



# Annual activity report 2022

## Annexes

Directorate-General for Informatics  
DG DIGIT

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## **ANNEX 1: Statement of the Director in charge of Risk Management and Internal Control**

*I declare that in accordance with the Commission's communication on the internal control framework <sup>(1)</sup>, I have reported my advice and recommendations on the overall state of internal control in the DG to the Director-General.*

*I hereby certify that the information provided in the present annual activity report and in its annexes is, to the best of my knowledge, accurate and complete.*

*Brussels, 31 March 2023*

Beatriz SANZ REDRADO

(signed)

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<sup>(1)</sup> C(2017)2373 of 19.04.2017.

## ANNEX 2: Performance tables

**Specific objective 7.1: A portfolio of secure, state-of-the-art corporate digital solutions developed in partnership supports the Commission's political priorities**

**Result indicator:** Level of adoption of the Reusable Solutions Platform

**Source of the data:** [RSP Portal Dashboard](#)

<b>Baseline 2019</b>	<b>Interim Milestone 2022</b>	<b>Target 2024</b>	<b>Latest known results 2022</b>
110 (cases of reuse of one or several RS of the RSP)	+ 45% (i.e. from 110 to 160 systems reusing the RSP in 2022)	+91% (i.e. from 110 to 210 end of 2024)	<b>Target achieved</b> At the end of 2022, 361 cases of reuse of the RSP solutions (an increase of +328% compared to the baseline)

### Main outputs in 2022:

#### Other important outputs

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Latest known results (situation on 31/12/2022)</b>
Co-delivery with RTD and the business stakeholders of the priorities of the Grants & Procurement Steering Board (GPSB) in the domain of grant management	Onboarding of new programmes	100% by December 2022	<b>Target partially achieved</b> Onboarding process is well established and ongoing for 34 programmes during 2022
	Modernise the Submission & Evaluation Portal (SEP) ecosystem		Modernisation of SEP Evaluation is postponed, due to other business reprioritisation.
	Implement other DIGIT actions as agreed in the workplan for the SEP and CAP solutions		Implementation of SEP and CAP workplans is completed
Co-delivery with the business stakeholders of the priorities of the Grants & Procurement Steering Board (GPSB) in the domain of SEDIA	Support the new business processes of Pillar assessment and Domain specific facts	100% by December 2022	<b>Target achieved</b> Implementation of new solutions for Pillar assessment and Domain specific facts is completed as planned.

Output	Indicator	Target	Latest known results (situation on 31/12/2022)
	Implement other DIGIT actions as agreed in the workplan for the Funding & Tenders portal and Participant management solutions.		Implementation of Funding & Tenders portal and Participant management workplans is completed. Long term plan for modernisation of Participant management solution has been put in place.
Co-delivery with JRC, RTD and BUDG and the business stakeholders of the priorities of the Grants & Procurement Steering Board (GPSB) in the domain of eProcurement	Corporate roll-out of the solution for specific contracts under Framework contracts (FwC).	100% by December 2022	<b>Target partially achieved</b> Corporate solution for specific contracts under Framework contracts (FwC) was rolled-out in January 2022 in pilot mode. Specifically, the pilots were run with FwCs of JRC and DG REFORM. The massive roll-out of corporate solution will start as of 2023.
	Support for other types of contracts and procedures		The Support for Cascaade and Single FwC went live in Q1 2022. A trial with JRC contracts was launched.
	Develop a clear roll-out and migration strategy for eProcurement – SUMMA		GPSB – SUMMA Integrated rollout strategy was agreed between RTD / DIGIT / BUDG.
	Coordinate successfully the IT programme and the collaboration with SUMMA		Reinforced GPSB – SUMMA governance and closer collaboration in place.  PoC of integration between eProcurement and SUMMA was successfully performed. However, to complete the integration, a detailed analysis by JRC/DIGIT/BUDG/RTD is on-going in order to clarify a number of critical open points.

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Latest known results (situation on 31/12/2022)</b>
	Implement other DIGIT actions as agreed in the workplan of eProcurement		Implementation of eProcurement workplan 2023 is completed.
Co-delivery with BUDG of a proposal to ITCB for a corporate solution for programming, budget planning and forecasting	Present the Business case for Multi-annual programming and planning to ITCB and set up the corporate governance	Q1 2022	<p><b>Target achieved</b></p> <p>The presentation of the Business case for multi-annual programming and planning (MAPP) to ITCB took place on 24th March 2022. The presentation led to the approval of MAPP as a corporate solution.</p> <p>A study to define boundaries and integrations between MAP and SUMMA was commissioned, in collaboration with INTPA, BUDG and DIGIT.</p> <p>A new business domain was established under the GPSB to govern a corporate Multiannual Programming Programme (MAPP). The new MAPP programme will start as of 1<sup>st</sup> of January 2023. The programme charter will be presented to ITCB in March 2023.</p>
Co-delivery with DEVCO/NEAR/FPI of the priorities in the domain of External Actions for the specific processes and IT solutions in the OPSYS programme	Implement the IT workplan and cover the agreed capabilities for the digital solutions in the OPSYS programme	100% by December 2022	<p><b>Target achieved</b></p> <p>Implementation of OPSYS work plan is completed. The important capabilities in the context of the programme were successfully done.</p>

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Latest known results (situation on 31/12/2022)</b>
Co-delivery with HR, PMO and EPSO of all the priorities of the HR family	<p>For all PMO declarations, delivery of a fully paperless and automated workflow for the processing of support documents.</p> <p>List of remaining DIGIT actions as agreed in the workplan</p>	100% by December 2022	<p><b>Target achieved</b></p> <p>Workplan implementation completed, main deliveries of H1 for HR portfolio:</p> <ul style="list-style-type: none"> <li>Revamping of appraisal approach</li> <li>Implementation of new decision on working conditions</li> <li>Support NextHR reorganization</li> <li>Extensions of Temporary Staff automated workflow</li> <li>Life indicators for Pensioners</li> <li>Personnel File full user interface revamping</li> <li>Decommissioning of Systat2</li> <li>Fully paperless and automated workflow for the processing of support documents for PPA and for all PMO processes</li> <li>HR Search, a new solution to enable head hunting, was developed and is in UAT</li> </ul>
Co-delivery with HR, PMO and EPSO of the HR Transformation Programme	Series of deliverables to support the HR Transformation as agreed the workplan. NB: HR Transformation is considered as the Minimum Valuable Product for DPA	Q4 2022	<p><b>Target achieved</b></p> <p>Workplan completed, with finalization of the PoCs and Pilots for Wave 0, preparatory phase.</p> <p>EPSO future landscape defined.</p> <p>Approval for Wave 1 implementation.</p>

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Latest known results (situation on 31/12/2022)</b>
Co-delivery with the SG of all the priorities in the domain of document management.	In line with the DPA, identify custom components or functionalities to replace with out-of-the-box features of Documentum.	Draft paper and review by HAN governance by 2022	<b>Target achieved</b> A study was conducted together with OpenText and was reviewed by HAN governance. Following this study, a proof of concept will follow, in parallel with an exercise of process simplification.
	Offer new integration models with the HAN platform. It will enable client systems to benefit from the file management and preservation features of HAN without the need to store the content in the central Hermes repository	Major scenarios to be implemented in 2022, the remaining ones in 2023.	<b>Target partially achieved</b> Analysis was completed, with the decision to focus on improving the a-REP transfer tools for content from EC-Information systems, in the framework of the Digital Preservation Strategy.
	Deliver the first phase of the AMS project implementing the core functionalities which will allow to phase out the legacy system in use (Archis)	Production release in Q1-Q2 2023.	<b>Target not achieved</b> Delivery is delayed due to scope larger than estimated and issues with contractor. New target for MVP to phase out Archis is end 2023.
	List of remaining DIGIT actions as agreed in the workplan	100% by December 2022	<b>Target achieved</b> Implementation of HAN workplan is successfully completed.
Co-delivery with the SG of all the priorities in the domain of legislative lifecycle management.	Further integration of EdiT in different modules of Decide to support the decision in view of the pilot phases in 2022 and 2023.	Integration of Edit in the modules of Decide at 50% by end 2022 (with the goal of finishing by end 2023)	<b>Target achieved</b> Integration of Edit with DECIDE modules completed at 50%, with the completion of 6 successful pilots in 2022 on DECIDE-Consultation with SG.



<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Latest known results (situation on 31/12/2022)</b>
	Electronic seal and signature implemented in Decide Decision	Q4 2022	<b>Target not achieved</b> Postponed to 2024 to give priority to the integration with DGT e-Poetry in 2022
	Start the work on removal technological debt of old modules of Decide (eGreffé, VISTA and ASAP)	50% of the work done by end 2022 (with the goal of finishing by end 2023)	<b>Target partially achieved</b> ASAP absorbed by DECIDE-Replies – in production in Q1 2023. Migration of VISTA postponed to 2024. 1 <sup>st</sup> Part of e-Greffé integration with DECIDE-Decision completed. In light of the 5-year Strategic Vision of DECIDE architecture, the High Level Steering Committee has decided to conduct a study on the AS-IS architecture and to lead 2 Proof of Concepts on future technology. Decision on a way forward at HLSC foreseen for July 2023.
	List of remaining DIGIT actions as agreed in the workplan	100% by December 2022	<b>Target achieved</b> 100% of 2022 priorities delivered as per Work plan and SG priorities.
Design, deliver and manage the Reusable Solutions Platform.	Delivery according to the workplan endorsed by the RSP Steering Committee (ITCB).	RSP Portfolio extended as per the approved RSP Master Plan 2022	<b>Target achieved</b> New solutions joined the RSP in 2022 (eForms, Audit Trail, Speech-to-Text, Kafka, Eu Captcha, eTranslation); RSP+ plans are being developed to integrate the COTS/cloud dimension
Foster reuse through the Reusable Solution Platform	Cost avoidance resulting from reuse of RSP	By December 2022, cost avoidance equivalent to 250 FTEs	<b>Target achieved</b> The 2022 target (250 FTEs) was exceeded by 3% (258.4 FTEs), reaching 65% of the 2024 target (400 FTEs)

**General objective 7: A modern, high-performing and sustainable European Public Administration**

**Specific objective 7.2: The Commission exploits the potential of data, information, knowledge and content management for policy shaping, communication, citizens and staff engagement**

**Result indicator: Data, information, and knowledge maturity progression**

**Source of data:** Data progression model (DIGIT)

<b>Baseline 2020</b>	<b>Interim Milestone 2022</b>	<b>Target 2024</b>	<b>Latest known results 2022</b>
<p>24% - Level 2 – Reactive Data management is approached in silotic mode – awareness of data relevance and management is generally basic with some areas more advanced</p> <p>Data Progression Model (%):                      0 Unaware                      1-20 Aware                      21-40 Reactive                      41-60 Proactive                      61-80 Managed                      81-100 Optimised</p>	Increase	Increase	<p><b>Target achieved</b>                      35% - Level 2 – Reactive                      Achievements (indicated by update activity in the EC Data Catalogue):                      - Further progress in the corporate organisation of specific data assets (in 2022 with focus on budgetary and financial data)                      - Continuous scrutiny of data related initiatives according to the corporate data vision and corporate guidelines                      - Local initiatives (e.g. budgetary and financial data, IT assets) and progress; regular update of the EC data catalogue key assets.</p>

**Result indicator: Collaboration maturity progression**

**Source of data:** Collaboration progression model (DIGIT)

<b>Baseline 2020</b>	<b>Interim Milestone</b>	<b>Target 2024</b>	<b>Latest known results 2022</b>
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	<b>2022</b>		
<p>23% - Level 2 – Exploratory Initial objectives in terms of collaboration are designed; the organization locally works in collaborative mode but not in a systematic manner</p> <p>Collaboration Progression Model (%): 0 Unaware 1-20 Aware 21-40 Exploratory 41-60 Defined 61-80 Adoptive 81-100 Adaptive</p>	Increase	Increase	<p><b>Target achieved</b> 35% - Level 2 – Overall increase in the use of corporate collaborative solutions and adoption of M365-Teams; Actions towards the alignment with the technical landscape of the Single Integrated Framework for Collaboration (e.g. streamlining and rationalisation in view of the phase-out of Connected and SharePoint on premises); systematic use of corporate collaborative tools for key processes (e.g. multiannual and annual planning/reporting, Change@DIGIT).</p>
<p><b>Result indicator: Corporate web presence</b> <b>Source of data:</b> Number of sites migrated to the new platform (DG COMM and DIGIT)</p>			
<b>Baseline 2020</b>	<b>Interim Milestone 2022</b>	<b>Target 2024</b>	<b>Latest known results 2022</b>
4 web sites transitioned to the new platform 10 new websites built directly in the new platform	70 sites	All relevant web sites	<p><b>Target achieved</b> 61 out of 61 web sites transitioned to the new platform 59 new websites built directly in the new platform</p>

			Scheduled releases of the platform done
<b>Result indicator: Use of online engagement platforms</b>			
<b>Source of data:</b> Use of engaging platforms/number of participants (DIGIT)			
<b>Baseline 2020</b>	<b>Interim Milestone 2022</b>	<b>Target 2024</b>	<b>Latest known results 2022</b>
1 major engagement initiative be launched – Future of Europe Conference	3 major engagement initiatives	10 major engagement initiatives	<b>Target partially achieved</b> One major engagement initiative was launched and concluded (Future of Europe Conference), this was a very high profile initiative though, encompassing all foreseen thematic initiatives.

### Main outputs in 2022:

#### Other important outputs

Output	Indicator	Target	Status in December 2022
<b>EC data ecosystem (DataStrategy@EC - EC data platform)</b>			

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
EC data ecosystem DataStrategy@EC deliverables: data platforms; data analytics; data catalogue; contribution to the deliverables for data policies and governance, data skills and trainings.	<p>IMSB Rolling Action Plans (RAP) milestones realised</p> <p>DataStrategy@EC Action Plan milestones realised</p> <p>Support to DataStrategy@EC actions provided</p> <p>Operational coordination of the DataStrategy run</p> <p>BI@EC (Business Intelligence) strategy in place</p> <p>AI@EC (Artificial Intelligence) package set-up</p>	<p>100% of 2022 IMSB RAP deliverables produced (e.g. 2 executive cockpits – Commissioner and Director General versions)</p> <p>100% 2022 DataStrategy@EC Action Plan milestones realised</p> <p>BI@EC strategy in place by 2022Q4</p> <p>AI@EC package released by 2022Q2</p>	<p><b>Target partially achieved:</b></p> <p>Executive Cockpits for Commissioner and DIGIT Director General released; two other DGs cockpits in progress.</p> <p>BI@EC strategy implementation steps defined and workshops with DGs scheduled in Q1 2023.</p> <p>AI@EC package presented to IMSB, strategic documents being consulted with DGs, alignment with the legislative path of the AI Act proposal ensured; launch of the ISC scheduled in Q1 2023..</p>
EC data platform	Ready-to-use environments ready to deployment - on cloud and first instance on prem	<p>Ready-to-use cloud data environment available according to ISMB RAP by end 2022</p> <p>Ready-to-use on premises data environment available according to IMSB RAP by end 2022</p> <p>2 releases of the data platform</p>	<p><b>Target partially achieved</b></p> <p>Ready-to-use data environment on cloud (Azure and AWS) released. Proof of Concept on the usage of private cloud (OVH) ongoing; on premises instances on hold awaiting the outcomes of the PoC on private cloud.</p>
<b>EC Collab – Single Integrated Framework for Collaboration</b>			

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
<p>Single Integrated framework for collaboration (EC Collab): toolset of corporate integrated collaborative solutions built around M365</p>	<p>Implementation of the integration/migration/ phase-out phase of the single integrated framework for collaboration according to the detailed roadmap</p> <p>Actions identified for change management implemented</p> <p>Feedback from users Communication actions implemented</p>	<p>Regular use of the single integrated framework for collaboration solutions (M365, CIRCABC, Wikis, other solutions based on corporate technologies) for staff daily work – target 70% staff.</p> <p>Initial steps for the migration of content, phase-out of discarded solutions, streamlining of knowledge management and communication according to SIFC integration roadmap: preparation phase (2022Q2); initiation of the operational phase (end 2022).</p> <p>Change management for the single integrated framework for collaboration implemented by 2022Q2.</p> <p>Communication initiatives to staff (continuously during 2022)</p>	<p><b>Target achieved</b></p> <p>Joint approach (new intranet and EC Collab) change management developed.</p> <p>Intranet guidelines released.</p> <p>Migration technical tools tested.</p> <p>Support to DGs in cleansing their intranet/collaboration sites provided.</p> <p>Preparation for the launch of the transition operations completed.</p> <p>Transition monitoring framework set-up.</p>

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
Collaboration solutions (CIRCABC, Connected, Yammer, Wikis)	Collaboration solutions running and available to staff and other users	Support and maintenance of collaborative solutions	<b>Target achieved</b> Connected phase out implementation prepared and scheduled.
	New required features implemented	Development of relevant features	CIRCABC new features developed and released.
	User feedback Progressive preparation for the phase-out of Connected	Preparation of the phase-out implementation  Preparation of the phase-out of Connected (target phase-out date is December 2023)	Regular provision of the services for all collaboration solutions.
<b>Communication Platform (Intranet)</b>			<b>Status in December 2022</b>
My IntraComm: development of the intranet platform and provision of technical support	My IntraComm running and available to staff and other users	My IntraComm up and running	<b>Target achieved</b> Close collaboration with HR for the Future intranet
	New features implemented	Future intranet contribution provided	
	Future intranet developed according to roadmap		
<b>Europa Web Publishing Platform</b>			<b>Status in December 2022</b>
Web Presence of the Commission	Availability of the platforms – according to SLA criteria	All selected corporate sites migrated to the new platform	<b>Target achieved</b> Migration of the corporate communication sites accomplished in autumn as scheduled.
	Completion of the migration of target web sites migrated to the new Europa web publishing platform or to Open Europa	Selected new features implemented	
	Europa search and web analytics services available	Availability of corporate supporting services (search, web analytics)	Migration to the cloud achieved for more than 200 sites.
	Feedback from users		Regular availability of the platform according to SLA criteria. Services for Europa regularly available.
<b>Engagement Platforms and solutions</b>			<b>Status in December 2022</b>

