification of suitable funding programmes.
121	6.2.2.1 Expansion of consulting services of PD: Effective Funding Support Management	T	Consultations carried out		Number of consultations carried out	0	100	Q3	2024	100 consultations with funding programme beneficiaries, which may also be part of a more encompassing investment advisory service, have been completed or are in the process of being carried out.	Federal Ministry of Finance (BMF)		Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex a spreadsheet with at least the following information: (a) a list of the consultations with a unique project identification reference, indicating: (i) the funding programme beneficiary; (ii) the status of the consultation (“completed” or “in the process of being carried out”) (iii) a short description of what is covered by the consultation; (iv) whether the consultations are part of a more encompassing advisory service. On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each consultation selected: (a) where completed, a copy of the certificate of concluded

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													consultation on the outcome of the individual consultation issued by the contractor and signed by the authority receiving the consultancy service, indicating what was covered in the consultation; (b) where in the process of being carried out, a copy of the certificate of the start of the consultations with funding programme beneficiaries issued by the contractor and signed by the authority receiving the consultancy service, indicating what is covered in the consultation.
122	6.2.2.1 Expansion of consulting services of PD: Effective Funding Support Management	T	Concepts for revision of funding programmes developed		Number of revision concepts	0	4	Q3	2024	Revision concepts have been developed for four funding programmes which also contain insight to inform the design of other programmes.	Federal Ministry of Finance (BMF)		Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) copies of the four revision concepts developed for funding programmes in line with the description of the target.
123	6.2.2.1 Expansion of consulting services of PD: Effective Funding Support Management	M	Information dissemination on lessons learned	Funding Guide of the Federal Ministry of Finance published				Q3	2026	Publication of a Federal Ministry of Finance Funding Guide on how to design public funding programmes for public infrastructure measures, to enable an improved outflow of funds.	Federal Ministry of Finance (BMF)		Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex at least the following documentary evidence and elements: (a) a copy of the Funding Guide (<i>Förderleitfaden</i>) published by the Federal Ministry of Finance (BMF); (b) a link to the website where the Funding Guide can be accessed.
124	6.2.2.1 Expansion of consulting services of PD: Effective Funding Support Management	T	Consultations carried out		Number of consultations carried out	100	400	Q3	2026	At least 400 consultations with funding programme beneficiaries, which may also be part of a more encompassing investment consulting project, have been completed or are in the process of being carried out (target includes consultations completed as set out in target 121).	Federal Ministry of Finance (BMF)		Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence. This document shall include as an annex a spreadsheet with at least the following information: (a) a list of the consultations with their unique project identification reference, indicating: (i) the funding programme beneficiary;

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													<p>(ii) the status of the consultation (“completed” or “in the process of being carried out”);</p> <p>(iii) whether the consultations are part of a more encompassing advisory service.</p> <p>On the basis of a sample that may be selected by the Commission, at least the following documentary evidence shall be submitted for each consultation selected:</p> <p>(a) where completed, a copy of the certificate of concluded consultation on the outcome of the individual consultation issued by the contractor and signed by the authority receiving the consultancy service, also indicating the content of the consultation;</p> <p>(b) where in the process of being carried out, a copy of the certificate of the start of the consultation with funding programme beneficiaries issued by the contractor and signed by the authority receiving the consultancy service, also indicating the content of the consultation.</p>
125	6.2.2.2 Expansion of consulting services of PD: School IT consultancy	T	Roll-out and pilot consulting projects on school IT		Number of consulting projects carried out	0	5	Q4	2022	At least five consulting projects for school authorities on school IT have started.	Federal Ministry of Finance (BMF)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) statements (a copy of the certificate of start of the consultation) issued by the contractor and signed by the authorities receiving the consultancy service confirming that at least five IT consulting projects for school authorities have started, including a brief description of each project.</p>
126	6.2.2.2 Expansion of consulting services of PD: School IT consultancy	M	Development of model concepts	Model IT concept				Q3	2024	A model IT concept and implementation programme have been developed as evidenced by corresponding PD project deliverables.	Federal Ministry of Finance (BMF)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the model IT concept and implementation programme;</p> <p>(b) copies of the certificates of works completion issued by the contractor and signed by the competent authority</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
													demonstrating that projects have been completed and are operational.
127	6.2.2.2 Expansion of consulting services of PD: School IT consultancy	T	School IT consulting projects		Number of consulting projects carried out	5	50	Q3	2024	A total of 50 school authorities' consultations on school IT, which may be part of a more encompassing investment consulting project, have been completed or are in the process of being carried out (target includes the previous target).	Federal Ministry of Finance (BMF)		<p>Summary document duly justifying how the target (including all its constitutive elements, as set out in the description of the target and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a list of the school authorities consulted and the status of the projects ("completed" or "in the process of being carried out"), including the number of schools under each school authority;</p> <p>(b) where completed, a copy of the individual progress outcome certificate of concluded consultation for each school authority consultation, also indicating the content of the consultation, issued by the contractor and signed by the authority receiving the consultancy service;</p> <p>(c) where in the process of being carried out, a copy of the certificate of start of the consultation with each school authority, also indicating the content of the consultation, issued by the contractor and signed by the authority receiving the consultancy service.</p>
128	6.2.3 Acceleration of planning and approval procedures in the transport sector	M	Entry into force of the Investment Acceleration Act, the Planning Acceleration Act III, and the measure-act-preparatory-act	Provision in the law indicating the entry into force of the Investment Acceleration Act, the Planning Acceleration Act III, and the measure-act-preparatory-act.				Q4	2020	The Investment Acceleration Act, the Planning Acceleration Act III, and the measure-act-preparatory-act (Investitionsbeschleunigungsgesetz, Planungsbeschleunigungsgesetz III, Maßnahmengesetzvorbereitungsgesetz) have entered into force.	Federal Ministry for Digital and Transport (BMDV)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the publications in the Federal Law Gazette (Bundesgesetzblatt) of the Investment Acceleration Act, the Planning Acceleration Act III, and the Measure-Act-Preparatory-Act (Investitionsbeschleunigungsgesetz, Planungsbeschleunigungsgesetz III Maßnahmengesetzvorbereitungsgesetz) and reference to the relevant provisions indicating the entry into force.</p>