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
Citizens engagement platform (ensuring functioning of the platform)	Availability of the platform for the future of Europe Conference  Number of users  Feedback from users  Number of citizens engagement initiatives supported by the platform	Future of Europe Conference online platform up and running (90% availability); business owner operational targets achieved and agreed features released  Extension of the use of the platform to other citizens engagement initiatives	<b>Target achieved</b> Availability of the platform ensured till the final event in May 2022 and for the follow-up activities
EU Survey: EC survey tool	Feedback from users  Number of scheduled surveys run  Critical issues solved  New features implemented	Provision of the service  Evolutive maintenance  Incorporation of new features  Support to public consultations  Support to internal surveys	<b>Target achieved</b> Service provided to support an increasing number of consultations.  New module for eVote developed and applied to the election of the local staff committee in Luxembourg.
EU Academy	Availability of the EU Academy platform	EU Academy platform up and running (90% of availability)  Business owner operational targets achieved  and agreed features released	<b>Target achieved</b> Release of the platform in summer. Continuous development of the platform according to the business owner operational targets.
<b>Data, information and knowledge management</b>			<b>Status in December 2022</b>



<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
IMSB Rolling Action Plans implementation - Monitoring	Number of IMSB monitoring report	2 IMSB monitoring reports produced.	<b>Target achieved</b> IMSB rolling action plan (RAP) monitoring report for 2022S1 prepared.  Contribution to the 2022S2 report on DIGIT activities provided
<b>Innovation</b>			<b>Status in December 2022</b>
Digital innovation (former ICT innovation)	<p>ICT innovation framework implemented (operational model, selected enablers, roadmap of events and activities)</p> <p>Number of co-innovation projects launched, run and accomplished</p> <p>ICT innovation governance in place</p>	<p>iLab operational model in place by 2022Q2</p> <p>Co-innovation framework in place by 2022Q2</p> <p>Enablers in place – implementation according to 2022 roadmap</p> <p>Establish a roadmap of events; roadmap released by 2022Q1</p> <p>ICT innovation projects identified – annual cycle</p> <p>ICT innovation governance running and used by end 2022</p>	<p><b>Target achieved</b></p> <p>Co-innovation governance established – official launch in February 2023. This will allow the progressive population of the list of innovation activities.</p> <p>The list of innovation events is still not yet systematically compiled.</p>

**General objective 7: A modern, high-performing and sustainable European Public Administration**

**Specific objective 7.3: A digital delivery model supports the Commission as a world-class agile and collaborative ‘open administration’**

**Result indicator: Level of adoption of DevSecOps practices.**

**Source of data:** Yearly survey

<b>Baseline (2020)</b>	<b>Interim Milestone (2022)</b>	<b>Target 2024</b>	<b>Latest known results (2022)</b>

Current level of adoption of DevSecOps practices defined in 2020 as 2.7 out of 4 (based on the answers provided by 15 DGs to a DevSecOps survey)	+10%	+20%	<b>Target achieved</b> Adoption level in 2022: 3.1 out of 4 (+14.81% increase vs 10% target, hence over 2022 milestone, based on the answers provided by 36 answers vs 27 in 2020 to a DevSecOps survey)
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### Main outputs in 2022:

#### Other important outputs

Output	Indicator	Target	Status in December 2022
Evolve DIGIT catalogue of services to align them with the requirements of the Dual Pillar Approach	Set of services created or updated cross-DIGIT (e.g. architecture, market ready solutions, enhanced RSP, data, cloud/infrastructure, security, etc.).	By end 2022	<b>Target achieved</b>
Complete the set of DevSecOps "foundation" services to enable the DGs to fully automate their software delivery process (production faster, more efficiently and with less costs).	Number of DGs with at least one project completely onboarded	5 by end 2022	<b>Target achieved and exceeded:</b> 7 (target: 5) DGs have at least one project completely onboarded (DG TAXUD, DG GROW, INTPA, SG, ECHO, RTD, DIGIT)
	Number of projects with a completely automated software delivery process	15 by end 2022	<b>Target achieved and exceeded:</b> 24 (target 15) are automated software delivery process in compliance with our maturity matrix

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
Establish a solid foundation for a corporate working culture based on open source principles (as described in the Open Source Strategy)	Delivery according to the action plan endorsed by Commission as part of the Open Source Strategy	Actions for 2022 fully implemented by December 2022	<b>Target achieved:</b> code.europa.eu operational, IP/security guidelines in place, outreach activities (i.e. hackathons, bug bounties, OSPO network) completed. FOSSEPS pilot project progressed according to plan, with some pending architectural decisions for 2023.
Establish a solid foundation for corporate approach for Mobile Applications in the European Commission.	Delivery according to the Mobile Applications Action plan endorsed by the ITCB	Actions for 2022 fully implemented by December 2022	<b>Target achieved</b> The activities for 2022 were prioritised and completed. The EC Mobile Apps Office service is operational.
Establish a solid foundation for a corporate user experience (UX) practice in the European Commission.	Delivery according to the UX action plan endorsed by the ITCB	Actions for 2022 fully implemented by December 2022	<b>Target achieved</b> 12 done out of 12 Project progress report provided to ITCB of July

## General objective 7: A modern, high-performing and sustainable European Public Administration

### Specific objective 7.4: A Commission resilient to ever evolving digital security threats

#### Result indicator 1: Level of Cyber Awareness programme reach out to staff (in %).

Source of data: DIGIT and HR for the Staff population

<b>Baseline (2020)</b>	<b>Interim Milestone (2022)</b>	<b>Target 2024</b>	<b>Latest known results (2022)</b>
24% High reach out due to interest of staff to receive guidance on how to be secure online when teleworking	25% (Staff can receive cyber awareness sessions approximately once every 4 years)	35% (Staff can receive cyber awareness sessions)	<b>Target achieved</b> Average participation rate in all 3 CA-SEP <sup>(2)</sup> 2022 training is 36% - with highest rate of

<sup>(2)</sup> Cyber-aware Security Education Programme: [Cyber Aware – Security Education Programme \(europa.eu\)](https://code.europa.eu) – training is sent by mail to all EC staff.

		approximately once every 3 years)	43% in 'spear phishing threats' training. 30% of staff participated also in a live (online) cyber awareness session or activity.
<b>Result indicator 2: Time to closure for security incidents</b>			
<b>Source of data:</b> DIGIT – CSIRC ticketing system			
<b>Baseline (2020)</b>	<b>Interim Milestone (2022)</b>	<b>Target 2024</b>	<b>Latest known results (2022)</b>
16.83 working days	15.3 (-10%)	13.6 (-20%)	<p><b>Target achieved:</b> 13.23</p> <p>The absence of critical IT security incidents in 2022, in combination with the on-going CyberOps 2.0 business transformation have allowed to drastically reduce the time to closure and to reach both the intermediate target of 2022 (15,3 days), but also the final target of 2024 (13,6 days). Additionally, automated collaboration channels established with external stakeholders (CERT-EU and DIGIT.S.1 Security Assurance) also contributed to reducing the time to close cyber incidents.</p>

## Main outputs in 2022:

### Other important outputs

Output	Indicator	Target	Status in December 2022
Implementation of Cyber Aware Programme reaching out to a certain percentage of staff and activities	Equally weighted compound index composed of the:	100% by Q4 2022	
	Number of staff participated to the programme	(25% participation of total staff population)	<b>Target achieved:</b> Average of 36% staff participation in training delivered by means of the Cyber Aware Security Education Programme (CA-SEP) <sup>(3)</sup> .
	Delivery of the phishing exercises	4 phishing exercises	<b>Target achieved:</b> 4 phishing exercises run for all Commission staff.
	Number of developers using the dedicated training platform	400 developers trained)	<b>Target partially achieved (50%):</b> 200 developers using dedicated training platform (Secure Code Warrior). Actions are already planned for 2023 to increase the engagement and participation of developers.
	Equally weighted compound index composed of the:	100% by Q4 2022	<b>Target achieved:</b>
	Number of security plans reviewed	100% of the received security plans are reviewed	Security plans reviewed: 18 (100% treated)

<sup>(3)</sup> [Cyber Aware – Security Education Programme \(europa.eu\)](https://europa.eu) – training is sent by mail to all EC staff.

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
Delivery of IT security risk management review, IT security risk management advisory and IT security risk management query service requests at the agreed level	Number of ITSRR Advisory and Query service requests treated	100% of the received advisory and query requests are treated, up to the service delivery capacity upper ceiling of 100 working days	ITSRR advisory and query requests treated: 50 (100% treated)
2021 IT Security and Risk Report (ITSRR) and 2022 Intermediate ITSRRs covering all the EC departments, produced as annual exercise underpinning the implementation of the European Commission Digital Strategy and the IT Security Strategy. The report will reflect several dimensions of maturity including the compliance status.	Availability of the annual and intermediate ITSRRs	Q4 2022	<b>Target achieved:</b> The annual report covering 2021 delivered. First and second 2022 intermediate IT Security and Risk Report delivered.
Tailored periodic reports on IT security threats, risks, incidents and ongoing actions delivered by c-LISO service to each department using the service	Number of reports delivered per department	2 reports per DG by Q4 2022	<b>Target achieved:</b> Both reports delivered in 2022, as planned.
All the DG's, in particular the LISO and SSO roles, are onboarded on the GRC system and at least one IT system attested compliance for all the prioritized controls identified by DIGIT.	Number of DGs onboarded to the GRC system with at least one IT system attested for compliance with the prioritized controls	100% by Q4 2022	<b>Target achieved:</b> All DGs are onboarded on the GRC system.

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
Red Team exercises	Availability of the service and number of Red Team exercises conducted	Service available and at least two exercises performed (cloud & on-premises) by Q4 2022	<b>Target achieved:</b> Service available, with one activity finished and another one initiated within 2022. Two more activities planned for Q2/2023, while the current capacity is estimated for four large scale and complex/hybrid systems per year.
Asset Inventory and Vulnerability Management (AIVM) in the cloud	Availability of the service for the major cloud providers	Discovery and vulnerability assessment of AWS & Azure cloud assets by Q2 2022	<b>Target achieved:</b> Service is available for the two major Cloud Service Providers AWS and Azure as of Q1/2022 with discovering of cloud assets, performing regular vulnerability assessments and documented reporting. The cloud vulnerabilities are imported in AIVM and the reporting will improve from the documented reports to user access to AIVM.

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
<p><u>Cyber Security Monitoring service:</u> Improvement of the monitoring scalability notably through playbook development, automation orchestration and machine learning by using a SOAR (Security Orchestration, Automation and Response) platform</p>	<p>Ratio: Number of playbook available on SOAR platform vs number of security monitoring use cases</p>	<p>80% by Q4/2022</p>	<p><b>Target partially achieved (50%):</b> The selection and the acquisition of the Security Orchestration, Automation and Response (SOAR) solution was completed. Six playbooks have been implemented, addressing 6 security use case families out of the 12 in the detection content library. It has to be noted that this output relates to the ‘time to closure for security incidents’ (specific objective 7.4, result indicator 2), and even with only partial achievement of this objective, the ‘time to closure for IT security incidents’ improved drastically in 2022.</p>
<p><u>Cyber Threat Hunting service:</u> Upscale the current threat actors tracking with an automated enrichment pipeline and provide briefing on those threat actors moves to management</p>	<p>On-time delivery of the pipeline</p>	<p>Pipeline in place by Q4/2022</p>	<p><b>Target achieved:</b> Delivered on the old infrastructure: the pipeline is in place on the old system and briefings have been given to management during ad-hoc briefings as well as threat landscape presentations. In the context of CyberOps 2.0, the business transformation initiative of Digit S.2, the pipeline will be migrated to a new platform.</p>



<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
<u>Cyber Security Incident Response service:</u> Development of technical capabilities to provide incident response for mobile environment and applications.	Availability of the technical capability	Technical capabilities to provide forensic capability for iOS devices available by Q4/2022.	<b>Target achieved:</b> The initial version of the technical capability to do forensics on iOS devices has been implemented. The capability will be further developed in 2023, in close collaboration with CERT-EU and other EU-Is.
<u>Cloud:</u> Implementation of a technical solution and related processes for container security (log file visibility and response actions)	On-time implementation of the milestones of the agreed plan	Pilot for Public Cloud (AWS, Azure) by Q4/2022	<b>Target achieved:</b> The container security pilot for public cloud has been realised. Potential extensions to additional public cloud environments will be assessed in 2023.
<u>Strategic projects:</u> Finalise the procedures for on-boarding non-ITIC <sup>(4)</sup> environments to Carbon Black Cloud, integrated with DIGIT.S2 Security Services	Endpoint Detection & Response (EDR) Service Bundle agreement and deployment with at least one (1) non-ITIC customer.	Deployment of EDR service to one non-ITIC customer by Q2/2022	<b>Target achieved:</b> The output target has been realised in Q2/2022 with the establishment of the new Endpoint Security Solutions service which has already been successfully delivered to four (4) non-ITIC customers by the end of 2022.

## General objective 7: A modern, high-performing and sustainable European Public Administration

### Specific objective 7.5: The Commission is a resilient public administration with a performing digital infrastructure and a fit-for-purpose Digital Workplace (DWP)

#### Result indicator 1: Overall satisfaction level of the end users with the digital workplace solutions provided by DIGIT

**Source of data:** IT Workplace solutions – User satisfaction survey. This survey started in 2015 and is run annually.

<b>Baseline (end 2019)</b>	<b>Interim Milestone (end 2021)</b>	<b>Target 2024</b>	<b>Latest known results (2022)</b>
Target set in the previous Strategic Plan: end users satisfaction level above 80%	Maintain end user satisfaction level above 80%	Maintain end user satisfaction level above 80%	The 2022 IT Survey concluded to an overall satisfaction rate of 91%

<sup>(4)</sup> ITIC: IT Infrastructure Consolidation.

<b>Result indicator 2: Number of EU Institutions using cloud broker service</b>			
<b>Source of data:</b> DIGIT			
<b>Baseline (end 2019)</b>	<b>Interim Milestone (end 2021)</b>	<b>Target 2024</b>	<b>Latest known results (2021)</b>
21	30	60	34
<b>Result indicator 3: Overall infrastructure volume based on number of servers and amount of storage</b>			
<b>Source of data:</b> DIGIT			
<b>Baseline (end 2019)</b>	<b>Interim Milestone (end 2021)</b>	<b>Target 2024</b>	<b>Latest known results (2022)</b>
	(end 2021, % over end 2019)	(end 2024, % over end 2019)	(end 2022, % over end 2019)
Number of servers: 14 867	+79%	+332%	19 688 (34.05%)
Storage capacity: 24 894 Terabytes	+49%	+170%	58 733 (135%)

<b>Main outputs in 2022:</b>			
<b>Other important outputs</b>			
<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
CoP – Cloud on Prem: expansion of the Containers service	Number of operational Kubernetes clusters in use	At least 50	<b>Target achieved:</b> 125 clusters deployed for customers
CoP – Cloud on Prem: Introduction of the Object Storage Service	Roll-out and Availability of the Service in the CoP market place and in the DIGIT Service Catalogue	Available by Q2 2022	<b>Target achieved:</b> Service available on the COP market place in Production. Service catalogue entry drafted and sent for publication.
CAMS Service - Cryptographic Assets Management Service:	Availability of the Service in the DIGIT Service Catalogue	Available by Q2 2022	<b>Target achieved:</b> Service is operational with Customers in Production. Service catalogue entry drafted and sent for publication
PAM Service – Privileged Access Management	Secured Administration of Cloud (On Prem and Public) and Data Centre services:	At least 5000 targets by Q4 2022	<b>Target achieved:</b> 18 DGs onboarded. 36 Corporate services covered by PAM 17231 targets operational.

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
DC Rooms Strategy approved by ITCB	Increased WIND server installation capacity	New room in WIND operational by Q4 2022 <sup>(5)</sup>	<b>Target achieved:</b> New room in WIND delivered and fully operational.
General availability of cloud-native operational service: supporting shift towards cloud-enabled delivery models for the corporate digital infrastructure	Availability of Cloud-native operational service in the Service Catalogue	Cloud-enabled operational service available in 2022	<b>Target partially achieved:</b> The new service COE (Cloud Operational Efficiency) was used by DG GROW, as a pilot, for the release of a new information system entering into production mid-December 2022. General availability of the service is scheduled for January 2023 with a publication in the Service Catalogue.
Availability of cloud-enabling New Deployment Model (NDM) as a service: Paving the way for adoption of cloud-based delivery models, while ensuring corporate alignment and control	Release of first major NDM-enabled service: Weblogic 14, which is the main technology underpinning the large majority of EC Information Systems	First major NDM-enabled service available in 2022: Weblogic 14	<b>Target achieved:</b> The service has been re-baptized CDM (Cloud/Container Deployment Model) and went live December 2022 when the information system MIPS entered into production using the new service.

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<sup>(5)</sup> Rental contract needs to be signed by OIL.

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
DWP - Roll-out of the secure WELCOME domain	Number of users migrated	75% of users migrated by end 2022	<b>Target partially achieved:</b> 90% of CAB staff was onboarded between March-May 2022. Upgrading to Welcome remained at voluntary level and by the end of 2022 we have reached about 50% of number of users migrated as average. Specific DGs reached above 75 % of upgrades (e.g. OP, OIL, IAS, TAXUD, HADEA, ERCEA, REA)
DWP – adaption of support to new ways of working	Number of Techbars available in buildings re-organised as Dynamic Collaborative Space (DCS) in line with OIB building policy and roadmap	At least 3 Techbars, re-organised as DCS, implemented in buildings by end of 2022	<b>Target partially achieved:</b> Achieving the target is linked to the OIB Buildings Policy timeline and consequent availability of spaces to be (re) designed as IT Hubs (formerly called Tech Bar). In 2022 two IT Hubs were set in two separate buildings, COVE and BREY and preparatory phase had been underway for a third IT Hub in L107.

Output	Indicator	Target	Status in December 2022
	Number of buildings equipped with smartlockers.	Smartlockers in use in 10 buildings	<p><b>Target partially achieved:</b></p> <p>The proof of concept regarding installation and assessment of smartlockers was performed in 2022. Three smartlockers were installed in three buildings (Brussels and Luxembourg) and the objective of number of installed smartlockers (10) was reoriented to quality of logistics services delivered through the smartlockers and uptake of usage by end-users.</p>
	The welcome centre in building PLB3 becomes the default location for providing IT equipment to newcomers in BXL.	Building PLB3 is the default location for providing IT equipment to newcomers in BXL by Q1 2022.	<p><b>Target achieved:</b></p> <p>The PLB3 became default newcomers onboarding location. Operational since beginning of 2022.</p>
	Availability of a dedicated 'IT Butler Service' dedicated for VIP support.	'IT Butler Service' dedicated to VIP support (Level of director and above) available by Q4 2022.	<p><b>Target achieved:</b></p> <p>A dedicated VIP team is put in place to support VIPs (Directors and above). A dedicated VIP phone number was ready to implement by end of 2022. The service became operational 1/02/2023.</p>

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
DWP – continuous improvement	Implementation of a new Call Center as a Service (CCaaS) solution.	Pilot for new CaaS solution finalised by end 2022	<b>Target achieved:</b> Pilot discontinued and motivated by a high cost. Reorientation of the priority towards a corporate CaaS solution. To be assessed in 2023.
DWP - expansion	Prepare for JRC WELCOME migration	Due diligence for JRC migration to DWP and WELCOME  Infrastructure design for JRC migration to DWP	<b>Target achieved:</b>  Due diligence got delivered  Infrastructure design got delivered and implementation started
	Investigate COMM Representation WELCOME migration	Proposal for a possible integration of COMM Representations into DWP	<b>Target achieved:</b> Discussion showed that the topic was premature, and the topic should be revisited in mid-2023 following the JRC migration experience.
ServiceNow platform as a Service	Foundational data in the platform	CMDB: integrating with at least 3 corporate inventories.	<b>Target achieved:</b> Integration well on track for datacentre, digital workplace and mobile devices inventories

Output	Indicator	Target	Status in December 2022
	Integration with corporate systems	<p>Integrations: integrating with at least 3 corporate systems (e.g. EU login, COMREF, JIRA).</p> <p>API available for customers to build integrations for at least 3 processes (incident, request, change).</p>	<p><b>Target partially achieved:</b></p> <p>Integration completed for EU Login, COMREF, JIRA and others systems as email.</p> <p>API available for testing by automated processes.</p>
	Platform Governance	Governance proposal validated.	<p><b>Target achieved:</b></p> <p>Governance proposal approved by Service Now Steerco in December 2022 and by DIGIT management in January 2023. Presentation to ITCB foreseen in first half 2023.</p>
New IT Service Management tool	IT Service Management processes implemented in the tool	At least 5 processes implemented in the tool (e.g. Incident, request, change, problem, knowledge management).	<p><b>Target achieved:</b></p> <p>First versions for agent and customer portal, request fulfilment, incident, and change management implemented and being tested by pilot services.</p>
Infrastructure Cost Control Tool	Improved usability and user training.	Launch of regular workshops during 2022 to collect feedbacks from users in order to improve tool usability.	<p><b>Target achieved:</b></p> <p>2 workshops took place in Q1 complemented with dedicated sessions on demand with customer users. Some feedback implemented</p>

Output	Indicator	Target	Status in December 2022
	Advanced cost control features (alerts, improved forecast)	Implementation of suppliers Dashboard, Co-financing dashboard for Cloud and alerting system	<b>Target partially achieved:</b> Cofinancing dashboard implemented.
	Full replacement of Unified Reporting	Phase out Unified Reporting.	<b>Target partially achieved:</b> Unified Reporting already closed for customers. Decommission will follow
Cloud Broker Procurement - access to major cloud service providers -CSP- (infrastructure, managed service for operations and development)	Provide access to CSPs to EU bodies that do not have access to the contracts of the broker  Deliver managed services to interested entities	1 Contract signed in Q1 2022 2nd Contract signed by October 2022  Comply with the demand (max. capacity of 5 competitions)	<b>Target achieved:</b> Access to CSPs (Cloud II DPS1) on track - Contract following award of Cloud II DPS1 Minicompetition7 (MC7) signed in February 2022. - MC8 published in June 2022. Signature expected in November 2022  Two Mini-competitions awarded (DPS2 MC9 and MC10). Generic consulting mini-competition (MC11), resulting in framework contract to enable fast access to consultancy published in June 2022 and awarded in January 2023. Cloud broker progressed as well in preparation the two additional mini-competitions resulting in framework contracts, which were delayed to integrate lessons learnt from MC11, will be launched in 2023.
Cloud Governance – assess and leverage business stakeholders understanding of usage of cloud services	Assessment of the understanding cloud in the business community Leverage knowledge of the business community	One study delivered S1 2022. One communication campaign Q3 2022.	<b>Target partially achieved:</b> Study delivered on time.



Output	Indicator	Target	Status in December 2022
		Permanent support with FAQ made available	Cloud council started communication campaign end 2022 and presented action plan in ITC Board in January 2023.
Cloud Governance – outstanding blockers of the cloud adoption identified and addressed	<p>Prioritisation of outstanding cloud adoption blocker or enablers performed</p> <p>Solution to blockers defined and validated through Cloud Council working groups</p>	<p>Blockers identified and prioritised, validated by the ITCB Jan. 2022</p> <p>5 outstanding blockers or enablers addressed in 2022</p>	<p><b>Target achieved:</b></p> <p>State of play of cloud strategy implementation, defining enablers and blockers, and cloud council work programme presented to ITCB in February 2022.</p> <p>Perceived data protection risks, risks linked to uncontrolled usage of SaaS, creation of central services for cloud, skills scarcity and cloud perception by the business were addressed by the different working groups of the cloud council and/or by different DIGIT activities</p>
Cloud Security - HR.DS Outsourcing Recommendations mapped to technical controls	Technical implementation of HR.DS Outsourcing Recommendations documented for architectures of reference and for SaaS	<p>SaaS rules defined by Q3 2022</p> <p>Corporate architecture rules define by Q4 2022</p>	<p><b>Target achieved:</b></p> <p>Cloud council proposal for SNC in IaaS/PaaS endorsed by ITCB in February 2022. Recommendations for SaaS formally approved by Cloud Council and ITCB in January 2023.</p>
Cloud Security - Identity and Access Management for Cloud Administrators	A policy for administrative accesses to AWS control plane for all types of Commission & Executive Agency environments is defined and planned	<p>Policy defined by June 2022</p> <p>Implementation plan by Dec. 2022</p>	<p><b>Target achieved:</b></p> <p>Policy for privileged accounts defined and implemented in pilot phase.</p> <p>Policy for non-privileged accounts being reviewed to find a more cost-effective solution</p>
Cloud Security - Cloud Landing Zone	Number of Azure Active Directories migrated or phased out, in favour of the consolidated governed Active Directory for IaaS/PaaS	40 Directories by October 2022.	<p><b>Target achieved:</b></p> <p>Target reached by July 2022</p>

Output	Indicator	Target	Status in December 2022
	Commission and Executive Agencies operating with a set of predefined security controls and integration with the security services.	At least 65% of the cloud resources protected with the secure landing zone by end of 2022.	<b>Target achieved:</b> 90% of cloud accounts protected with secure landing zone
	Review of the operating model of the Landing Zones (i.e. definition of the central managed service)	Programme validated by the ITCB Q3 2022	<b>Target partially achieved:</b> Cloud council working group on landing zone produced a first version of the landing zones scope in 2022. The final version that will be presented to the ITCB in Q1 2023, will include a realistic roadmap for the evolution of the landing zones and implementation of the different managed services. This roadmap is currently being developed together with the operational units that will actually implement the different services.

General objective 2: A Europe fit for Digital Age			
<b>Impact indicator:</b> Aggregate score in the Digital Economy and Society Index (DESI)			
<b>Source of the data:</b> European Commission			
Baseline 2019	Interim Milestone 2022	Target 2024	Latest known results 2022
49.4	Increase	Increase	52.6
<b>Specific objective 2.1: The Commission implements its EU-wide policies through high-quality, trusted, borderless digital public services that facilitate free flow of data and boost the digital single market</b>			<b>Related to spending programme: DEP</b>
<b>Result indicator: Evolution of the level of uptake and reuse of interoperability models and solutions in EU Member States.</b>			
<b>Source of data:</b> NIFO <sup>(6)</sup>			

<sup>(6)</sup> <https://joinup.ec.europa.eu/collection/nifo-national-interoperability-framework-observatory>.

<b>Baseline 2019</b>	<b>Interim Milestone 2022</b>	<b>Target 2024</b>	<b>Latest known results<sup>(7)</sup> 2022</b>
Scoreboard 1 EIF Principles: EU27 average value 4 (out of 5)	Scoreboard 1 EIF Principles: EU27 average value 4,5 (out of 5)	Scoreboard 1 EIF Principles: EU27 average value 5 (out of 5)	<b>Target achieved</b> Scoreboard 1 EIF Principles: EU27 average value 3.7 (out of 4)
Scoreboard 2 EIF Interoperability layers: EU27 average value 3,8 (out of 5)	Scoreboard 2 EIF Interoperability layers: EU27 average value 4,3 (out of 5)	Scoreboard 2 EIF Interoperability layers: EU27 average value 4,8 (out of 5)	<b>Target achieved</b> Scoreboard 2 EIF Interoperability layers: EU27 average value 4 (out of 4)
Scoreboard 3 EIF Conceptual model: U27 average value 3,6 (out of 5)	Scoreboard 1 EIF Conceptual model: U27 average value 4,1 (out of 5)	Scoreboard 1 EIF Conceptual model: U27 average value 4,6 (out of 5)	<b>Target achieved</b> Scoreboard 3 EIF Conceptual model: U27 average value 3,6 (out of 4)

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<sup>(7)</sup> To note: The scale of measurements was changed to 4 (not 5) following the advice from JRC last year and dashboards consolidated for a single value for DG Budget based on the median value of the average per MS. That is why the milestones had to be adapted accordingly. To be decided how / whether adapt and indicate here.

## Main outputs in 2022:

### Other Important Outputs

Output	Indicator	Target	Status in December 2022
Co-deliver with DG MOVE and DG GROW the obligations related to the Mobility Package I and the posting of drivers	In partnership with DG MOVE and DG GROW, implement the Directive 2020/1057 related to the Mobility Package I, to support the submission and the control of submitted posting of drivers declarations.	February 2022	<b>Target achieved:</b> Delivered as scheduled (launched 21 <sup>st</sup> of January 2022)
Co-deliver with DG MOVE and EMSA the Reporting Interface Moduel (RIM) in the context of the European Maritime Single Windows Environment (EMSWe)	First version of RIM delivered	Summer 2022	<b>Target achieved:</b> Delivered as scheduled (August 2022)
Co-delivery with DG JUST and DG FISMA of trans-European digital solutions in the domain of Company Law and Justice	<p>In partnership with DG JUST, extend BRIS (Business Registers Interconnection System) functionalities to implement the Mobility Directive (EU) 2019/2121.</p> <p>These functionalities will allow Business Registers to exchange information concerning cross-border company conversion, merger or division</p> <p>Some information on such cross-border mobility of companies should be also made available to interested parties on the e-Justice Portal pages.</p>	Q4 2022	<b>Target achieved:</b> Delivered as scheduled (November 2022)

### Initiatives linked to regulatory simplification and burden reduction

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
Interoperable Europe Policy Initiative – Legislative Proposal <sup>(8)</sup>	Policy Proposal adopted by the College	Adoption by Q2 2022	<b>Target achieved:</b> Proposal adopted by the Commission on 18 November 2022. The inter-institutional negotiations process initiated with a kick-off meeting at the Council - Telecom Working Party
<b>External communication actions</b>			
<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
Organisation of SEMIC conference	Number of participants	SEMIC will be organised in the 2 <sup>nd</sup> half of 2022, to continue the promotion and awareness raising of semantic interoperability, aiming at 300 participants.	<b>Target achieved:</b> SEMIC attracted 375 participants on site and 700 remotely. On social media, SEMIC generated 40 000 hits on LinkedIn.
Organisation of webinars to increase awareness among EU public administrations about existing building blocks and reusable interoperability solutions that can contribute to the digitalisation of cross-border and cross-sector EU public services	Number of webinars  Number of participants	Up to 20 webinars organised in 2022  Depending on the content, format and target audience of the webinar, reaching a number of participants between 25 and 200.	<b>Target achieved</b>
<b>Other important outputs</b>			
<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
Launch of Govtech Incubator under Digital Europe Programme	Call for Framework Partnership Agreement launched	Q2 2022	<b>Target achieved:</b> Call launched on time. Signature of the SGA foreseen for Q1 2023

<sup>(8)</sup> This initiative is linked to the Commission Work Programme 2022.

Output	Indicator	Target	Status in December 2022
Implementation of Digital Europe Work Programme	Implementation of 2021/2022 Work Programme (delayed because of delayed adoption in November 2021 only)	Q4 2022	<b>Target achieved:</b> Procurement calls launched in time. Business continuity ensured for ongoing projects and new ones initiated.
Cooperation with Member States central digital transformation offices in Government Interoperability Expert Group	Number of Expert Group meetings called by Commission.	At least 3 by Q4 2022	<b>Target achieved:</b> Support to the organisation and participation to the CIO network organised by the FR and CZ presidencies. Organisation of 2 physical expert group meeting plus one virtual.

## General objective 2. A Europe fit for Digital Age

### Specific objective 2.2: Trans-European Systems deliver user-centric and reusable digital solutions, supporting EU-wide public services

#### Result indicator 1: Aggregate score in the Digital Economy and Society Index (DESI)

Source of the data: [DESI](#)

Baseline (2019)	Interim Milestone (2022)	Target 2024	Latest known results 2022
49.4	increase	increase	52.6

#### Result indicator 2: Number of Information Systems connected to an EC-managed service or reusing a building block

Source of data: GOVIS and RSP Monitoring (Internal Commission's tools)

Baseline 2020	Interim Milestone 2022	Target 2024	Latest known results 2022
~40%	46%	52%	48%

## Main outputs in 2022:

### Other important outputs

Output	Indicator	Target	Status in December 2022
		Deploy new maintenance releases for all relevant eIDAS-related Building Blocks	<b>Target achieved:</b> Released eIDAS node v 2.6.

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
EU digital solutions (EU Building Blocks and trans-European systems)	Continue to develop and provide the building blocks of DEP to the Member States.	Release in production the European Blockchain Services Initiative (EBSI) technical infrastructure.	<p><b>Target partially achieved:</b></p> <p>DIGIT released the production-ready Blockchain node software, on which the EBSI piloting environment is already running. The production blockchain is expected to start to be actively used in 2023.</p>
		Support the implementation of the Once Only Principle Technical System (OOPTS).	<p><b>Target achieved:</b></p> <p>DIGIT released the Once Only Hub in 2022, a single environment providing reliable information, services and support to Member States implementing the Once Only Technical System.</p>
Identity and Access Management (IAM) – EU Login: integration and architecture evolution	Continue to improve EU Login by deploying additional features to improve security and user-friendliness	Continue to improve EU Login to cater for sustained growth and ensure long term resilience and reliability of the service.	<p><b>Target achieved:</b></p> <p>Several major security releases addressing new threats have been deployed.</p>
		New release of EU Authenticator, the next generation of EU Login mobile application, integrating EU Sign-specific functionality Improve EU Login user interface	<p><b>Target achieved:</b></p> <p>A new EU Login mobile app (not rebranded to EU Authenticator) for Android released. Performance improvements ensure platform capacity to support sustained user base increase.</p> <p>EU Login user interface improved; further improvements planned as part of upcoming EU Login v10.</p>

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
Identity and Access Management (IAM) – EU Sign: extending service integration in view of roll-out	Broaden the integration of EU Sign with main EC systems. Enable adoption of electronic signature for a larger user community within EC.	Finalise the integration with EU Login to move away from the use of SMS as part of the signature process.	<b>Target achieved:</b> EU Login integration with the EU Sign service finalised.
		Integrate EU Sign with several more applications, both in EC and other EUIBAs.	<b>Target achieved:</b> Integration with TRACES as the largest volume generator for eSealing and Signature. 47 EUIBAs now use EU Sign.
		Increase EU Sign reliability by enabling local EU Sign Connectors to run on client premises for selected customers.	<b>Target achieved:</b> EU Sign connector deployed by multiple clients, improving security and reliability of the EU Sign service.
		Explore providing EU Sign service to cloud-based clients.	<b>Target achieved:</b> EU Sign is collaborating with 6 European QTSPs to implement Cloud Signature Consortium API, Proof of Concept ongoing.
Identity and Access Management (IAM) – EU Access: increase service, extending service integration	Make EU Access available to systems beyond the pilot implementation Erasmus+, enabling integration of EC systems.	Increase adoption of EU Access as a corporate access management solution. Improve solution resilience by adopting DIGIT DevSecOps tools and processes.	<b>Target achieved:</b> Three DGs with fifteen applications in production. A revised service model released, offering System owners the possibility of a faster and simpler enrolling into EU Access. Implementing horizontal scalability and load balancing to increase resilience and reliability of the service. DevSecOps tools and processes in place.
		Deploy EU Access self-service kiosk	EU Access self-service kiosk in production.