No	Related Measure (Reform or Investment)	M/T	Name	Qualitative indicators (for M)	Quantitative indicators (for T)			Timeline for completion		Milestone and target description	Responsibility for reporting and implementation	Further specification	Verification mechanism
					Unit	Baseline	Goal	Q	Y				
129	6.2.3 Acceleration of planning and approval procedures in the transport sector	M	Evaluation of legislative changes	Evaluation of the three laws				Q3	2026	An extensive evaluation of the adopted legislative measures (see milestone 128) has been initiated, based on an evaluation concept that has been developed, and data collection has started. The evaluation shall, among other evaluation dimensions, include a comparison of the length of planning and approval procedures in the transport sector before and after the adoption of the measures and consider other qualitative and quantitative indicators.	Federal Ministry for Digital and Transport (BMDV)		<p>Summary document duly justifying how the milestone (including all its constitutive elements, as set out in the description of the milestone and of the corresponding measure in the CID Annex) was satisfactorily fulfilled, with appropriate links to the underlying evidence.</p> <p>This document shall include as an annex at least the following documentary evidence and elements:</p> <p>(a) a copy of the evaluation concept;</p> <p>(b) a copy of a written confirmation issued by the bodies collecting the data proving that data collection has started, countersigned by the competent authority requesting the data collection.</p>

Annex II

Operational Arrangements for managing the Recovery and Resilience Facility in Germany – 26/07/2023

ANNEX II

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A. COMPONENT 1.1: DECARBONISATION USING RENEWABLE HYDROGEN IN PARTICULAR

No	Related Measure (Reform or Investment)	Milestone / Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
1	1.1.1 Hydrogen projects within the framework of IPCEIs	Milestone	Completion of expression of interest procedure	Companies have submitted project sketches	-	-	-	Q2	2021
2	1.1.1 Hydrogen projects within the framework of IPCEIs	Milestone	Issuance of first grant decisions	Grant decisions issued	-	-	-	Q1	2022
3.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the amount of funds committed in EUR millions.</i>	-	-	-	-	Q3	2023
3	1.1.1 Hydrogen projects within the framework of IPCEIs	Target	Commitment of at least EUR 500 000 000	-	EUR million	0	500	Q2	2024
4	1.1.1 Hydrogen projects within the framework of IPCEIs	Milestone	Evaluation of the support programme	First evaluation report (interim report) published	-	-	-	Q4	2025
5	1.1.1 Hydrogen projects within the framework of IPCEIs	Target	Commitment of EUR 1 500 000 000	-	EUR million	0	1 500	Q3	2026
6.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the created electrolysis capacity in megawatt</i>	-	-	-	-	Q1	2024
6.2	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the created electrolysis capacity in megawatt</i>	-	-	-	-	Q1	2025
6	1.1.1 Hydrogen projects within the framework of IPCEIs	Target	Creation of at least 300 MW of electrolysis capacity	-	Megawatt	0	300	Q3	2026
7	1.1.2 Support programme for decarbonisation in industry	Milestone	Entry into force of funding guideline (<i>Förderrichtlinie</i>) for decarbonisation in industry	Entry into force of funding guideline	-	-	-	Q1	2021
8.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the number of issued grant decisions</i>	-	-	-	-	Q3	2023
8	1.1.2 Support programme for decarbonisation in industry	Target	Issuance of grant decisions	-	Number	0	20	Q4	2024

No	Related Measure (Reform or Investment)	Milestone / Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
9.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the amount of disbursements to the supported projects in EUR millions.</i>	-	-	-	-	Q2	2025
9	1.1.2 Support programme for decarbonisation in industry	Target	Disbursement to the supported projects	-	EUR million	0	426,823	Q3	2026
10	1.1.2 Support programme for decarbonisation in industry	Target	Reduction of greenhouse gas emissions in industry	-	Million tonnes of CO ₂ equivalent (annual avoidance)	0	1	Q3	2026
11	1.1.3 Pilot scheme for climate action contracts based on the principle of Carbon Contracts for Difference	Milestone	Completion of expression of interest procedure for climate change contracts	Companies submit expressions of interest for climate change contracts to Ministry of the Environment (BMU)	-	-	-	Q4	2021
12	1.1.3 Pilot scheme for climate action contracts based on the principle of Carbon Contracts for Difference	Milestone	Funding guideline (<i>Förderrichtlinie</i>) for a pilot programme on climate change contracts based on the principle of Carbon Contracts for Difference	Entry into force of funding guideline	-	-	-	Q3	2022
13.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the disbursements to the supported projects in EUR millions. This should be accompanied by a short overview of project owner, short description of the selected projects.</i>	-	-	0	-	Q4	2023
13.2	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the disbursements to the supported projects in EUR millions. This should be accompanied by a short overview of project owner, short description of the selected projects.</i>	-	-	0	-	Q1	2025
13	1.1.3 Pilot scheme for climate action contracts based on the	Target	Disbursement to the supported projects	-	EUR million	0	522,5	Q3	2026