<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Status in December 2022</b>
TESTA: complete the procurement for the future pan-European secure network	Award contract and start first phase of the implementation (Key documents, Planning, Design)	Manage the implementation of the new TESTA Framework contract.	<p><b>Target partially achieved:</b></p> <p>The award decision for the new TESTA Framework contract has been published during Q1/2022. However, contract signature is delayed due to legal actions launched by the bidders.</p>

**ANNEX 3: Draft annual accounts and financial reports**

**Annex 3 Financial Reports - DG DIGIT - Financial Year 2022****Table 1 : Commitments****Table 2 : Payments****Table 3 : Commitments to be settled****Table 4 : Balance Sheet****Table 5 : Statement of Financial Performance****Table 5 Bis: Off Balance Sheet****Table 6 : Average Payment Times****Table 7 : Income****Table 8 : Recovery of undue Payments****Table 9 : Ageing Balance of Recovery Orders****Table 10 : Waivers of Recovery Orders****Table 11 : Negotiated Procedures****Table 12 : Summary of Procedures****Table 13 : Building Contracts****Table 14 : Contracts declared Secret****Table 15 : FPA duration exceeds 4 years****Table 16 : Commitments co-delegation type 3 in 2022**

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

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## Additional comments

*Annex 3, tab 2, as generated from BI, does not take into account regularisation payments.*

*For this reason, the following payments are currently not part of DIGIT report:*

*SI2.4027527, SI2.4025439, SI2.4011232, SI2.4011227, SI2.4011231, SI2.4011235, SI2.4011240, SI2.4011241, SI2.4011243, SI2.4011244, SI2.3993138, SI2.3993208, SI2.3991723, SI2.3991904, SI2.3989202, SI2.3988313, SI2.3988149, SI2.3986934, SI2.3982723, SI2.3980437, SI2.3980440, SI2.3980442, SI2.3980444, SI2.3980446, SI2.3979840, SI2.3974444, SI2.3971157, SI2.3968037, SI2.3965944, SI2.3966189, SI2.3943045, SI2.3944296*

*"The accounting situation presented in the Balance Sheet and Statement of Financial Performance does not include the accruals and deferrals calculated centrally by the services of the Accounting Officer"*

<b>TABLE 1: OUTTURN ON COMMITMENT APPROPRIATIONS IN 2022 (in Mio €) for DG DIGIT</b>					
			<b>Commitment appropriations authorised*</b>	<b>Commitments made</b>	<b>%</b>
			1	2	3=2/1
<b>Title 01 Research and Innovation</b>					
01	01 01	Support administrative expenditure of the "Research and Innovation" cluster	5.97	5.83	97.62 %
	01 02	Horizon Europe	6.74	6.22	92.29 %
	01 03	Euratom Research and Training Programme	0.01	0.01	100.00 %
	01 20	Pilot projects, preparatory actions, prerogatives and other actions	1.82	1.82	100.00 %
<b>Total Title 01</b>			<b>14.55</b>	<b>13.89</b>	<b>95.45 %</b>
<b>Title 02 European Strategic Investments</b>					
02	02 01	Support administrative expenditure of the "European Strategic Investments" cluster	7.71	7.71	100.00 %
	02 02	InvestEU Fund	0.03	0.03	100.00 %
	02 03	Connecting Europe Facility (CEF)	4.93	4.93	100.00 %
	02 04	Digital Europe programme	53.19	53.19	100.00 %
	02 20	Pilot projects, preparatory actions, prerogatives and other actions	1.95	1.95	100.00 %
<b>Total Title 02</b>			<b>67.81</b>	<b>67.81</b>	<b>100.00 %</b>
<b>Title 03 Single Market</b>					
03	03 01	Support administrative expenditure of the 'Single Market' cluster	4.18	4.18	100.00 %
	03 02	Single Market Programme	10.62	10.52	99.13 %
	03 04	Cooperation in the field of taxation (FISCALIS)	0.85	0.85	100.00 %
	03 05	Cooperation in the field of customs (Customs)	5.75	5.75	100.00 %
	03 20	Pilot projects, preparatory actions, prerogatives and other actions	1.40	1.40	100.00 %
<b>Total Title 03</b>			<b>22.80</b>	<b>22.70</b>	<b>99.60 %</b>
<b>Title 04 Space</b>					
04	04 01	Support administrative expenditure of the 'Space' cluster	0.52	0.52	100.00 %
<b>Total Title 04</b>			<b>0.52</b>	<b>0.52</b>	<b>100.00 %</b>
<b>Title 05 Regional Development and Cohesion</b>					
05	05 02	European Regional Development Fund (ERDF)	7.94	7.94	100.00 %
	05 03	Cohesion Fund (CF)	2.60	2.60	100.00 %
<b>Total Title 05</b>			<b>10.53</b>	<b>10.53</b>	<b>100.00 %</b>
<b>Title 06 Recovery and Resilience</b>					
06	06 01	Support administrative expenditure of the 'Recovery and Resilience' cluster	2.94	2.94	100.00 %
	06 02	Recovery and Resilience Facility and Technical Support Instrument	0.35	0.35	100.00 %
	06 03	Protection of the euro against counterfeiting	0.03	0.03	100.00 %
	06 05	Union Civil Protection Mechanism (rescEU)	1.66	1.66	100.00 %

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

<b>TABLE 1: OUTTURN ON COMMITMENT APPROPRIATIONS IN 2022 (in Mio €) for DG DIGIT</b>					
			<b>Commitment appropriations authorised*</b>	<b>Commitments made</b>	<b>%</b>
			<b>1</b>	<b>2</b>	<b>3=2/1</b>
	06 06	EU4Health Programme	0.24	0.24	100.00 %
	06 20	Pilot projects, preparatory actions, prerogatives and other actions	0.92	0.92	100.00 %
<b>Total Title 06</b>			<b>6.14</b>	<b>6.14</b>	<b>100.00 %</b>
<b>Title 07 Investing in People, Social Cohesion and Values</b>					
07	07 01	Support administrative expenditure of the "Investing in People, Social Cohesion and Values" cluster	11.29	11.29	100.00 %
	07 02	European Social Fund Plus (ESF+)	4.80	4.80	100.00 %
	07 03	Erasmus	0.09	0.09	100.00 %
	07 04	European Solidarity Corps	0.40	0.40	100.00 %
	07 05	Creative Europe	0.00	0.00	0.00 %
	07 06	Rights and Values	1.39	1.28	92.23 %
	07 07	Justice	0.16	0.16	100.00 %
	07 20	Pilot projects, preparatory actions, prerogatives and other actions	12.90	12.90	100.00 %
<b>Total Title 07</b>			<b>31.03</b>	<b>30.93</b>	<b>99.65 %</b>
<b>Title 08 Agriculture and Maritime Policy</b>					
08	08 01	Support administrative expenditure of the "Agriculture and Maritime Policy" cluster	0.55	0.55	100.00 %
	08 02	European Agricultural Guarantee Fund (EAGF)	4.93	4.93	100.00 %
	08 03	European Agricultural Fund for Rural Development (EAFRD)	1.87	1.87	100.00 %
	08 04	European Maritime, Fisheries and Aquaculture Fund (EMFAF)	3.27	3.27	100.00 %
<b>Total Title 08</b>			<b>10.61</b>	<b>10.61</b>	<b>100.00 %</b>
<b>Title 09 Environment and Climate Action</b>					
09	09 01	Support administrative expenditure of the 'Environment and Climate Action' Cluster	2.97	2.97	100.00 %
	09 02	Programme for the Environment and Climate Action (LIFE)	0.72	0.72	100.00 %
	09 03	Just Transition Fund (JTF)	0.20	0.20	100.00 %
<b>Total Title 09</b>			<b>3.90</b>	<b>3.90</b>	<b>100.00 %</b>
<b>Title 10 Migration</b>					
10	10 01	Support administrative expenditure of the "Migration" Cluster	0.46	0.46	100.00 %
<b>Total Title 10</b>			<b>0.46</b>	<b>0.46</b>	<b>100.00 %</b>
<b>Title 11 Border Management</b>					
11	11 01	Support administrative expenditure of the 'Border Management' cluster	0.38	0.38	100.00 %
<b>Total Title 11</b>			<b>0.38</b>	<b>0.38</b>	<b>100.00 %</b>
<b>Title 12 Security</b>					

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12	12 01	Support administrative expenditure of the "Security" cluster	0.37	0.37	100.00 %
	12 04	Nuclear Safety and decommissioning including for Bulgaria and Slovakia	0.00	0.00	100.00 %
	12 20	Pilot projects, preparatory actions, prerogatives and other actions	1.29	1.29	100.00 %
<b>Total Title 12</b>			<b>1.66</b>	<b>1.66</b>	<b>100.00 %</b>
<b>Title 13 Defence</b>					
13	13 01	Support administrative expenditure of the "Security and Defence" cluster	2.37	2.37	100.00 %
<b>Total Title 13</b>			<b>2.37</b>	<b>2.37</b>	<b>100.00 %</b>
<b>Title 14 External Action</b>					
14	14 01	Support administrative expenditure of the 'External Action' cluster	29.20	29.20	100.00 %
	14 20	Pilot projects, preparatory actions, prerogatives and other actions	5.02	5.01	99.78 %
<b>Total Title 14</b>			<b>34.23</b>	<b>34.21</b>	<b>99.97 %</b>
<b>Title 15 Pre-accession Assistance</b>					
15	15 01	Support administrative expenditure of the "Pre-accession Assistance" cluster	3.31	3.31	100.00 %
	15 02	Instrument for Pre-accession Assistance (IPA III)	0.00	0.00	0.00 %
<b>Total Title 15</b>			<b>3.31</b>	<b>3.31</b>	<b>100.00 %</b>
<b>Title 16 Expenditure outside the annual ceilings set out in the Multiannual Financial Framework</b>					
16	16 01	Support administrative expenditure outside the annual ceilings set out in the Multiannual Financial Framework	0.00	0.00	0.00 %
<b>Total Title 16</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00 %</b>
<b>Title 20 Administrative expenditure of the European Commission</b>					
20	20 02	Other staff and expenditure relating to persons	1.77	1.74	98.02 %
	20 03	Administrative Operating expenditure	27.46	26.03	94.80 %
	20 04	Information and communication technology related expenditure	250.43	214.20	85.53 %
	20 20	Pilot projects, preparatory actions, prerogatives and other actions	0.00	0.00	0.00 %
<b>Total Title 20</b>			<b>279.66</b>	<b>241.97</b>	<b>86.52 %</b>
<b>Total Excluding NGEU</b>			<b>489.95</b>	<b>451.39</b>	<b>92.13 %</b>

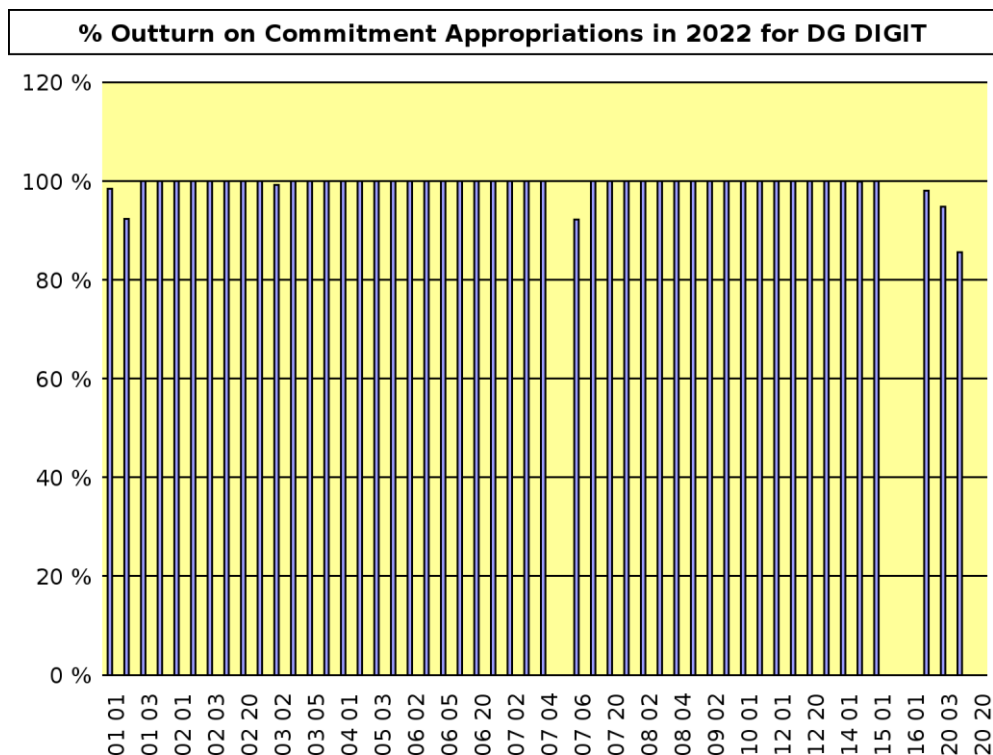
<b>Title 01 Research and Innovation</b>					
01	01 01	Support administrative expenditure of the "Research and Innovation" cluster	3.20	3.20	100.00 %
<b>Total Title 01</b>			<b>3.20</b>	<b>3.20</b>	<b>100.00 %</b>
<b>Title 05 Regional Development and Cohesion</b>					
05	05 02	European Regional Development Fund (ERDF)	1.47	1.47	100.00 %
<b>Total Title 05</b>			<b>1.47</b>	<b>1.47</b>	<b>100.00 %</b>
<b>Title 06 Recovery and Resilience</b>					
06	06 01	Support administrative expenditure of the 'Recovery and Resilience' cluster	0.56	0.56	100.00 %

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

TABLE 1: OUTTURN ON COMMITMENT APPROPRIATIONS IN 2022 (in Mio €) for DG DIGIT					
			Commitment appropriations authorised*	Commitments made	%
			1	2	3=2/1
<b>Total Title 06</b>			<b>0.56</b>	<b>0.56</b>	<b>100.00 %</b>
<b>Title 08 Agriculture and Maritime Policy</b>					
08	08 03	European Agricultural Fund for Rural Development (EAFRD)	0.71	0.71	100.00 %
<b>Total Title 08</b>			<b>0.71</b>	<b>0.71</b>	<b>100.00 %</b>
<b>Title 09 Environment and Climate Action</b>					
09	09 03	Just Transition Fund (JTF)	1.10	1.10	99.99 %
<b>Total Title 09</b>			<b>1.10</b>	<b>1.10</b>	<b>99.99 %</b>
<b>Total NGEU Only</b>			<b>7.04</b>	<b>7.04</b>	<b>100.00 %</b>
<b>Total DG DIGIT</b>			<b>496.99</b>	<b>458.43</b>	<b>92.24 %</b>

\* Commitment appropriations authorised include, in addition to the budget voted by the legislative authority, appropriations carried over from the previous exercise, budget amendments as well as miscellaneous commitment appropriations for the period (e.g. internal and external assigned revenue).



Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023



<b>TABLE 2: OUTTURN ON PAYMENT APPROPRIATIONS in 2022 (in Mio €) for DG DIGIT</b>					
			<b>Payment appropriations authorised *</b>	<b>Payments made</b>	<b>%</b>
			<b>1</b>	<b>2</b>	<b>3=2/1</b>
<b>Title 01 Research and Innovation</b>					
01	01 01	Support administrative expenditure of the "Research and Innovation" cluster	10.85	5.90	54.33 %
	01 02	Horizon Europe	6.13	6.13	100.00 %
	01 03	Euratom Research and Training Programme	0.14	0.14	100.00 %
	01 20	Pilot projects, preparatory actions, prerogatives and other actions	0.54	0.38	71.62 %
<b>Total Title 01</b>			<b>17.65</b>	<b>12.54</b>	<b>71.06%</b>
<b>Title 02 European Strategic Investments</b>					
02	02 01	Support administrative expenditure of the "European Strategic Investments" cluster	13.05	8.16	62.52 %
	02 02	InvestEU Fund	0.00	0.00	0.00 %
	02 03	Connecting Europe Facility (CEF)	10.27	10.27	100.00 %
	02 04	Digital Europe programme	32.69	30.54	93.42 %
	02 20	Pilot projects, preparatory actions, prerogatives and other actions	2.11	2.11	100.00 %
<b>Total Title 02</b>			<b>58.13</b>	<b>51.08</b>	<b>87.88%</b>
<b>Title 03 Single Market</b>					
03	03 01	Support administrative expenditure of the 'Single Market' cluster	6.62	5.11	77.15 %
	03 02	Single Market Programme	6.69	6.60	98.62 %
	03 04	Cooperation in the field of taxation (FISCALIS)	1.54	1.54	100.00 %
	03 05	Cooperation in the field of customs (Customs)	4.36	4.36	100.00 %
	03 20	Pilot projects, preparatory actions, prerogatives and other actions	0.36	0.36	100.00 %
<b>Total Title 03</b>			<b>19.56</b>	<b>17.96</b>	<b>91.80%</b>
<b>Title 04 Space</b>					
04	04 01	Support administrative expenditure of the 'Space' cluster	0.89	0.59	66.42 %
<b>Total Title 04</b>			<b>0.89</b>	<b>0.59</b>	<b>66.42%</b>
<b>Title 05 Regional Development and Cohesion</b>					
05	05 02	European Regional Development Fund (ERDF)	6.17	6.17	100.00 %
	05 03	Cohesion Fund (CF)	3.11	3.11	100.00 %
<b>Total Title 05</b>			<b>9.29</b>	<b>9.29</b>	<b>100.00%</b>
<b>Title 06 Recovery and Resilience</b>					
06	06 01	Support administrative expenditure of the 'Recovery and Resilience' cluster	4.20	2.40	57.09 %
	06 02	Recovery and Resilience Facility and Technical Support Instrument	0.43	0.43	100.00 %
	06 03	Protection of the euro against counterfeiting	0.02	0.02	100.00 %

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Refresh date : 27/03/2023

<b>TABLE 2: OUTTURN ON PAYMENT APPROPRIATIONS in 2022 (in Mio €) for DG DIGIT</b>					
			Payment appropriations authorised *	Payments made	%
			1	2	3=2/1
06	06 05	Union Civil Protection Mechanism (rescEU)	0.65	0.65	100.00 %
	06 06	EU4Health Programme	0.62	0.62	100.00 %
	06 20	Pilot projects, preparatory actions, prerogatives and other actions	0.81	0.81	100.00 %
<b>Total Title 06</b>			<b>6.73</b>	<b>4.93</b>	<b>73.23%</b>
<b>Title 07 Investing in People, Social Cohesion and Values</b>					
07	07 01	Support administrative expenditure of the "Investing in People, Social Cohesion and Values" cluster	15.75	9.91	62.92 %
	07 02	European Social Fund Plus (ESF+)	2.47	2.47	100.00 %
	07 03	Erasmus	0.68	0.59	86.19 %
	07 04	European Solidarity Corps	0.30	0.30	100.00 %
	07 05	Creative Europe	1.24	1.24	100.00 %
	07 06	Rights and Values	1.09	1.09	100.00 %
	07 07	Justice	0.00	0.00	0.00 %
	07 20	Pilot projects, preparatory actions, prerogatives and other actions	13.14	13.14	100.00 %
<b>Total Title 07</b>			<b>34.65</b>	<b>28.72</b>	<b>82.88%</b>
<b>Title 08 Agriculture and Maritime Policy</b>					
08	08 01	Support administrative expenditure of the "Agriculture and Maritime Policy" cluster	0.77	0.29	37.20 %
	08 02	European Agricultural Guarantee Fund (EAGF)	2.65	2.65	100.00 %
	08 03	European Agricultural Fund for Rural Development (EAFRD)	2.05	2.05	100.00 %
	08 04	European Maritime, Fisheries and Aquaculture Fund (EMFAF)	1.11	1.11	100.00 %
<b>Total Title 08</b>			<b>6.59</b>	<b>6.10</b>	<b>92.63%</b>
<b>Title 09 Environment and Climate Action</b>					
09	09 01	Support administrative expenditure of the 'Environment and Climate Action' Cluster	4.66	3.20	68.69 %
	09 02	Programme for the Environment and Climate Action (LIFE)	0.55	0.55	99.98 %
	09 03	Just Transition Fund (JTF)	0.00	0.00	0.00 %
<b>Total Title 09</b>			<b>5.21</b>	<b>3.75</b>	<b>72.00%</b>
<b>Title 10 Migration</b>					
10	10 01	Support administrative expenditure of the "Migration" Cluster	0.61	0.29	47.99 %
<b>Total Title 10</b>			<b>0.61</b>	<b>0.29</b>	<b>47.99%</b>
<b>Title 11 Border Management</b>					
11	11 01	Support administrative expenditure of the 'Border Management' cluster	0.80	0.49	61.48 %
<b>Total Title 11</b>			<b>0.80</b>	<b>0.49</b>	<b>61.48%</b>
<b>Title 12 Security</b>					

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12	12 01	Support administrative expenditure of the "Security" cluster	0.63	0.29	45.57 %
12	12 04	Nuclear Safety and decommissioning including for Bulgaria and Slovakia	0.00	0.00	0.00 %
	12 20	Pilot projects, preparatory actions, prerogatives and other actions	1.14	1.14	100.00 %
<b>Total Title 12</b>			<b>1.77</b>	<b>1.43</b>	<b>80.70%</b>
<b>Title 13 Defence</b>					
13	13 01	Support administrative expenditure of the "Security and Defence" cluster	3.14	2.31	73.52 %
<b>Total Title 13</b>			<b>3.14</b>	<b>2.31</b>	<b>73.52%</b>
<b>Title 14 External Action</b>					
14	14 01	Support administrative expenditure of the 'External Action' cluster	54.22	39.98	73.73 %
	14 20	Pilot projects, preparatory actions, prerogatives and other actions	3.94	3.94	100.00 %
<b>Total Title 14</b>			<b>58.16</b>	<b>43.92</b>	<b>75.51%</b>
<b>Title 15 Pre-accession Assistance</b>					
15	15 01	Support administrative expenditure of the "Pre-accession Assistance" cluster	6.61	4.06	61.46 %
	15 02	Instrument for Pre-accession Assistance (IPA III)	0.00	0.00	0.00 %
<b>Total Title 15</b>			<b>6.61</b>	<b>4.06</b>	<b>61.46%</b>
<b>Title 16 Expenditure outside the annual ceilings set out in the Multiannual Financial Framework</b>					
16	16 01	Support administrative expenditure outside the annual ceilings set out in the Multiannual Financial Framework	0.04	0.04	100.00 %
<b>Total Title 16</b>			<b>0.04</b>	<b>0.04</b>	<b>100.00%</b>
<b>Title 20 Administrative expenditure of the European Commission</b>					
20	20 02	Other staff and expenditure relating to persons	2.87	1.46	50.83 %
	20 03	Administrative Operating expenditure	47.72	30.88	64.71 %
	20 04	Information and communication technology related expenditure	341.70	212.04	62.05 %
	20 20	Pilot projects, preparatory actions, prerogatives and other actions	0.00	0.00	41.85 %
<b>Total Title 20</b>			<b>392.29</b>	<b>244.38</b>	<b>62.29%</b>
<b>Total Excluding NGEU</b>			<b>622.11</b>	<b>431.87</b>	<b>69.42%</b>

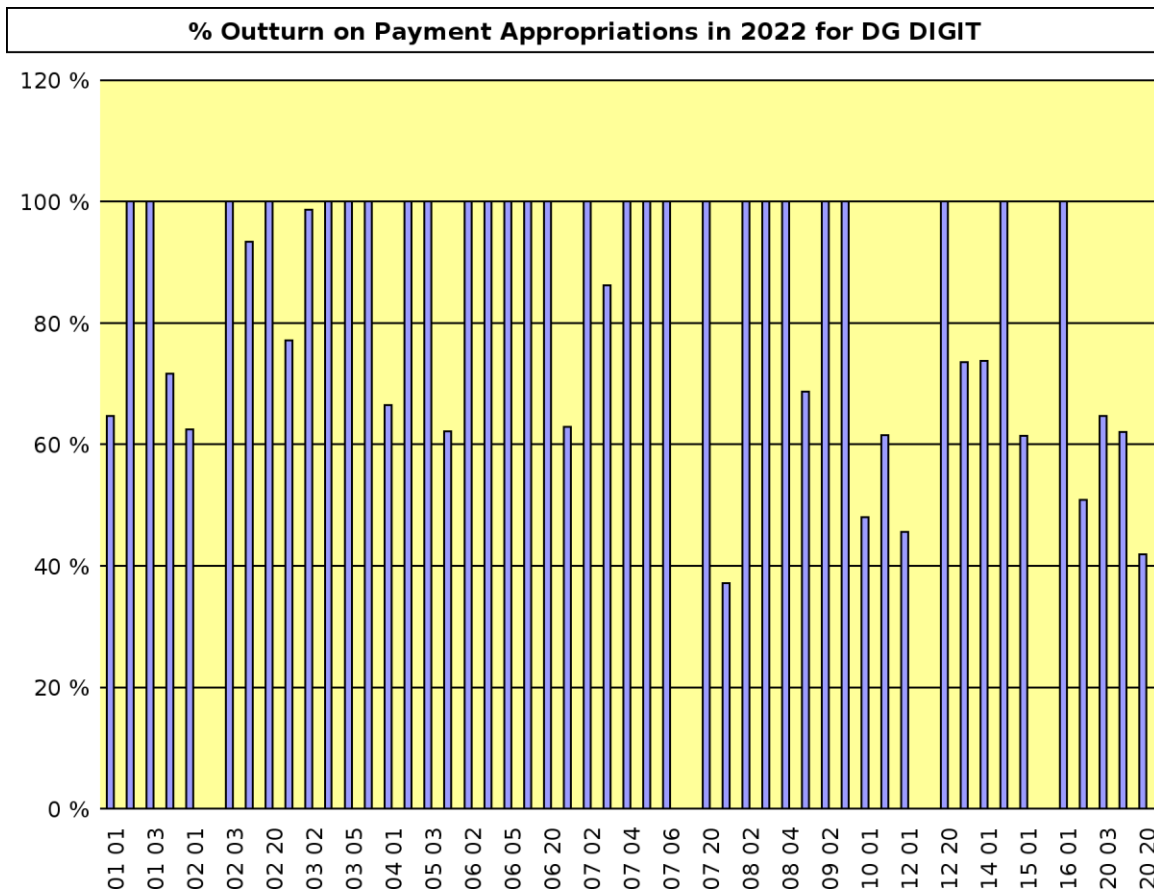
<b>Title 01 Research and Innovation</b>					
01	01 01	Support administrative expenditure of the "Research and Innovation" cluster	3.20	3.20	100.00 %
<b>Total Title 01</b>			<b>3.20</b>	<b>3.20</b>	<b>100.00%</b>
<b>Title 05 Regional Development and Cohesion</b>					
05	05 02	European Regional Development Fund (ERDF)	1.47	1.47	100.00 %
<b>Total Title 05</b>			<b>1.47</b>	<b>1.47</b>	<b>100.00%</b>
<b>Title 06 Recovery and Resilience</b>					
06	06 01	Support administrative expenditure of the 'Recovery and Resilience' cluster	0.56	0.56	100.00 %

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

TABLE 2: OUTTURN ON PAYMENT APPROPRIATIONS in 2022 (in Mio €) for DG DIGIT					
			Payment appropriations authorised *	Payments made	%
			1	2	3=2/1
<b>Total Title 06</b>			<b>0.56</b>	<b>0.56</b>	<b>100.00%</b>
<b>Title 08 Agriculture and Maritime Policy</b>					
08	08 03	European Agricultural Fund for Rural Development (EAFRD)	0.71	0.71	100.00 %
<b>Total Title 08</b>			<b>0.71</b>	<b>0.71</b>	<b>100.00%</b>
<b>Title 09 Environment and Climate Action</b>					
09	09 03	Just Transition Fund (JTF)	1.10	1.10	99.99 %
<b>Total Title 09</b>			<b>1.10</b>	<b>1.10</b>	<b>99.99%</b>
<b>Total NGEU Only</b>			<b>7.04</b>	<b>7.04</b>	<b>100.00%</b>
<b>Total DG DIGIT</b>			<b>629.15</b>	<b>438.91</b>	<b>69.76</b>

\* Payment appropriations authorised include, in addition to the budget voted by the legislative authority, appropriations carried over from the previous exercise, budget amendments as well as miscellaneous payment appropriations for the period (e.g. internal and external assigned revenue).



Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
01	01 01	Support administrative expenditure of the "Research and Innovation" cluster	5.83	1.04	4.79	82.24%	0.00	4.79	4.88
	01 02	Horizon Europe	6.22	0.38	5.85	93.95%	0.40	6.25	6.16
	01 03	Euratom Research and Training Programme	0.01	0.00	0.01	100.00%	0.01	0.02	0.15
	01 20	Pilot projects, preparatory actions, prerogatives and other actions	1.82	0.00	1.82	100.00%	0.40	2.22	0.78
<b>Total Title 01</b>			<b>13.89</b>	<b>1.41</b>	<b>12.47</b>	<b>89.83%</b>	<b>0.81</b>	<b>13.28</b>	<b>11.97</b>

TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
02	02 01	Support administrative expenditure of the "European Strategic Investments" cluster	7.71	2.91	4.79	62.21%	0.00	4.79	5.34
	02 02	InvestEU Fund	0.03	0.00	0.03	100.00%	0.03	0.06	0.03
	02 03	Connecting Europe Facility (CEF)	4.93	0.05	4.87	98.90%	1.05	5.92	11.41
	02 04	Digital Europe programme	53.19	1.89	51.30	96.45%	33.72	85.02	62.49
	02 20	Pilot projects, preparatory actions, prerogatives and other actions	1.95	0.05	1.90	97.27%	0.04	1.94	2.10
<b>Total Title 02</b>			<b>67.81</b>	<b>4.91</b>	<b>62.90</b>	<b>92.76%</b>	<b>34.83</b>	<b>97.74</b>	<b>81.37</b>

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
03	03 01	Support administrative expenditure of the 'Single Market' cluster	4.18	2.68	1.51	36.06%	0.00	1.51	2.43
	03 02	Single Market Programme	10.52	0.64	9.88	93.88%	3.43	13.31	9.59
	03 04	Cooperation in the field of taxation (FISCALIS)	0.85	0.58	0.27	31.30%	0.06	0.33	1.02
	03 05	Cooperation in the field of customs (Customs)	5.75	1.08	4.67	81.23%	0.74	5.41	4.02
	03 20	Pilot projects, preparatory actions, prerogatives and other actions	1.40	0.00	1.40	100.00%	0.00	1.40	0.36
<b>Total Title 03</b>			<b>22.70</b>	<b>4.98</b>	<b>17.72</b>	<b>78.05%</b>	<b>4.23</b>	<b>21.95</b>	<b>17.43</b>
TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
04	04 01	Support administrative expenditure of the 'Space' cluster	0.52	0.22	0.30	57.48%	0.00	0.30	0.37
<b>Total Title 04</b>			<b>0.52</b>	<b>0.22</b>	<b>0.30</b>	<b>57.48%</b>	<b>0.00</b>	<b>0.30</b>	<b>0.37</b>

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Refresh date : 27/03/2023

TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
05	05 02	European Regional Development Fund (ERDF)	7.94	0.86	7.07	89.12%	0.03	7.11	5.34
	05 03	Cohesion Fund (CF)	2.60	0.00	2.60	100.00%	0.00	2.60	3.12
<b>Total Title 05</b>			<b>10.53</b>	<b>0.86</b>	<b>9.67</b>	<b>91.80%</b>	<b>0.03</b>	<b>9.70</b>	<b>8.46</b>

TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
06	06 01	Support administrative expenditure of the 'Recovery and Resilience' cluster	2.94	1.15	1.69	60.96%	0.00	1.69	1.26
	06 02	Recovery and Resilience Facility and Technical Support Instrument	0.35	0.09	0.26	74.50%	0.00	0.26	0.34
	06 03	Protection of the euro against counterfeiting	0.03	0.00	0.03	100.00%	0.00	0.03	0.02
	06 05	Union Civil Protection Mechanism (rescEU)	1.66	0.00	1.66	100.00%	0.06	1.72	0.71
	06 06	EU4Health Programme	0.24	0.00	0.24	100.00%	0.06	0.30	0.72
	06 20	Pilot projects, preparatory actions, prerogatives and other actions	0.92	0.06	0.87	94.01%	0.00	0.87	0.76
<b>Total Title 06</b>			<b>6.14</b>	<b>1.29</b>	<b>4.75</b>	<b>78.96%</b>	<b>0.12</b>	<b>4.87</b>	<b>3.81</b>

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
Chapter			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
07	07 01	Support administrative expenditure of the "Investing in People, Social Cohesion and Values" cluster	11.29	5.47	5.82	51.53%	0.00	5.82	4.46
	07 02	European Social Fund PPlus (ESF+)	4.80	0.02	4.78	99.58%	0.27	5.05	2.71
	07 03	Erasmus	0.09	0.00	0.09	100.00%	0.21	0.30	0.81
	07 04	European Solidarity Corps	0.40	0.00	0.40	100.00%	0.22	0.62	0.52
	07 05	Creative Europe	0.00	0.00	0.00	0.00%	0.00	0.00	1.24
	07 06	Rights and Values	1.28	0.11	1.17	91.23%	0.10	1.27	1.07
	07 07	Justice	0.16	0.00	0.16	100.00%	0.02	0.17	0.02
	07 20	Pilot projects, preparatory actions, prerogatives and other actions	12.90	1.33	11.57	89.69%	1.28	12.86	13.10
<b>Total Title 07</b>			<b>30.93</b>	<b>6.94</b>	<b>23.99</b>	<b>77.57%</b>	<b>2.09</b>	<b>26.08</b>	<b>23.92</b>

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Refresh date : 27/03/2023



TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
Chapter			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
08	08 01	Support administrative expenditure of the "Agriculture and Maritime Policy" cluster	0.55	0.07	0.48	86.75%	0.00	0.48	0.22
	08 02	European Agricultural Guarantee Fund (EAGF)	4.93	0.62	4.31	87.44%	0.00	4.31	2.04
	08 03	European Agricultural Fund for Rural Development (EAFRD)	1.87	0.28	1.59	84.99%	0.10	1.69	1.88
	08 04	European Maritime, Fisheries and Aquaculture Fund (EMFAF)	3.27	0.02	3.24	99.33%	0.57	3.82	1.66
<b>Total Title 08</b>			<b>10.61</b>	<b>0.99</b>	<b>9.62</b>	<b>90.63%</b>	<b>0.68</b>	<b>10.29</b>	<b>5.80</b>
TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
Chapter			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
09	09 01	Support administrative expenditure of the 'Environment and Climate Action' Cluster	2.97	1.54	1.43	48.14%	0.00	1.43	1.68
	09 02	Programme for the Environment and Climate Action (LIFE)	0.72	0.01	0.71	98.41%	0.25	0.96	0.78
	09 03	Just Transition Fund (JTF)	0.20	0.00	0.20	100.00%	0.00	0.20	0.00
<b>Total Title 09</b>			<b>3.90</b>	<b>1.55</b>	<b>2.34</b>	<b>60.14%</b>	<b>0.25</b>	<b>2.59</b>	<b>2.47</b>

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Refresh date : 27/03/2023

TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
10	10 01	Support administrative expenditure of the "Migration" Cluster	0.46	0.14	0.32	70.10%	0.00	0.32	0.16
<b>Total Title 10</b>			<b>0.46</b>	<b>0.14</b>	<b>0.32</b>	<b>70.10%</b>	<b>0.00</b>	<b>0.32</b>	<b>0.16</b>

TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
11	11 01	Support administrative expenditure of the 'Border Management' cluster	0.38	0.07	0.31	81.05%	0.00	0.31	0.42
<b>Total Title 11</b>			<b>0.38</b>	<b>0.07</b>	<b>0.31</b>	<b>81.05%</b>	<b>0.00</b>	<b>0.31</b>	<b>0.42</b>

TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
12	12 01	Support administrative expenditure of the "Security" cluster	0.37	0.03	0.34	91.43%	0.00	0.34	0.26
	12 04	Nuclear Safety and decommissioning including for Bulgaria and Slovakia	0.00	0.00	0.00	100.00%	0.00	0.00	0.00
	12 20	Pilot projects, preparatory actions, prerogatives and other actions	1.29	0.01	1.28	99.53%	0.00	1.28	1.14
<b>Total Title 12</b>			<b>1.66</b>	<b>0.04</b>	<b>1.62</b>	<b>97.72%</b>	<b>0.00</b>	<b>1.62</b>	<b>1.39</b>

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
13	13 01	Support administrative expenditure of the "Security and Defence" cluster	2.37	1.54	0.83	35.04%	0.00	0.83	0.77
<b>Total Title 13</b>			<b>2.37</b>	<b>1.54</b>	<b>0.83</b>	<b>35.04%</b>	<b>0.00</b>	<b>0.83</b>	<b>0.77</b>

TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
14	14 01	Support administrative expenditure of the 'External Action' cluster	29.20	15.03	14.18	48.54%	0.00	14.18	25.02
	14 20	Pilot projects, preparatory actions, prerogatives and other actions	5.01	0.12	4.89	97.61%	0.32	5.21	4.14
<b>Total Title 14</b>			<b>34.21</b>	<b>15.15</b>	<b>19.07</b>	<b>55.73%</b>	<b>0.32</b>	<b>19.38</b>	<b>29.16</b>

TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
15	15 01	Support administrative expenditure of the "Pre-accession Assistance" cluster	3.31	0.88	2.42	73.24%	0.00	2.42	3.30
	15 02	Instrument for Pre-accession Assistance (IPA III)	0.00	0.00	0.00	0.00%	0.00	0.00	0.00
<b>Total Title 15</b>			<b>3.31</b>	<b>0.88</b>	<b>2.42</b>	<b>73.24%</b>	<b>0.00</b>	<b>2.42</b>	<b>3.30</b>

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TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
16	16 01	Support administrative expenditure outside the annual ceilings set out in the Multiannual Financial Framework	0.00	0.00	0.00	0.00%	0.00	0.00	0.04
<b>Total Title 16</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.04</b>
TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
20	20 02	Other staff and expenditure relating to persons	1.74	0.38	1.36	78.40%	0.00	1.36	1.09
	20 03	Administrative Operating expenditure	26.03	10.78	15.25	58.58%	0.00	15.25	20.26
	20 04	Information and communication technology related expenditure	214.20	121.70	92.50	43.18%	0.00	92.50	91.28
	20 20	Pilot projects, preparatory actions, prerogatives and other actions	0.00	0.00	0.00	0.00%	0.00	0.00	0.12
<b>Total Title 20</b>			<b>241.97</b>	<b>132.86</b>	<b>109.12</b>	<b>45.09%</b>	<b>0.00</b>	<b>109.12</b>	<b>112.75</b>
<b>Total Excluding NGEU</b>			<b>451.39</b>	<b>173.84</b>	<b>277.45</b>	<b>61.49%</b>	<b>43.35</b>	<b>320.81</b>	<b>303.58</b>

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TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
01	01 01	Support administrative expenditure of the "Research and Innovation" cluster	3.20	3.20	0.00	0.00%	0.00	0.00	0.00
<b>Total Title 01</b>			<b>3.20</b>	<b>3.20</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
05	05 02	European Regional Development Fund (ERDF)	1.47	1.47	0.00	0.00%	0.00	0.00	0.00
<b>Total Title 05</b>			<b>1.47</b>	<b>1.47</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
Chapter			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
06	06 01	Support administrative expenditure of the 'Recovery and Resilience' cluster	0.56	0.56	0.00	0.00%	0.00	0.00	0.00
<b>Total Title 06</b>			<b>0.56</b>	<b>0.56</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

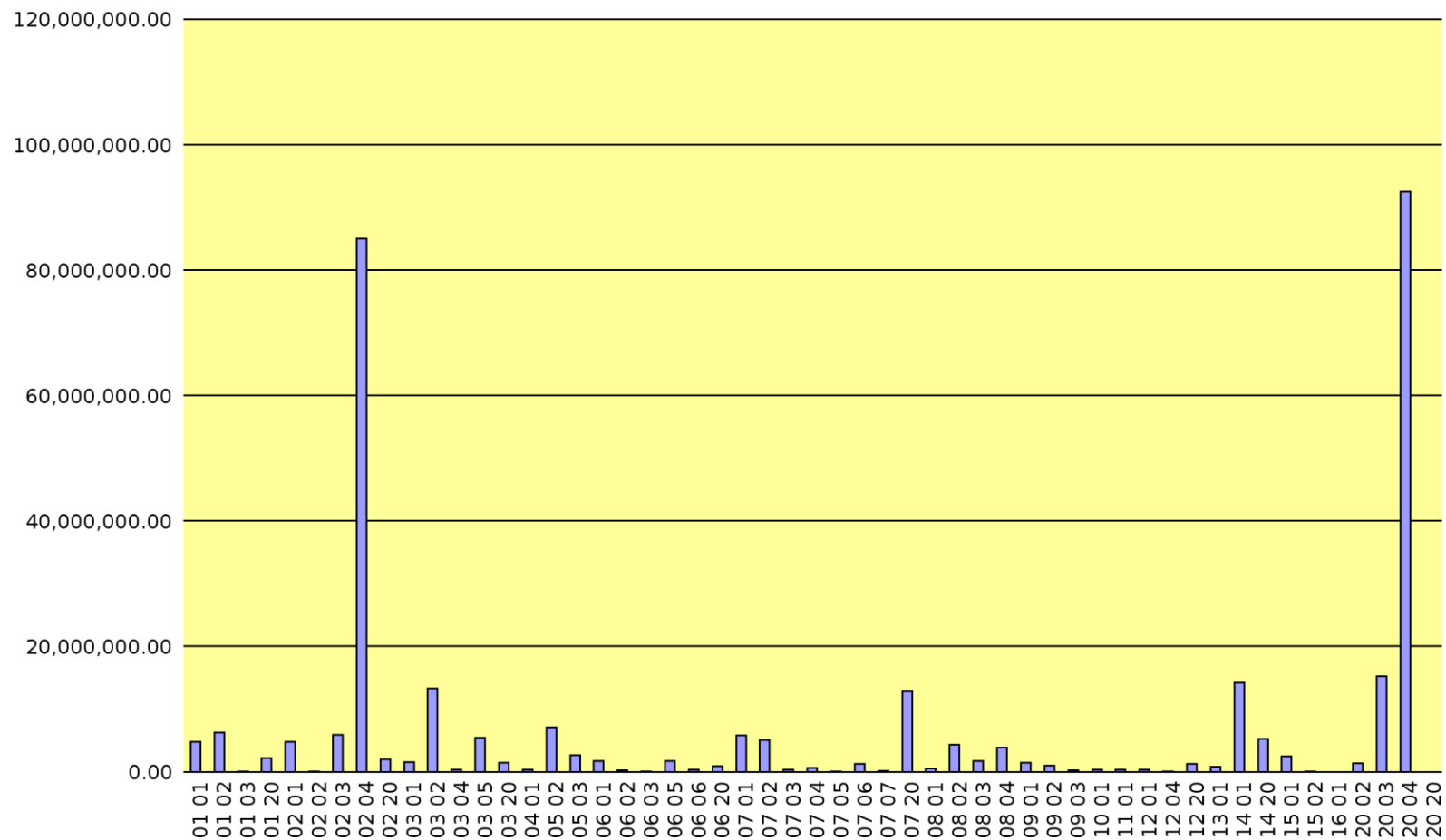
Refresh date : 27/03/2023

TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
Chapter			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
08	08 03	European Agricultural Fund for Rural Development (EAFRD)	0.71	0.71	0.00	0.00%	0.00	0.00	0.00
<b>Total Title 08</b>			<b>0.71</b>	<b>0.71</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
TABLE 3 : BREAKDOWN OF COMMITMENTS TO BE SETTLED AT 31/12/2022 (in Mio €) for DG DIGIT									
Chapter			Commitments to be settled				Commitments to be settled from financial years previous to 2021	Total of commitments to be settled at end of financial year 2022	Total of commitments to be settled at end of financial year 2021
			Commitments	Payments	RAL	% to be settled			
			1	2	3=1-2	4=1-2/1	5	6=3+5	7
09	09 03	Just Transition Fund (JTF)	1.10	1.10	0.00	0.00%	0.00	0.00	0.00
<b>Total Title 09</b>			<b>1.10</b>	<b>1.10</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Total NGEU Only</b>			<b>7.04</b>	<b>7.04</b>	<b>0.00</b>	<b>0.00%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Total for DG DIGIT</b>			<b>458.43</b>	<b>180.88</b>	<b>277.55</b>	<b>60.54 %</b>	<b>43.35</b>	<b>320.81</b>	<b>303.58</b>

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

**Breakdown of Commitments Remaining to be Settled (in Mio EUR) in 2022 DIGIT**



Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

**TABLE 4 : BALANCE SHEET for DG DIGIT**

<b>BALANCE SHEET</b>	<b>2022</b>	<b>2021</b>
<b>A.I. NON CURRENT ASSETS</b>	41,200,773.19	36,838,248.90
A.I.1. Intangible Assets	13,318,544.86	14,136,154.92
A.I.2. Property, Plant and Equipment	27,882,228.33	22,702,093.98
<b>A.II. CURRENT ASSETS</b>	884,536.86	2,100,158.56
A.II.3. Curr Exch Receiv & Non-Ex Recoverables	884,536.86	2,100,158.56
A.II.6. Cash and Cash Equivalents	0.00	0.00
<b>ASSETS</b>	<b>42,085,310.05</b>	<b>38,938,407.46</b>
<b>P.I. NON CURRENT LIABILITIES</b>	-6,536,938.64	-8,106,261.15
P.I.3. Non-Current Financial Liabilities	-6,536,938.64	-8,106,261.15
<b>P.II. CURRENT LIABILITIES</b>	-2,713,515.12	-4,178,790.61
P.II.3. Current Financial Liabilities	-5,990,143.14	-5,536,548.77
P.II.4. Current Payables	3,276,628.02	1,357,758.16
P.II.5. Current Accrued Charges & Defrd Income	0.00	0.00
<b>LIABILITIES</b>	<b>-9,250,453.76</b>	<b>-12,285,051.76</b>
<b>NET ASSETS (ASSETS less LIABILITIES)</b>	<b>32,834,856.29</b>	<b>26,653,355.70</b>
P.III.2. Accumulated Surplus/Deficit	2,194,477,005.43	1,877,923,754.31
Non-allocated central (surplus)/deficit*	-2,227,311,861.72	-1,904,577,110.01
<b>TOTAL DG DIGIT</b>	<b>0.00</b>	<b>0.00</b>

It should be noted that the balance sheet and statement of financial performance presented in Annex 3 to this Annual Activity Report, represent only the assets, liabilities, expenses and revenues that are under the control of this Directorate General. Significant amounts such as own resource revenues and cash held in Commission bank accounts are not included in this Directorate General's accounts since they are managed centrally by DG Budget, on whose balance sheet and statement of financial performance they appear. Furthermore, since the accumulated result of the Commission is not split amongst the various Directorates General, it can be seen that the balance sheet presented here is not in equilibrium.

Additionally, the figures included in tables 4 and 5 are provisional since they are, at this date, still subject to audit by the Court of Auditors. It is thus possible that amounts included in these tables may have to be adjusted following this audit.

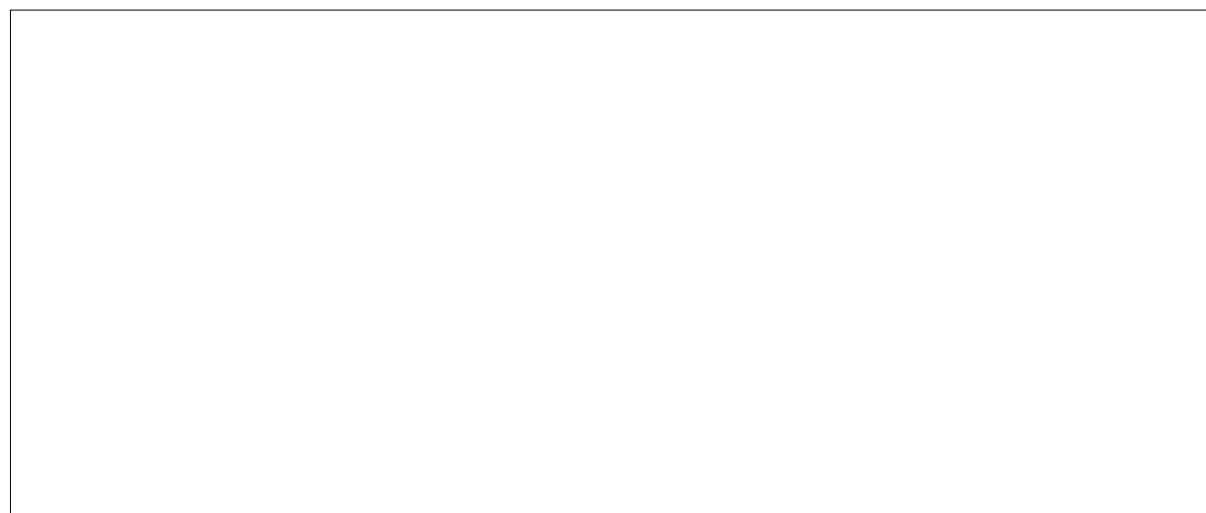
Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023



**TABLE 5 : STATEMENT OF FINANCIAL PERFORMANCE for DG DIGIT**

<b>STATEMENT OF FINANCIAL PERFORMANCE</b>	<b>2022</b>	<b>2021</b>
II.1 REVENUES	-49,333,055.92	-47,775,938.90
II.1.1. NON-EXCHANGE REVENUES	-81,800.00	-180,200.00
II.1.1.8. OTHER NON-EXCHANGE REVENUES	-81,800.00	-180,200.00
II.1.2. EXCHANGE REVENUES	-49,251,255.92	-47,595,738.90
II.1.2.2. OTHER EXCHANGE REVENUE	-49,251,255.92	-47,595,738.90
II.2. EXPENSES	401,420,429.50	364,329,190.02
II.2. EXPENSES	401,420,429.50	364,329,190.02
II.2.10. OTHER EXPENSES	350,891,294.26	336,972,575.29
II.2.2. EXP IMPLM BY COMMISS&EX.AGENC	51,778,626.38	29,312,191.31
II.2.6. STAFF AND PENSION COSTS	-1,593,244.00	-2,549,539.00
II.2.8. FINANCE COSTS	343,752.86	593,962.42
<b>STATEMENT OF FINANCIAL PERFORMANCE</b>	<b>352,087,373.58</b>	<b>316,553,251.12</b>



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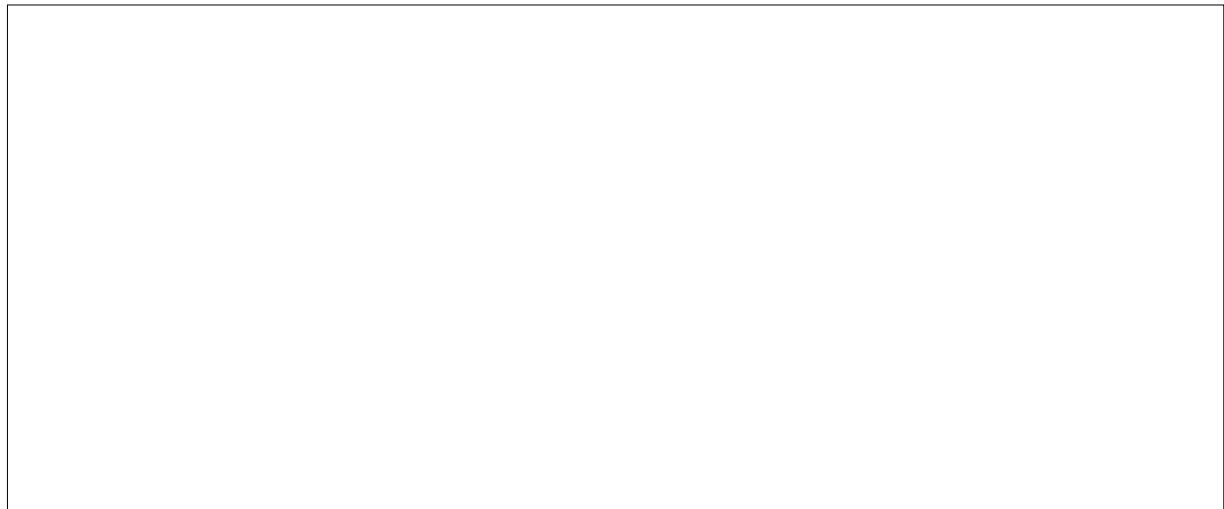
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Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

**TABLE 5bis : OFF BALANCE SHEET for DG DIGIT**

<b>OFF BALANCE</b>	<b>2022</b>	<b>2021</b>
OB.1. Contingent Assets	11,390,343.50	10,272,843.50
GR for performance	11,390,343.50	10,272,843.50
OB.2. Contingent Liabilities	-1,200.00	
OB.2.7. CL Legal cases OTHER	-1,200.00	
OB.3. Other Significant Disclosures	-2,174,321.30	-2,051,524.35
OB.3.5. Operating lease commitments	-2,174,321.30	-2,051,524.35
OB.4. Balancing Accounts	-9,214,822.20	-8,221,319.15
OB.4. Balancing Accounts	-9,214,822.20	-8,221,319.15
<b>OFF BALANCE</b>	<b>0.00</b>	<b>0.00</b>



It should be noted that the balance sheet and statement of financial performance presented in Annex 3 to this Annual Activity Report, represent only the assets, liabilities, expenses and revenues that are under the control of this Directorate General. Significant amounts such as own resource revenues and cash held in Commission bank accounts are not included in this Directorate General's accounts since they are managed centrally by DG Budget, on whose balance sheet and statement of financial performance they appear. Furthermore, since the accumulated result of the Commission is not split amongst the various Directorates General, it can be seen that the balance sheet presented here is not in equilibrium.

Additionally, the figures included in tables 4 and 5 are provisional since they are, at this date, still subject to audit by the Court of Auditors. It is thus possible that amounts included in these tables may have to be adjusted following this audit.