No	Related Measure (Reform or Investment)	Milestone / Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
	principle of Carbon Contracts for Difference								
14	1.1.4 Project-related climate protection research	Target	Approval of applications for support of climate-related research projects	-	Number of applications approved	0	45	Q4	2021
15.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the amount of disbursements to the supported projects in EUR millions.</i>	-	-	-	-	Q2	2024
15	1.1.4 Project-related climate protection research	Target	Disbursement to the supported projects	-	EUR million	0	57	Q4	2025
16	1.1.4 Project-related climate protection research	Target	Completion of supported climate-related research projects	-	Number	0	45	Q4	2025
17	1.1.5 Flagship projects for research and innovation in the context of the National Hydrogen Strategy	Milestone	Publication of the competition “Idea Competition ‘Hydrogen Republic Germany’” (Förderaufruf zum Ideenwettbewerb „Wasserstoffrepublik Deutschland“)	Publication of the competition on the Ministry of Education and Research’s homepage	-	-	-	Q2	2020
18	1.1.5 Flagship projects for research and innovation in the context of the National Hydrogen Strategy	Target	Issuance of grant decisions	-	Number of grant decisions issued	0	150	Q2	2022
19.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the number of projects granted, the amount of funding allocated and the disbursement to the supported projects in EUR millions as of December 31, 2023.</i>	-	-	-	-	Q1	2024
19	1.1.5 Flagship projects for research and innovation in the context of the National Hydrogen Strategy	Target	Completion of the supported projects	-	Number	0	150	Q3	2026

No	Related Measure (Reform or Investment)	Milestone / Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
20.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the number of projects granted, the amount of funding allocated and the disbursement to the supported projects in EUR millions as of December 31, 2024 as well as the expected date of completion of the projects.</i>	-	-	0	-	Q1	2025
20	1.1.5 Flagship projects for research and innovation in the context of the National Hydrogen Strategy	Target	Disbursement to the supported projects	-	EUR million	0	560	Q3	2026
21	1.1.5 Flagship projects for research and innovation in the context of the National Hydrogen Strategy	Target	Commitment for flagship research and innovation projects	-	EUR million	0	665	Q3	2026

B. COMPONENT 1.2: CLIMATE-FRIENDLY MOBILITY

No	Related Measure (Reform or Investment)	Milestone/ Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
22	1.2.1 Support for the construction of charging infrastructure	Milestone	Entry into force of funding guidelines	Two funding guidelines published in the Federal Gazette (<i>Bundesanzeiger</i>)	-	-	-	Q4	2021
23.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the number of publicly accessible recharging points</i>	-	-	-	-	Q3	2023
23.2	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the number of publicly accessible recharging points</i>	-	-	-	-	Q2	2024
23	1.2.1 Support for the construction of charging infrastructure	Target	Expansion of the public recharging network for electric vehicles	-	Number of publicly accessible recharging points	0	50 000	Q4	2025
24.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the number of recharging points in residential buildings</i>	-	-	-	-	Q3	2023
24	1.2.1 Support for the construction of charging infrastructure	Target	Expansion of recharging points in residential buildings	-	Number of recharging points in residential buildings	0	400 000	Q4	2023
25	1.2.2 Funding for the development of electro-mobility	Milestone	Entry into force of the funding guidelines	Entry into force of funding guidelines published in the Federal Gazette (<i>Bundesanzeiger</i>)	-	-	-	Q4	2020
26	1.2.2 Funding for the development of electro-mobility	Target	Commitment of funds	-	EUR million	0	71,25	Q4	2022
27.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the number of e-vehicles having benefitted from the measure</i>	-	-	-	-	Q3	2023
27	1.2.2 Funding for the development of electro-mobility	Target	Expansion of municipal and commercial e-mobility fleets	-	Number of e-vehicles	0	4 000	Q2	2024
28.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the number of completed electro-mobility preliminary designs</i>	-	-	-	-	Q3	2023
28	1.2.2 Funding for the development of electro-mobility	Target	Completion of electro-mobility preliminary designs	-	Number of completed electro-mobility preliminary designs	0	80	Q2	2024
29	1.2.3 Support for the replacement of the private vehicle fleet	Target	Support for the purchase of 240 000 electric vehicles	-	Number of e-vehicles purchased	0	240 000	Q1	2021
30	1.2.3 Support for the replacement of the private vehicle fleet	Target	Support for the purchase of another 320 000 electric vehicles	-	Number of e-vehicles purchased	240 000	560 000	Q4	2022
31	1.2.4 Extension of the initial registration period for granting the ten-year tax exemption for purely electric vehicles	Milestone	Entry into force of the Seventh Motor Vehicle Tax Amendment Act	Provision in the law indicating the entry into force of the Seventh Motor Vehicle Tax Amendment Act	-	-	-	Q4	2020
32	1.2.4 Extension of the initial registration period for granting the ten-year tax exemption for purely electric vehicles	Milestone	Evaluation of the measure	The measure shall be evaluated five years after its entry into force, within the framework provided for in the Seventh Motor Vehicle Tax Amendment Act.	-	-	-	Q1	2026
33	1.2.5 Support for purchases of buses with alternative propulsion	Milestone	Publication of funding guidelines	Publication in the Federal Gazette (<i>Bundesanzeiger</i>)	-	-	-	Q3	2021
34.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the value of applications received in EUR millions</i>	-	-	-	-	Q3	2023
34.2	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the value of approved applications in EUR millions</i>	-	-	-	-	Q2	2024
34	1.2.5 Support for purchases of buses with alternative propulsion	Target	Approval of applications	-	EUR million	0	1 031	Q3	2025
35	1.2.5 Support for purchases of buses with alternative propulsion	Target	Orders of buses with alternative propulsion	-	Number of buses ordered	0	2 800	Q3	2026
36	1.2.6 Support to promote alternative rail propulsion	Milestone	Entry into force of the funding guidelines	Entry into force	-	-	-	Q1	2021
37.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the value of approved applications</i>	-	-	-	-	Q3	2023