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

**TABLE 6: AVERAGE PAYMENT TIMES for DG DIGIT**

Legal Times									
Maximum Payment Time (Days)	Total Nbr of Payments	Nbr of Payments within Time Limit	Percentage	Average Payment Times (Days)	Nbr of Late Payments	Percentage	Average Payment Times (Days)	Late Payments Amount	Percentage
30	9,452	9,328	98.69 %	13.49	124	1.31 %	36.52	12,771,308.42	3 %
60	23	23	100.00 %	13.70				0.00	0 %
90	1	1	100.00 %	31.00				0.00	0 %

<b>Total Number of Payments</b>	<b>9,476</b>	<b>9,352</b>	<b>98.69 %</b>		<b>124</b>	<b>1.31 %</b>		<b>12,771,308.42</b>	<b>3 %</b>
<b>Average Net Payment Time</b>	<b>13.79</b>			<b>13.49</b>			<b>36.52</b>		
<b>Average Gross Payment Time</b>	<b>15.14</b>			<b>14.7</b>			<b>48.56</b>		

Suspensions							
Average Report Approval Suspension Days	Average Payment Suspension Days	Number of Suspended Payments	% of Total Number	Total Number of Payments	Amount of Suspended Payments	% of Total Amount	Total Paid Amount
0	23	549	5.79 %	9,476	23,659,360.68	5.40 %	438,027,055.20

Late Interest paid in 2022			
DG	GL Account	Description	Amount (Eur)
DIGIT	65010100	Interest on late payment of charges New FR	3,526.94
			<b>3,526.94</b>

NB: Table 6 only contains payments relevant for the time statistics. Please consult its exact scope in the AAR Annex3 BO User Guide ([https://myintracomm.ec.europa.eu/budgweb/EN/abac/dwh/Pages/its-030-10-20\\_documentation.aspx](https://myintracomm.ec.europa.eu/budgweb/EN/abac/dwh/Pages/its-030-10-20_documentation.aspx)).

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

**TABLE 7 : SITUATION ON REVENUE AND INCOME in 2022 for DG DIGIT**

Chapter		Revenue and income recognized			Revenue and income cashed from			Outstanding balance
		Current year RO	Carried over RO	Total	Current Year RO	Carried over RO	Total	
		1	2	3=1+2	4	5	6=4+5	7=3-6
32	Revenue from the supply of goods, services and work - Assigned revenue	54,545,108.79	2,073,603.82	56,618,712.61	53,710,571.93	2,073,603.82	55,784,175.75	834,536.86
33	Other administrative revenue	4,853,448.78	26,554.74	4,880,003.52	4,853,448.78	26,554.74	4,880,003.52	0.00
42	Fines and penalties	81,800.00	0.00	81,800.00	81,800.00	0.00	81,800.00	0.00
<b>Total DG DIGIT</b>		<b>59,480,357.57</b>	<b>2,100,158.56</b>	<b>61,580,516.13</b>	<b>58,645,820.71</b>	<b>2,100,158.56</b>	<b>60,745,979.27</b>	<b>834,536.86</b>

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

**TABLE 8 : FINANCIAL IMPACT OF EX-ANTE AND EX-POST CONTROLS in for DG DIGIT**

<b>EX-ANTE CONTROLS</b>	<b>Irregularity</b>	<b>Total undue payments recovered</b>
NON ELIGIBLE IN COST CLAIMS		
CREDIT NOTES	1,919,126.54	<b>1,919,126.54</b>
RECOVERY ORDERS ON PRE-FINANCING		
<b>Sub-Total</b>	<b>1,919,126.54</b>	<b>1,919,126.54</b>

<b>EX-POST CONTROLS</b>	<b>Irregularity</b>	<b>Total undue payments recovered</b>
INCOME LINES IN INVOICES		
RECOVERY ORDERS OTHER THAN ON PRE-FINANCING		
<b>Sub-Total</b>		
<b>GRAND TOTAL (EX-ANTE + EX-POST)</b>	<b>1,919,126.54</b>	<b>1,919,126.54</b>

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

**TABLE 9: AGEING BALANCE OF RECOVERY ORDERS AT 12/31/2022 for DG DIGIT**

	Number at 1/1/2022 1	Number at 12/31/2022	Evolution	Open Amount (Eur) at 1/1/2022 1	Open Amount (Eur) at 12/31/2022	Evolution
2021	8		-100.00 %	2,100,158.56		-100.00 %
2022		6			834,536.86	
	8	6	-25.00 %	2,100,158.56	834,536.86	-60.26 %

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

**TABLE 10 :Recovery Order Waivers >= 60 000 € in 2022 for DG DIGIT**

Waiver Central Key	Linked RO Central Key	RO Accepted Amount (Eur)	LE Account Group	Commission Decision	Comments
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<b>Total DG DIGIT</b>	
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<b>Number of RO waivers</b>	
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There are 1 waivers below 60 000 € for a total amount of -18,000

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Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

**TABLE 11 : Negotiated Procedures in 2022 for DG DIGIT**

<b>Negotiated Procedure Legal base</b>	<b>Number of Procedures</b>	<b>Amount (€)</b>
<b>Total</b>		

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023



**TABLE 12 : Summary of Procedures in 2022 for DG DIGIT**

**Internal Procedures > € 60,000**

<b>Procedure Legal base</b>	<b>Number of Procedures</b>	<b>Amount (€)</b>
Open procedure (FR 164 (1)(a))	1	2,800,949,849.00
<b>Total</b>	<b>1</b>	<b>2,800,949,849.00</b>

**Additional Comments:**

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

**TABLE 13 : BUILDING CONTRACTS in 2022 for DG DIGIT**

Legal Base	Procedure subject	Contract Number	Contractor Name	Contract Subject	Contracted Amount (€)

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

**TABLE 14 : CONTRACTS DECLARED SECRET in 2022 for DG DIGIT**

Legal Base	LC Date	Contract Number	Contract Subject	Contracted Amount (€)

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

**TABLE 15 : FPA duration exceeds 4 years - DG DIGIT**

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

**TABLE 16 : Commitments co-delegation type 3 in 2022 for DG DIGIT**

Note : The figures are those related to the provisional accounts and not yet audited by the Court of Auditors

Refresh date : 27/03/2023

## ANNEX 4: Financial scorecard

### DG DIGIT

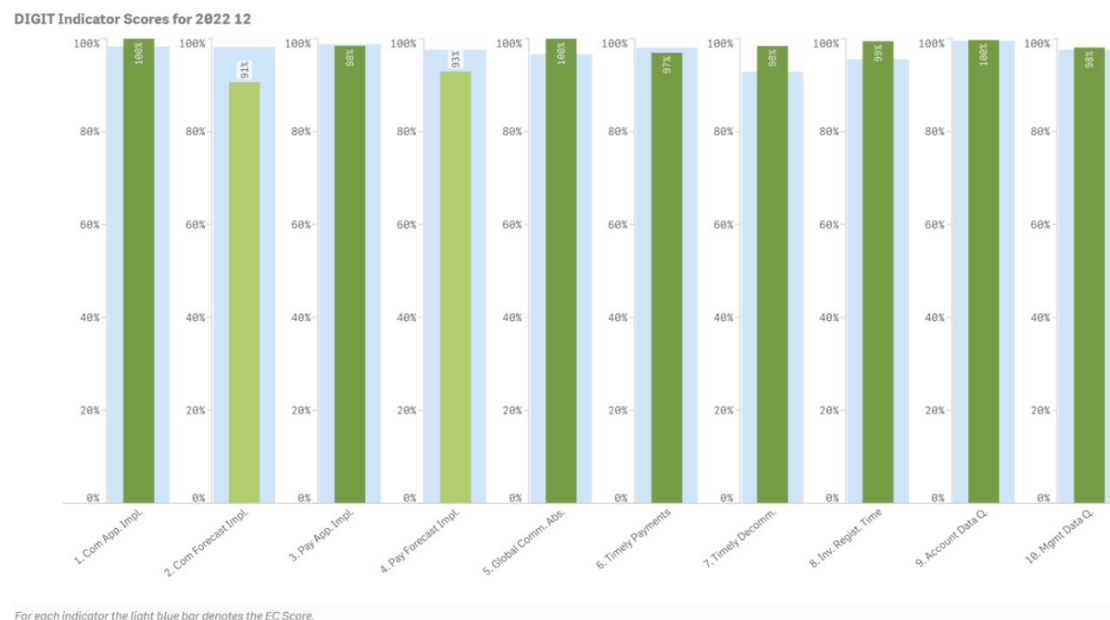
The Annex 4 of each Commission service summarises the annual result of the standard financial indicators measurement. Annexed to the Annual Activity Report 2022, 10 standard financial indicators are presented below, each with its objective and result for the Commission service and for the EC as a whole (for benchmarking purposes)<sup>(9)</sup>:

<ul style="list-style-type: none"> <li>- <b>Commitment Appropriations (CA) Implementation</b></li> <li>- <b>CA Forecast Implementation</b></li> <li>- <b>Payment Appropriations (PA) Implementation</b></li> <li>- <b>PA Forecast Implementation</b></li> <li>- <b>Global Commitment Absorption</b></li> </ul>	<ul style="list-style-type: none"> <li>- <b>Timely Payments</b></li> <li>- <b>Timely Decommitments</b></li> <li>- <b>Invoice Registration Time</b></li> <li>- <b>Accounting Data Quality</b></li> <li>- <b>Management Data Quality</b></li> </ul>
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For each indicator, its value (in %) for the Commission service is compared to the common target (in %). The difference between the indicator's value and the target is colour coded as follows:

- 100 – >95% of the target: dark green
- 95 – >90% of the target: light green
- 90 – >85% of the target: yellow
- 85 – >80% of the target: light red
- 80 – 0% of the target: dark red

The Commission services are invited to provide commentary for each indicator's result in the dedicated comment section below the indicators scores as this can help the reader to understand the Commission's service context. In cases when the indicator's value achieves 80% or less of the target, the comment becomes mandatory.



<sup>(9)</sup> If the EC service did not perform any transaction in the area measured by the indicator or the information is not available in the central financial system, the indicator is not calculated (i.e. displayed as “-”) in this Annex.

The detailed definitions of the indicators are available on the internal DG BUDG site (BudgPedia) and managed by unit BUDG.C5 Financial Reporting.

Indicator	Objective	Comment	DIGIT Score	EC Score
1. Commitment Appropriations Implementation	Ensure efficient use of commitment appropriations expiring at the end of Financial Year		100%	98%
2. Commitment Forecast Implementation	Ensure the cumulative alignment of the commitment implementation with the commitment forecast in a financial year		91%	98%
3. Payment Appropriations Implementation	Ensure efficient use of payment appropriations expiring at the end of Financial Year		98%	99%
4. Payment Forecast Implementation	Ensure the cumulative alignment of the payment implementation with the payment forecast in a financial year		93%	98%
5. Global Commitment Absorption <sup>(10)</sup>	Ensure efficient use of already earmarked commitment appropriations (at L1 level)		100%	97%
6. Timely Payments	Ensure efficient processing of payments within the legal deadlines	DG DIGIT reached the target of 97% of timely payments. It needs to be noted that this new indicator shows consistency with the indicator used previously, illustrating a positive and stable situation in DIGIT, 98.7% of payments made on time.	97%	98%
7. Timely Decommitments	Ensure efficient decommitment of outstanding RAL at the end of commitment life cycle		98%	93%
8. Invoice Registration Time	Monitor the accounting risk stemming from late registration of invoices in the central accounting system ABAC		99%	95%
9. Accounting Data Quality	Ensure the good data quality of ABAC transactions with the focus on fields having a primary impact on the accounts		100%	100%
10. Management Data Quality	Ensure the good data quality of ABAC transactions with the focus on fields having a primary impact on the management decisions		98%	98%

<sup>(10)</sup> Due to technical limitation: 1. the indicator does not take into account the Com L1 Consumption between the FDC ILC date and the FA FDI allowed as an exception in the external actions for Com L1 of type GF, i.e. with Financing Agreement, under the FR2018 Article 114.2. 2. it is technically not possible to exclude the decommitment of RAL (C8) which is subsequently re-committed for a new purpose. As a result, the actual Indicator score may be slightly higher than the one reported for DGs using the GF commitments.



## ANNEX 5: Materiality criteria

DG DIGIT uses the corporate guidelines for determining materiality as regards legality and regularity. According to these guidelines, only material reservations can be used to qualify the annual declaration. In the analysis leading to the decision to issue a reservation or not, the following steps are followed:

- a) Identifying a deficiency (e.g.: a significant weakness of the control systems, insufficient audit coverage, a critical issue outlined by the European Court of Auditors, the Internal Audit Service or European Anti-Fraud Office);
- b) Determining if the deficiency falls within the scope of the Authorising Officer by Delegation's declaration (it relates to the reasonable assurance concerning the use of resources, sound financial management or legality and regularity of underlying transactions);
- c) **Qualitative assessment:** assessing if the deficiency is significant in qualitative terms. In order to perform the deficiency's qualitative assessment, the following four pillars need to be analysed:
  - the nature and scope of the deficiency,
  - the duration of the deficiency,
  - the existence of compensatory measures (mitigating controls which reduce the impact of the deficiency),
  - the existence of effective remedial actions to correct the deficiencies (action plans and financial corrections) which have had a measurable impact;
- d) **Quantitative assessment:** a deficiency, which is significant from a qualitative perspective, must be quantified in terms of "monetary value of the identified problem"/ "amount considered at risk". In line with the guidelines agreed centrally in the Commission, DG DIGIT applies the recommended threshold of 2 % i.e. when the value of the transactions affected by the deficiency represents more than 2 %.

Since 2019<sup>(11)</sup>, a 'de minimis' threshold for financial reservations has been introduced. Quantified annual activity report reservations related to residual error rates above the 2% materiality threshold are deemed not substantial for segments representing less than 5% of a DG's total payments and with a financial impact below EUR 5 million. In such cases, quantified reservations are no longer needed.

- e) For deficiencies which are considered significant from a qualitative point of view, but their financial impact is lower than the 2 % threshold, DIGIT takes into account the potential reputational consequences they may entail. A reservation would be made if such a reputational event were to occur and negatively impact the image of the Commission. Such a reservation would be based on the nature of the impact on reputation, the breadth of awareness of the event, and the duration of impact of the reservation. Sustained or medium-term negative perception from stakeholders with

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<sup>(11)</sup> Agreement of the Corporate Management Board of 30/4/2019.

an impact on the ability of DIGIT to meet its key objectives would be considered for a reservation.

## ANNEX 6: Relevant Control Systems for budget implementation (RCSs)

Relevant Control System : Procurement			
Stage 1: Ex-ante - Planning Main internal control objectives: Effectiveness, efficiency and economy of procurement procedures. Compliance (legality and regularity).			
Main risks <i>It may happen (again) that...</i>	Mitigating controls	Coverage frequency and depth of controls	Possible Cost-effectiveness indicators (3Es)
The needs are not well defined (operationally and economically) and the decision to procure was inappropriate to meet the operational objectives	Publication of intended procurements / Work programme.	100% of the forecast procurements (open procedures with prior notification) are published in the OJEU (Prior Information Notice) and justified in a note addressed to the AO(S)D	<p><b>Effectiveness:</b> Number of projected procurement procedures cancelled</p> <p><b>Benefits (qualitative):</b> Better value for money, deterrent effects, efficiency gains, system improvements, compliance with regulatory provisions, no litigation</p> <p><b>Efficiency:</b> average cost per procurement procedure</p> <p><b>Economy (costs):</b> estimation of cost of staff involved and the related contract values</p>
	Validation by AO(S)D of the justification (economic, operational) for launching a procurement process	100% of the forecast procurements	
	General orientation, objectives of the procurement and means are discussed in Management Meetings	All major (above 144 000 EUR) procurement procedures are discussed at the DIGIT Procurement Board chaired by the Director General	
The best offers are not submitted due to the poor definition of the tender specifications.	AOSD supervision and approval of specifications.	100% of the specifications are scrutinised	<p><b>Effectiveness:</b> Number of 'open' or procedures where only one or no offers were received / Number of requests for clarification</p> <p><b>Benefits:</b> limit the risk of litigation, limit the risk of cancellation of a tender.</p> <p><b>Efficiency:</b> Estimated average cost of a procurement procedure.</p> <p><b>Economy (costs):</b> Estimation of cost of staff involved and the related contract values</p>
	All pending legal challenges are closely monitored.	100% of litigation cases monitored.	
	Publication of intended procurements / Work programme.	100% of the forecast procurements (open procedures with prior notification) are published in the OJEU (Prior Information Notice)	
The most economically advantageous offer not being selected, due to a biased, inaccurate or 'unfair' evaluation process	Formal evaluation process: Opening committee and Evaluation committee	100% of the offers analysed	<p><b>Effectiveness:</b> Numbers of 'valid' complaints or litigation cases filed.</p> <p><b>Benefits:</b> Potential irregularities/ inefficiencies prevented Avoid contracting with excluded economic operators</p>
	Consultation of the DIGIT procurement Board and GAMA advisory body	Random selection by the GAMA body.	