No	Related Measure (Reform or Investment)	Milestone/ Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
37	1.2.6 Support to promote alternative rail propulsion	Target	Approval of applications	-	EUR million	0	215,65	Q3	2024
38	1.2.6 Support to promote alternative rail propulsion	Target	Order of rail vehicles with alternative propulsion	-	Number of rail vehicles ordered	0	280	Q4	2024
39	1.2.7 Promotion of the industries involved in hydrogen and fuel cell applications in transport	Milestone	Entry into force of amendment extending existing supporting guidelines (<i>Förderrichtlinien</i>) of the National Hydrogen and Fuel Cell Technology Innovation Programme (NIP) (or if not sufficiently covered by existing supporting guidelines, entry into force of new supporting guidelines).	Publication in Federal Gazette (<i>Bundesanzeiger</i>)	-	-	-	Q4	2021
40.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the number of approved projects for the vehicle and supplier industry for hydrogen and fuel cell applications in transport</i>	-	-	-	-	Q3	2023
40.2	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the number of approved projects for the vehicle and supplier industry for hydrogen and fuel cell applications in transport</i>	-	-	-	-	Q2	2024
40	1.2.7 Promotion of the industries involved in hydrogen and fuel cell applications in transport	Target	Approval of projects for the vehicle and supplier industry for hydrogen and fuel cell applications in transport	-	Number of approved projects	0	170	Q4	2025
41.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure</i>	-	-	-	-	Q3	2023
41.2	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure</i>	-	-	-	-	Q1	2025
41	1.2.7 Promotion of the industries involved in hydrogen and fuel cell applications in transport	Milestone	Establishment of a Technology and Innovation Centre for Hydrogen Technology	At least partial start of operations of the centre	-	-	-	Q3	2026

C. COMPONENT 1.3: CLIMATE-FRIENDLY RENOVATION AND CONSTRUCTION

No	Related Measure (Reform or Investment)	Milestone / Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
42	1.3.1 Support programme for the development of a climate-friendly timber construction sector	Milestone	Funding guidelines on the promotion of climate-friendly timber construction	Publication in the Federal Gazette (<i>Bundesanzeiger</i>) and entry into force of the funding guidelines	-	-	-	Q1	2021
43	1.3.1 Support programme for the development of a climate-friendly timber construction sector	Target	Approval of projects related to the development of climate-friendly timber construction	-	Number of approved projects	0	20	Q2	2022
44	1.3.2 Municipal living labs for the energy transition	Target	Approval of 'living labs' projects	-	Number of approved projects	0	4	Q4	2023
45.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure, including estimates or already achieved energy savings and emission reductions.</i>	-	-	-	-	Q4	2024
45	1.3.2 Municipal living labs for the energy transition	Target	Completion of urban neighbourhood projects	-	Number	0	10	Q1	2026
46	1.3.3 Building renovation: federal funding for energy-efficient buildings	Milestone	Funding guidelines for the support of energy-efficient renovation of buildings	Publication of funding guidelines in the Federal Gazette (<i>Bundesanzeiger</i>)	-	-	-	Q3	2021
47.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the number of applications for support and the number of completed energy-efficient renovations of housing units.</i>	-	-	-	-	Q3	2023
47	1.3.3 Building renovation: federal funding for energy-efficient buildings	Target	Completion of energy-efficient renovations of 10 000 housing units.	-	Number of housing units renovated	0	10 000	Q4	2024
48	1.3.3 Building renovation: federal funding for energy-efficient buildings	Target	Completion of energy-efficient renovations of a further 30 000 housing units	-	Number	10 000	40 000	Q2	2026

D. COMPONENT 2.1: DATA AS THE RAW MATERIAL OF THE FUTURE

No	Related Measure (Reform or Investment)	Milestone / Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
49	2.1.1 Innovative data policy for Germany	Milestone	Start of projects	Start of all projects	-	-	-	Q4	2022
50.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report on the implementation of the measure, including information on the projects launched under the different strands of the measure.</i>	-	-	-	-	Q1	2024
50.2	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report on the implementation of the measure, including information on the projects launched under the different strands of the measure.</i>	-	-	-	-	Q1	2025
50	2.1.1 Innovative data policy for Germany	Target	Development of human resources and capabilities in federal ministries	-	Percentage of federal ministries with data units and internal data laboratories	0	95	Q3	2026
51	2.1.1 Innovative data policy for Germany	Target	Budget execution – disbursement of at least EUR 464 400 000 to the supported projects	-	EUR million	0	464,4	Q3	2026
52	2.1.2 IPCEI Microelectronics and Connectivity	Milestone	Content design of the planned IPCEI	Completion of national call for expression of interest process to identify projects in Germany	-	-	-	Q2	2021
53	2.1.2 IPCEI Microelectronics and Connectivity	Target	Launch of first projects	-	Number of projects	0	10	Q4	2022
54.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the projects launched</i>	-	-	-	-	Q4	2023
54.2	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the projects launched</i>	-	-	-	-	Q4	2024
54	2.1.2 IPCEI Microelectronics and Connectivity	Target	Budget execution – disbursement of at least EUR 1 275 000 000 to the supported projects	-	EUR million	0	1 275	Q3	2026
55	2.1.3 IPCEI Next Generation Cloud Infrastructure and Services (IPCEI CIS)	Milestone	Launch of R&D&I projects	Signature of grant decisions for R&D&I projects	-	-	-	Q4	2022
56.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the status of R&D&I projects and the preparation of the launch of large-scale piloting of use cases</i>	-	-	-	-	Q4	2023
56	2.1.3 IPCEI Next Generation Cloud Infrastructure and Services (IPCEI CIS)	Milestone	Completion of R&D&I projects and launch of large-scale piloting of use cases	Publication of a report on the state of play of the projects	-	-	-	Q4	2024
57.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the industrial deployment of developed solutions</i>	-	-	-	-	Q4	2025
57	2.1.3 IPCEI Next Generation Cloud Infrastructure and Services (IPCEI CIS)	Target	First industrial deployment of solutions developed under the measure.	-	Number of use cases addressed in large-scale pilots which are eventually addressed in first industrial deployments	0	1	Q3	2026
58	2.1.3 IPCEI Next Generation Cloud Infrastructure and Services (IPCEI CIS)	Target	Budget execution – disbursement of at least EUR 637 500 000 to the supported projects	-	EUR million	0	637,5	Q3	2026

E. COMPONENT 2.2: DIGITALISATION OF THE ECONOMY

No	Related Measure (Reform or Investment)	Milestone / Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
59	2.2.1 Vehicle manufacturers/suppliers investment programme	Milestone	Publication of all funding guidelines	Publication of the funding guidelines in the Federal Gazette (<i>Bundesanzeiger</i>)	-	-	-	Q1	2021
60	2.2.1 Vehicle manufacturers/suppliers investment programme	Target	Approval of projects	-	Number of projects approved	0	401	Q1	2023
61.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the number of successfully completed projects (on the basis of objectives set out in project descriptions used for their selection)</i>	-	-	-	-	Q2	2024
61.2	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the number of successfully completed projects (on the basis of the objectives set out in project descriptions used for their selection)</i>	-	-	-	-	Q1	2025
61	2.2.1 Vehicle manufacturers/suppliers investment programme	Target	Successful completion of projects	-	Number of projects successfully completed	0	531	Q3	2026
62	2.2.2 Federal programme 'Building further CET networks'	Milestone	Publication of the funding guidelines	Publication of the funding guidelines in the Federal Gazette (<i>Bundesanzeiger</i>)	-	-	-	Q2	2020
63	2.2.2 Federal programme 'Building further CET networks'	Target	Active participation of additional enterprises in CET networks	-	Number of additional enterprises participating in CET networks	0	200	Q4	2022
64	2.2.2 Federal Programme 'Building further CET networks'	Target	Revision or redesign of training measures or sub-modules as a result of the work of the CET networks	-	Number of revised or redesigned training measures	0	60	Q4	2024
65	2.2.3 Digitalisation and Technology Research Centre of the Bundeswehr	Target	Launch of research projects	-	Number of projects	0	68	Q1	2021
66	2.2.3 Digitalisation and Technology Research Centre of the Bundeswehr	Milestone	Report on research and transfer outputs	Publication of a report to Federal Ministry of Defence confirming successful progress of projects	-	-	-	Q4	2023
67	2.2.3 Digitalisation and Technology Research Centre of the Bundeswehr	Target	Continuation of projects	-	Number of projects assessed as progressing satisfactorily	0	40	Q2	2024
68.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the amount of the disbursements made to projects in EUR millions</i>	-	-	-	-	Q1	2025
68	2.2.3 Digitalisation and Technology Research Centre of the Bundeswehr	Target	Budget execution – disbursement of EUR 700 000 000 to the supported	-	Funds paid to projects	0	700	Q3	2026
69	2.2.3 Digitalisation and Technology Research Centre of the Bundeswehr	Milestone	Report on research and transfer outputs	Publication of a report to Federal Ministry of Defence confirming successful progress of projects	-	-	-	Q3	2026
70	2.2.4 Promoting the digitalisation of railways by replacing conventional interlocking/fast-track programmes to speed up the roll-out of 'Digital Rail Germany'	Milestone	Signature of the financing agreement for the 'fast track' programme between the Federal Government and Deutsche Bahn AG	Signed financing agreement between the Federal Government and Deutsche Bahn AG	-	-	-	Q4	2020
71	2.2.4 Promoting the digitalisation of railways by replacing conventional interlocking/fast-track programmes to speed up the roll-out of 'Digital Rail Germany'	Milestone	Interim report on implementation	Interim report submitted by DB Netz AG to the Federal Ministry for Transport and Infrastructures (BMVI) and the Federal Railway Authority (EBA) on the implementation of the programme.	-	-	-	Q2	2021
72	2.2.4 Promoting the digitalisation of railways by replacing conventional	Target	Successful completion of pilot projects	-	Number of pilot projects completed	0	6	Q4	2021

No	Related Measure (Reform or Investment)	Milestone / Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
	interlocking/fast-track programmes to speed up the roll-out of ‘Digital Rail Germany’								
72A	2.2.4 Promoting the digitalisation of railways by replacing conventional interlocking/fast-track programmes to speed up the roll-out of ‘Digital Rail Germany’	Target	Completion of the final pilot project	-	Number of pilot projects completed	6	7	Q1	2023

F. COMPONENT 3.1: DIGITALISATION OF EDUCATION

No	Related Measure (Reform or Investment)	Milestone / Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
73	3.1.1 Investment programme for teacher devices	Milestone	Administrative agreement	Conclusion of the administrative agreement between the Federal Government of Germany and the governing bodies at Länder level	-	-	-	Q1	2021
74	3.1.1 Investment programme for teacher devices	Target	Disbursement of at least EUR 475 000 000 to the supported projects	-	EUR million	0	475	Q1	2022
75.1	3.1.1 Investment programme for teacher devices	Monitoring	Germany will report on the state of improvement in digital infrastructure available and the use of digital media in school as of Q4 2023.	-	-	-	-	Q4	2023
75	3.1.1 Investment programme for teacher devices	Milestone	Evaluation of changes in digital infrastructure and use of digital media in schools	Final evaluation report	-	-	-	Q4	2025
76	3.1.2 Education platform	Milestone	Entry into force of the funding guidelines for education platform prototypes and procurement launched	Publication of the funding guidelines and call for tenders in the Federal Gazette (<i>Bundesanzeiger</i>)	-	-	-	Q1	2022
77	3.1.2 Education platform	Milestone	Launch of the beta-version of the education platform	Launch of beta version of the platform on the website of the Federal Ministry of Education and Research (<i>BMBF</i>)	-	-	-	Q3	2023
78	3.1.2 Education platform	Milestone	Final evaluation report with a decision on the future of the education platform	Publication of the final evaluation report in the Federal Gazette (<i>Bundesanzeiger</i>)	-	-	-	Q3	2024
79	3.1.3 Educational centres of excellence	Milestone	Entry into force of the first funding guidelines and call for tenders for a project-executing agency for the overall programme	Publication of the first funding guidelines in the Federal Gazette (<i>Bundesanzeiger</i>) and publication of a call for tenders on an award platform.	-	-	-	Q4	2021
80	3.1.3 Educational centres of excellence	Target	Approval of at least 45 research projects	-	Number of research projects approved and in progress	0	45	Q3	2022
81	3.1.3 Educational centres of excellence	Milestone	Entry into force of three additional funding guidelines	Publication of the additional funding guidelines in the Federal Gazette (<i>Bundesanzeiger</i>)	-	-	-	Q3	2022
82.1	Interim step	Monitoring	Progress report on research projects, identifying completed projects, with a short description of their expected impact on the added value for teacher training in digital and digitally supported teaching in each of the Länder that are involved with universities in project funding.	-	-	-	-	Q2	2024
82	3.1.3 Educational centres of excellence	Target	Completion of research projects	-	Number of completed research projects	0	45	Q3	2026
83	3.1.4 Modernisation of the Federal Armed Forces' educational and training facilities	Milestone	Project contract signed	Project contract signed with the IT service provider	-	-	-	Q1	2021
84	3.1.4 Modernisation of the Federal Armed Forces' educational and training facilities	Target	Analysis of educational institutions and identification of their IT needs	-	Number of educational institutions fully analysed	0	60	Q1	2022
85	3.1.4 Modernisation of the Federal Armed Forces' educational and training facilities	Target	Completion of the modernisation of the 60 educational institutions	-	Number of educational institutions for which modernisation has been completed	0	60	Q1	2023

G. COMPONENT 4.1: STRENGTHENING OF SOCIAL INCLUSION

No	Related Measure (Reform or Investment)	Milestone / Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
86	4.1.1 Investment programme 'Childcare-financing' 2020/21: special fund 'Child Day-care Expansion'	Milestone	Entry into force of the Childcare Financing Act and the Federal Financial Assistance Act and of the implementing regulations at Länder level	Provision in the law indicating the entry into force of the Childcare Financing Act and the Federal Financial Assistance Act as well as the Länder-specific implementing regulations	-	-	-	Q4	2020
87.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the funding outflows, the number of newly funded childcare places</i>	-	-	-	-	Q3	2023
87	4.1.1 Investment programme 'Childcare-financing' 2020/21: special fund 'Child Day-care Expansion'	Milestone	Publication of interim report in compliance with KitaFinHG	Publication of interim reports containing numerical evidence (funding, number of childcare places, number of subsidised equipment) in accordance with the legal provisions and the relevant coordination discussions between the federal government and the Länder.	-	-	-	Q4	2023
88.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure 4.1.1 including notably the number of newly funded childcare places for children</i>	-	-	-	-	Q2	2024
88	4.1.1 Investment programme 'Childcare-financing' 2020/21: special fund 'Child Day-care Expansion'	Target	Completion of all measures	-	Additional childcare places for children	0	90 000	Q4	2025
89	4.1.2 Social Guarantee 2021	Milestone	Verification of the average social security contribution rate for year 2021	Total social security contribution rate calculated and it is established not having exceeded 40%	-	-	-	Q4	2021
90	4.1.3 Apprenticeship support	Milestone	Entry into force of the revised funding guidelines for the federal programme <i>Ausbildungsplätze sichern</i>	Publication of revised funding guidelines	-	-	-	Q2	2021
91	4.1.3 Apprenticeship support	Target	Outflow of support for the federal programme <i>Ausbildungsplätze sichern</i>	-	EUR million	0	652,5	Q4	2022
92	4.1.3 Apprenticeship support	Target	Award decisions on applications for the federal programme <i>Ausbildungsplätze sichern</i>	-	Number of eligible applications having been awarded funding	0	70 000	Q4	2022
93	4.1.4 Educational support for students with a learning backlog	Milestone	Agreement between the Federal Government and the Länder to provide learning support for learners with pandemic learning backlogs.	Länder and the Federal Government adopt the funding agreement	-	-	-	Q2	2021
94	4.1.4 Educational support for students with a learning backlog	Target	1 000 000 students have received learning support	-	Number of pupils receiving support under the programme	0	1 000 000	Q3	2022
95	4.1.5 Digital Pension Overview	Milestone	Entry into force of the Digital Pension Overview Act	Provision in the law indicating the entry into force of the law on the Digital Pension Overview.	-	-	-	Q1	2021
96	4.1.5 Digital Pension Overview	Milestone	Completion of the development and first operational phase.	The portal is available and has been tested in a first operational phase. The evaluation report on the first operational phase has been submitted by ZfDR to the steering committee for further discussion.	-	-	-	Q4	2023
97.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the concrete targets established on the frequency of use and on the coverage of pension entitlements.</i>	-	-	-	-	Q4	2024
97	4.1.5 Digital Pension Overview	Milestone	Completion of the implementation of improvements deduced from practical experience during the first operational phase.	Improvements and where appropriate new functionalities have been implemented following the evaluation report and consultation	-	-	-	Q1	2026

No	Related Measure (Reform or Investment)	Milestone / Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
				with the steering committee. The Digital Pension Overview covers a majority of existing pension entitlements regarding those pension providers that are generally obligated to participate by law.					

H. COMPONENT 5.1: STRENGTHENING OF A PANDEMIC-RESILIENT HEALTHCARE SYSTEM

No	Related Measure (Reform or Investment)	Milestone / Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
98	5.1.1 Strengthening of the digital and technical resources of the public health service	Target	Comprehensive nationwide use of the German Electronic Reporting and Information System for Infection Protection (<i>Deutsches Elektronisches Melde- und Informationssystem für den Infektionsschutz, DEMIS</i>)	-	Percentage of public health offices using DEMIS	0	100	Q1	2021
99	5.1.1 Strengthening of the digital and technical resources of the public health service	Target	Progress of public health offices towards digital maturity	-	Percentage	0	35	Q1	2024
100.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the percentage of funded public health offices having initiated measures towards digital maturity</i>	-	-	-	-	Q1	2025
100	5.1.1 Strengthening of the digital and technical resources of the public health service	Target	Progress of public health offices towards digital maturity	-	Percentage	35	70	Q3	2026
101	5.1.2 Programme to future-proof hospitals	Target	Applications submitted to the Federal Office for Social Security for at least EUR 2 700 000 000	-	Volume of funding (in million euro) for applications submitted to the Federal Office for Social Security	0	2 700	Q2	2022
102	5.1.2 Programme to future-proof hospitals	Target	Increase in the digital maturity of at least 35% of hospitals	-	Percentage of hospitals with increased digital maturity	0	35	Q4	2023
103.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the implementation of the relevant digitalisation projects and hospitals' digital maturity level as well as the percentage of completed digitalisation projects</i>	-	-	-	-	Q3	2024
103.2	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the implementation of the relevant digitalisation projects and hospitals' digital maturity level as well as the percentage of completed digitalisation projects</i>	-	-	-	-	Q1	2025
103	5.1.2 Programme to future-proof hospitals	Target	Implementation of at least 75% of the relevant digitalisation projects	-	Percentage of completed digitalisation projects	0	75	Q3	2026
104	5.1.3 Special programme to accelerate research and development of urgently needed vaccines against SARS-CoV-2	Milestone	Approval of a first vaccine against SARS-CoV-2 by the regulatory authority	Recommendation for authorisation by the European Medicines Agency of a vaccine against SARS-CoV-2 developed by one of the three companies supported	-	-	-	Q4	2020
106	5.1.3 Special programme to accelerate research and development of urgently needed vaccines against SARS-CoV-2	Target	Disbursement of at least EUR 561 450 000 to vaccine research supported by this special programme	-	EUR million	0	561,45	Q3	2022
107	5.1.3 Special programme to	Milestone	End of programme	Completion and	-	-	-	Q4	2022

No	Related Measure (Reform or Investment)	Milestone / Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
	accelerate research and development of urgently needed vaccines against SARS-CoV-2			conclusive audit of the utilisation reports and of all final reports					

I. COMPONENT 6.1: MODERN PUBLIC ADMINISTRATION

No	Related Measure (Reform or Investment)	Milestone / Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
108	6.1.1 European identity ecosystem	Target	Launch of one pilot project for digital hotel check-in	-	Number of hotels with digital check-in	0	100	Q3	2021
109	6.1.1 European identity ecosystem	Target	Completion of additional government-supported application cases in addition to the pilot hotel check-in.	-	Number of application cases	1	5	Q3	2022
110	6.1.1 European identity ecosystem	Target	Provision of additional application cases beyond the pilots with little or no government support for their implementation	-	Number of application cases	5	10	Q4	2024
111	6.1.2 Digitalisation of the administration — Implementation of the Online Access Act (OZG)	Target	Completion of individual agreements between the lead department and the lead Land	-	Number of individual agreements	0	14	Q3	2021
112	6.1.2 Digitalisation of the administration— Implementation of the Online Access Act (OZG)	Target	Go-Lives of online access act service bundles (<i>Onlinezugangsgesetz-Leistungen</i>)	-	Number of online services going live	0	70	Q4	2021
113.1	<i>Interim step</i>	<i>Ex-post monitoring</i>	<i>Progress report detailing the effects of the measure as a whole, including the state of roll-out of the monitoring process, the number of citizens the online services are available to and their digital availability in line with the Online Access Act (Onlinezugangsgesetz)</i>	-	-	-	-	Q4	2023
113.2	<i>Interim step</i>	<i>Ex-post monitoring</i>	<i>Progress report detailing the outcome and effects of the measure as a whole, including the state of roll-out of the monitoring process, the number of citizens the online services are available to and their digital availability in line with the Online Access Act (Onlinezugangsgesetz)</i>	-	-	-	-	Q4	2024
113	6.1.2 Digitalisation of the administration— Implementation of the Online Access Act (OZG)	Target	Widespread digitalisation of federal administrative services as <i>one-for-all</i> services	-	Number of one-for-all online services going live	0	215	Q4	2022
114	6.1.3 Digitalisation of the administration—modernisation of registers	Milestone	Completion of pilot projects to test pilot registers	End of pilot and assessment document compiled	-	-	-	Q4	2023
115.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the technical architecture, multi-project governance and legal bases</i>	-	-	-	-	Q3	2023
115	6.1.3 Digitalisation of the administration —modernisation of registers	Milestone	Completion of the implementation of the uniform architecture for the advancement of the only-once principle	Central architectural components are ready to be connected to proprietary registers	-	-	-	Q4	2023
116.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the progress of the connection of user-based registers to the once-only target architecture</i>	-	-	-	-	Q2	2024
116	6.1.3 Digitalisation of the administration —modernisation of registers	Target	Priority connection of user-based registers to the once-only target architecture	-	Number of priority registers with once-only implementation	0	18	Q4	2025

J. COMPONENT 6.2: REDUCTION OF BARRIERS TO INVESTMENT

No	Related Measure (Reform or Investment)	Milestone / Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
117	6.2.1 Joint programme of the Federal Government and the Länder for an efficient administration that benefits citizens and businesses	Milestone	First progress report for the Conference of Minister-Presidents (MPK)	First progress report published	-	-	-	Q2	2021
118	6.2.1 Joint programme of the Federal Government and the Länder for an efficient administration that benefits citizens and businesses	Milestone	Second progress report for the Conference of Minister-Presidents	Second progress report published	-	-	-	Q2	2022
119.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Meeting between the Commission, the German Ministry of Finance and the Working group in which progress on key objectives and its current and future work streams are discussed to ensure that the measure's objectives will be reached effectively</i>	-	-	-	-	Q4	2023
119.2	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of implementation of the measure including notably the percentage of measures that have been completed by Q2 2023 and expected completion dates of measures not yet implemented</i>	-	-	-	-	Q1	2024
119	6.2.1 Joint programme of the Federal Government and the Länder for an efficient administration that benefits citizens and businesses	Target	Completion of measures in the progress report	-	Percentage of measures completed	0	80	Q1	2025
120	6.2.2.1 Expansion of consulting services of PD: Effective Funding Support Management	Milestone	Start of PD consulting services for selected funding programmes	Agreement with the federal ministries on selection of funding programmes	-	-	-	Q4	2022
121.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Stakeholder event to take stock and discuss progress, including PD, the German Ministry of Finance and the Commission Services, as well as selected consulted entities</i>	-	-	-	-	Q2	2023
121	6.2.2.1 Expansion of consulting services of PD: Effective Funding Support Management	Target	Consultations carried out	-	Number of consultations carried out	0	100	Q3	2024
122	6.2.2.1 Expansion of consulting services of PD: Effective Funding Support Management	Target	Concepts for revision of funding programmes developed	-	Number of revision concepts	0	4	Q3	2024
123	6.2.2.1 Expansion of consulting services of PD: Effective Funding Support Management	Milestone	Information dissemination on lessons learned	Funding Guide of the Federal Ministry of Finance published	-	-	-	Q3	2026
124.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the number of consultations carried out</i>	-	-	-	-	Q1	2025
124	6.2.2.1 Expansion of consulting services of PD: Effective Funding Support Management	Target	Consultations carried out	-	Number of consultations carried out	100	400	Q3	2026
125	6.2.2.2 Expansion of consulting services of PD: School IT consultancy	Target	Roll-out and pilot consulting projects on school IT	-	Number of consulting projects carried out	0	5	Q4	2022
126	6.2.2.2 Expansion of consulting services of PD: School IT consultancy	Milestone	Development of model concepts	Model IT concept	-	-	-	Q3	2024
127.1	<i>Interim step</i>	<i>Monitoring</i>	<i>Progress report detailing the status of the implementation of the measure including notably the number of school IT consulting projects carried out</i>	-	-	-	-	Q2	2023
127	6.2.2.2 Expansion of consulting services of PD: School IT consultancy	Target	School IT consulting projects	-	Number of consulting projects carried out	5	50	Q3	2024
128	6.2.3.1 Acceleration of planning and approval procedures in the transport sector	Milestone	Entry into force of the Investment Acceleration Act, the Planning Acceleration Act III, and the measure-act-preparatory-act	Provision in the law indicating the entry into force of the Investment Acceleration Act, the Planning	-	-	-	Q4	2020

No	Related Measure (Reform or Investment)	Milestone / Target	Name	Qualitative indicators (for milestones)	Quantitative indicators (for targets)			Indicative timeline for completion	
					Unit of measure	Baseline	Goal	Quarter	Year
				Acceleration Act III, and the measure-act-preparatory-act.					
129	6.2.3.1 Acceleration of planning and approval procedures in the transport sector	Milestone	Evaluation of legislative changes	Evaluation of the three laws	-	-	-	Q3	2026