			Amount of procurements successfully challenged during standstill period.
	Exclusion criteria documented	100% checked	<b>Efficiency:</b> Estimate average cost of procurement procedure
	Standstill period, opportunity for unsuccessful tenderers to put forward their concerns on decision.	100% when conditions are fulfilled	<b>Economy (costs):</b> estimation of costs involved

Relevant Control System : Procurement			
Stage 2: Ex-ante - Financial transactions Main internal control objectives: Ensuring that the implementation of the contract is in compliance with the signed contract			
Main risks <i>It may happen (again) that...</i>	Mitigating controls	Coverage frequency and depth of controls	Possible Cost-effectiveness indicators (3Es)
The products / services / works foreseen are not, totally or partially, provided in accordance with the technical description and requirements foreseen in the contract and/or the amounts paid exceed that due in accordance with the applicable contractual and regulatory provisions.  Business discontinues because contractor fails to deliver	Operational and financial checks in accordance with the financial circuits	100% of the contracts (SCs) are controlled	<b>Effectiveness:</b> % error rate prevented (amount of errors/irregularities averted over total payments )  Number of irregularities found
	Operation authorisation by the AO(S)Ds	100 % of financial transactions controlled ex-ante (this includes : commitments and payments)	<b>Benefits:</b> Amount of irregularities, errors and overpayments prevented by the controls  <b>Efficiency:</b> Average cost per transaction % cost over annual amount disbursed Time-to- payment Late interest payment and damages paid (by the Commission)
	Management of sensitive functions	Each year	<b>Economy (costs):</b> estimation of cost of staff involved

**Relevant Control System : Procurement**

**Stage 3: Ex-Post – Supervisory measures**

**Main internal control objectives: Ensuring that any weakness in the procedures (procurement and financial transactions) is detected and corrected**

Main risks <i>It may happen (again) that...</i>	Mitigating controls	Coverage frequency and depth of controls	Possible Cost-effectiveness indicators (3Es)
<p>An error or non-compliance with regulatory and contractual provisions, including technical specifications, or a fraud is not prevented, detected or corrected by ex-ante control, prior to payment.</p>	<p>Supervisory desk review financial transactions &amp; procurement procedures (ex-post control)</p>	<p>Sample in line with ex-post procedures in place (for financial transactions &amp; procurement procedures)</p>	<p><b>Effectiveness:</b> Amounts associated with errors detected (related to fraud, irregularities and error). In % over total checked. Number of system improvements made.</p> <p><b>Benefits:</b> Amounts detected associated with fraud &amp; error Deterrents &amp; systematic weaknesses corrected Preventing unauthorized access to financial systems</p> <p><b>Efficiency:</b> Costs of the ex post controls and supervisory measures with respect to the 'benefits'. Average cost of an ex-post control Average cost of financial systems access rights control</p> <p><b>Economy (costs):</b> Estimation of cost of staff involved</p>
	<p>Review of ex post results</p>	<p>Any systemic problem in procurement procedures and in financial transaction procedures are reported and analysed</p>	
	<p>Review of exceptions and non-compliance reports</p>	<p>At least once a year: Evaluation of non-compliance and exception reports</p>	
	<p>Review of incidents occurred during procurement procedures</p>	<p>Corrective measures taken if appropriate (cost - effectiveness criteria).  Revision of procedures and/or checklists.</p>	
<p>Close monitoring of physical and IT access rights to financial systems</p>	<p>Yearly control on financial systems access rights</p>		

**Relevant Control System : Revenues (Chargeback)**

**Stage 1 : Recognition: establishment of the Commission's rights**

**Main internal control objectives: Ensuring that the Commission establishes its revenue entitlements correctly and sets up its management reporting and information security; Compliance (legality & regularity); Sound Financial Management (effectiveness, efficiency, cost-effectiveness); Prevention of fraud (anti-fraud strategy); Reliable Reporting (true and fair view).**

Main risks <i>It may happen (again) that...</i>	Mitigating controls	Coverage frequency and depth of controls	Possible Cost-effectiveness indicators (3Es)
<p>The MOUs / SLAs embed weaknesses that would undermine the Commission's legal rights in terms of revenue entitlements.</p>	<p>Information on the IT services and their costs are available online on DIGIT web pages as well as on request.</p> <p>Specific information on the IT services delivered can be found in specific technical (SLAs, hosting proposals, etc.) and administrative (MoUs) documents.</p> <p>Hierarchical validation of the operation with legal &amp; financial circuits, within the authorising department</p>	<p>All services</p>	<p><b>Effectiveness:</b> Value of the charge-back amount</p> <p><b>Benefits:</b> The pooling of resources in order to achieve better services at a lesser cost</p> <p><b>Efficiency:</b> Know-how, capacities and resources developed can be made available for a fraction of the cost of what it would cost developing them internally or procuring them in the open market</p> <p>The goods and services may not be available off-the-shelf</p>
<p>Recognition of the revenues are not done at the right moment (e.g. when they become due) or not for the right amount.</p>	<p>Services, costs and performance indicators are defined and described in technical documents (services catalogues, Service Level Agreements (SLAs), hosting proposals, etc.) and administrative and budgetary provisions are set up in memoranda of understanding (MoUs) approved by the Customer and by DIGIT, service supplier.</p>	<p>All services</p>	<p><b>Economy (costs):</b> Cost of control of charge-back activities in this phase / Amount charged-back.</p>

**Relevant Control System : Revenues (Chargeback)**

**Stage 2 : Protection: recording, follow-up and accounting of the Commission's rights**

**Main internal control objectives: Ensuring that the Commission establishes its revenue entitlements correctly and sets up its management reporting and information security; Compliance (legality & regularity); Sound Financial Management (effectiveness, efficiency, cost-effectiveness); Prevention of fraud (anti-fraud strategy); Reliable Reporting (true and fair view).**

Main risks <i>It may happen (again) that...</i>	Mitigating controls	Coverage frequency and depth of controls	Possible Cost-effectiveness indicators (3Es)
<p>The implementation of the MOUs / SLAs entails weaknesses, which lead to the Commission's legal rights in terms of revenue entitlements not being duly protected and/or registered and/or reliably reported.</p>	<p>For sub delegated budget lines DIGIT provides the Authorising Officer by Delegation (AOD) with a report to be annexed to the AAR.</p> <p>Checking &amp; filing of supporting documents</p>	<p>All services</p>	<p><b>Effectiveness:</b> Value of the charge-back amount</p> <p><b>Benefits:</b> The pooling of resources in order to achieve better services at a lesser cost</p>

			<p><b>Efficiency:</b></p> <p>Know-how, capacities and resources developed can be made available for a fraction of the cost of what it would cost developing them internally or procuring them in the open market</p> <p>The goods and services may not be available off-the-shelf</p> <p><b>Economy (costs):</b></p> <p>Cost of control of charge-back activities / Amount charged-back.</p>
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Relevant Control System : Revenues (Chargeback)			
Stage 3 : Ex-post – Supervisory measures			
Main internal control objectives: Ensuring that any weakness in the procedures (chargeback) is detected and corrected			
Main risks <i>It may happen (again) that...</i>	Mitigating controls	Coverage frequency and depth of controls	Possible Cost-effectiveness indicators (3Es)
An error or non-compliance with regulatory and contractual provisions, including technical specifications, or a fraud is not prevented, detected or corrected by ex-ante control, prior to payment	<p>Supervisory measures : regular follow-up of the Master Table</p> <p>Reconciliation for ROs : DWH ABAC with the Master Table</p> <p>Reconciliation of co-delegated budget lines in ABAC Workflow with the Master Table</p>	100%	<p><b>Effectiveness:</b></p> <p>value of the charge-back amount</p> <p><b>Benefits :</b></p> <p>Amounts detected associated with error corrected</p> <p><b>Efficiency:</b></p> <p>Estimation of cost of staff involved</p> <p><b>Economy (costs):</b></p> <p>Cost of control of charge-back activities / Amount charged-back</p>

Relevant Control System : Non-expenditure items : (In)tangible Assets			
Stage 1 : Recognition: establishment of the Commission's rights			
Main internal control objectives: Ensuring that the Commission establishes its assets ownership and liabilities correctly and sets up its management reporting and information security; Sound Financial Management (effectiveness, efficiency, cost-effectiveness); Prevention of fraud (anti-fraud strategy); Safeguarding Assets (incl. accounting); Reliable Reporting (true and fair view).			
Main risks <i>It may happen (again) that...</i>	Mitigating controls	Coverage frequency and depth of controls	Possible Cost-effectiveness indicators (3Es)
Recognition of the assets is not done at the right moment (e.g. when they become due, when the ownership is transferred, when they become certain), or not for the right amount.	Hierarchical validation of the operation with legal & financial circuits, within the authorising department	100%	<p><b>Effectiveness:</b> Value of the assets concerned</p> <p><b>Benefits:</b> The (average annual) total value of the significant errors detected/avoided - and thus prevented in terms of the Commission's rights</p>
	AccO verifying that AO(S)Ds establish inventory and information flow into ABAC (cf. validation of local systems)	100%	<p><b>Efficiency:</b> Value of assets in relation to the cost of staff involved</p> <p><b>Economy (costs):</b> Estimation of cost of staff involved</p>

Relevant Control System : Non-expenditure items : (In)tangible Assets			
Stage 2 : Protection: recording, follow-up and accounting of the Commission's rights			
Main internal control objectives: Ensuring that the Commission registers and protects its assets ownership and liabilities correctly, reports transparently ; Compliance (legality & regularity); Sound Financial Management (effectiveness, efficiency, cost-effectiveness); Prevention of fraud (anti-fraud strategy); Safeguarding Assets (incl. accounting); Reliable Reporting (true and fair view).			
Main risks <i>It may happen (again) that...</i>	Mitigating controls	Coverage frequency and depth of controls	Possible Cost-effectiveness indicators (3Es)
EU accounting rules are not respected regarding assets	Clear procurement, accounting, inspection, depreciation and disinvestment rules; EU accounting rules	For 100% of the assets.	<p><b>Effectiveness:</b> Value of the assets concerned number of findings about incorrect registration of items</p>



	(In)tangible assets and inventories follow formal procedure for disposal of assets	Close follow up of inventory and depreciation	<b>Benefits:</b> Avoid the wrong imputation in accounting system and compliance with regulatory provisions.
Failing to prevent, detect and correct negligence, irregularities, errors, losses or attempted fraud.	<p>Controls aiming at safeguarding the assets it purchases and manages on behalf of all the DGs and services of the Commission:</p> <ul style="list-style-type: none"> <li>• Physical check of all assets and non-assets</li> <li>• Itemised checks when writing off obsolete, lost or damaged goods, as well as on-going registration in ABAC Assets of all logistical movements (deliveries, moves, swaps, withdrawals, etc.)</li> </ul>	<p>100% during the life-cycle of the items</p> <p>Physical check at least every two years</p>	<p><b>Efficiency:</b> Value of assets in relation to the cost of staff involved</p> <p><b>Economy (costs):</b> estimation of cost of staff involved</p>

**Relevant Control System : Non-expenditure items : Information & IT security**

**Stage 1 : Protection: recording & follow-up of the Commission's rights**

**Main internal control objectives: Sound Financial Management (effectiveness, efficiency, cost-effectiveness); Prevention of fraud (anti-fraud strategy); Safeguarding Information ; Reliable Reporting (true and fair view)**

Main risks <i>It may happen (again) that...</i>	Mitigating controls	Coverage frequency and depth of controls	Possible Cost-effectiveness indicators (3Es)
Sensitive information is 'lost' (abused, made public) or its integrity breached (data altered)	Internal rules on data protection in line with Commission's rule, and internal rules on treatment of sensitive information Close monitoring of physical and IT access rights to financial systems	100% Yearly control on financial systems access rights	<b>Effectiveness:</b> Nr of events during the reporting year
Sabotage, destruction of critical documents, damage to equipment, theft of high-value equipment or sensitive information by external parties / contractors	Organisation of meetings with HR/DS to standardise and reinforce the access security measures for external staff (use of a single Information system...) Security clearance for contractors when needed Close monitoring of physical and IT access rights to financial systems	Security rules and culture to be adjusted in view of latest technical developments and 'possibilities' Right to clearance 100% checked Yearly control by ICC on financial systems access rights	<b>Benefits:</b> Avoid the non-compliance with regulatory provisions and loss of information / preventing Commission's exposure No unauthorised access <b>Efficiency:</b> No reputational events damaging Commission <b>Economy (costs):</b> Estimation of cost of staff involved
Politically or economically motivated computer crime (hacking) to conduct sabotage or espionage against the Commission's IT systems.	Increase the Commission's capability for detection, preventive and responsive measures Ensure that key IT security processes are implemented consistently across the Commission for main corporate IT systems. Improve global IT infrastructure security level through network and endpoint securisation and security oversight of key corporate systems	Application of IT security governance rules Commission wide	<b>Effectiveness:</b> Nr of events during the reporting year <b>Benefits:</b> The number avoided breaches (annually) and thus preventing Commission's exposure <b>Efficiency:</b> No reputational events damaging Commission <b>Economy (costs):</b> Estimation of cost of staff involved (DIR S of DIGIT + all various stakeholders (end-users, technical staff, decision makers

## ANNEX 7: Specific annexes related to "financial management"

### Audit observations and recommendations

#### A. List of IAS audits finalised in DIGIT during 2018-2022

Audit on synergies and efficiencies review (BUDG, COMM, DIGIT, HR, JRC, SCIC, SG, OIB) (2018);

Audit on CEF telecom governance (CNECT, DGT, DIGIT, EMPL, GROW, JUST, SANTE) (2018);

Audit on intellectual property rights supporting activities (JRC, COMM, GROW, DIGIT, OP) (2018);

Audit on business continuity at DG COMM (COMM, DIGIT) (2018);

Audit on IT project management practices for multi-DG projects in DG DIGIT (2019);

Audit on management of outsourced cloud services (DIGIT, HR, SG) (2020);

Audit on WIFI4EU (CNECT, DIGIT, INEA) (2020);

Audit on Commission's strategy for data, information and knowledge management (BUDG, DIGIT, ESTAT, JRC, SG) (2020);

Audit on data protection (SG, LS, HR, JRC, DIGIT) (2020);

Audit on IT security management in the HR family (DIGIT, HR, PMO, EPSO) (2021);

Audit on the management and monitoring of compliance with the Commission's IT security framework (2021);

Audit on progress in the implementation of the European Commission digital strategy (2022);

Audit on physical security of persons and assets in the Commission (HR, COMM, OIB, OIL, DIGIT) (2022);

Audit on public procurement in DG DIGIT (2022).

#### B. 'Very important' recommendations listed in IAS limited conclusion<sup>(12)</sup>

##### **Audit on the management of public cloud services (DIGIT, HR, SG) (2020)**

The **objective** of this audit was to evaluate whether the Commission has put in place appropriate arrangements for the use of public Infrastructure as a Service and Platform as a Service cloud services, enabling it to achieve its objectives while reducing risk exposure to an acceptable level and optimising the use of resources.

The **final audit report** was received mid-November 2020. IAS issued two 'vey important' recommendations to DIGIT:

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<sup>(12)</sup> 'Important' recommendations are not reported in this annex.

**Rec. 1 – Governance of cloud services;**

**Rec. 2 – Cloud security services.**

DIGIT prepared and submitted an action plan, which was accepted by IAS. DIGIT is currently implementing the action plan to address these recommendations.

DIGIT has marked Rec. 1 has 'fully implemented', in line with the agreed target date (end 2021), and IAS has closed it following its review. As for Rec. 2, DIGIT has revised the original due date (end 2022) to Q2 2023, as few actions are still ongoing. This slight administrative delay does not have a significant impact, as measures are in place to mitigate the related risks.

IAS 'very important' recommendations	Measures implemented by DIGIT
<p><b>Rec. 1 – Governance of cloud services</b></p>	<p>DIGIT has made significant improvements as regards strengthening the corporate governance on cloud issues. In particular, it created the Cloud Centre of Excellence and mandated it to promote cloud computing adoption and to foster the development and deployment of a portfolio of cloud services. In addition, DIGIT improved the reporting of risks related to all dimensions of the public cloud services. The Information Technology and Cybersecurity Board (ITCB) regularly discusses the progress made in implementing the Commission's cloud strategy as an enabler of the Commission political objective of digital transition set under the digital strategy. Moreover, DIGIT provides guidance to Commission departments in assessing the scope and the use of cloud services, together with support for the development of an internal community of practice on cloud related issues.</p>
<p><b>Rec. 2 – Cloud security services</b></p>	<p>DIGIT has developed and implemented cloud-ready IT security services in line with the agreed action plan. Regular progress reporting is done to the ITCB. DIGIT has developed a Maturity Assessment tooling. The implementation of measures enabling security monitoring is ongoing, and other security services are also being progressively enabled. The Cloud Security Service KPIs have been defined so as to enable effective monitoring of the service level offered by cloud security services.</p>

***Audit on IT security management in the HR family (DIGIT, HR, PMO, EPSO) (2021)***

The **objective** of this audit was to assess the adequacy of the design and the effectiveness of the implementation of the governance, management and control processes put in place by HR family members for their systems.

The **final audit report** was received mid-November 2021. IAS issued two 'very important' recommendations to DIGIT:

**Rec. 1 – Logical system-related controls;**

**Rec. 2 – IT service provider management.**

DIGIT prepared and submitted an action plan, which was accepted by IAS. DIGIT is currently implementing the action plan according to the agreed target dates (Q3 2023 for both ‘very important’ recommendations), therefore mitigating the related risks.

IAS ‘very important’ recommendations	Measures implemented by DIGIT
<b>Rec. 1 – Logical system-related controls</b>	Relevant actions have been taken, in line with the agreed action plan, related to user access management, system interfaces and separation of production from non-production environments, manual interventions, use of production data.
<b>Rec. 2 – IT service provider management</b>	Relevant actions have been taken, in line with the agreed action plan, related to the assessment of appropriate hosting solutions.

***Audit on progress in the implementation of the European Commission digital strategy (2022)***

The **objective** of this audit was to assess whether the Commission has designed and deployed an effective and efficient control system to oversee, manage and monitor the implementation of the European Commission Digital Strategy<sup>(13)</sup>.

The **final audit report** was received mid-July 2022. IAS issued one ‘very important’ recommendation to DIGIT:

**Rec. 1 – Digitalisation**

DIGIT prepared and submitted an action plan, which was accepted by IAS. DIGIT is currently implementing the action plan according to the agreed target dates (Q1 2024 for the ‘very important’ recommendation), therefore mitigating the related risks.

IAS ‘very important’ recommendation	Measures implemented by DIGIT
<b>Rec. 1 – Digitalisation</b>	In 2022, DIGIT has launched a pilot with some DGs to support the draft of their digital transformation roadmap. DIGIT will set up an advisory service, which will support Commission’s departments in the planning and implementation of their digital transformation initiatives.

<sup>(13)</sup> C(2018) 7118.

## **Audit on public procurement in DG DIGIT (2022)**

The **objective** of this audit was to assess if the governance, risk management and internal control framework set-up by DIGIT for its procurement activities are adequately designed, efficient and effective and provide reasonable assurance that key internal control objectives are achieved.

The **final audit report** was received end July 2022. IAS issued one ‘very important’ recommendation to DIGIT:

### **Rec. 1 – Steering of ICT procurements.**

DIGIT prepared and submitted an action plan, which was accepted by IAS. DIGIT is currently implementing the action plan according to the agreed target dates (end 2023 for the ‘very important’ recommendation), therefore mitigating the related risks.

IAS ‘very important’ recommendation	Measures implemented by DIGIT
<b>Rec. 1 – Steering of ICT procurements</b>	As from September 2022, the use of the Public Procurement Management (PPMT) and eSubmission tools has been made obligatory for the procedures with low and middle value. A set of new guidelines has also been developed to assist DIGIT staff members responsible for conducting those procurement procedures. In addition to this, the DIGIT Procurement Board (DPB) endorsed in November 2022, an updated proposal on DIGIT’s procurement delivery model paper, on the use of more efficient procurement

## Table Y on the estimated “cost of controls” at Commission level

DG DIGIT Cost of controls - Overview of DIGIT's estimated cost of controls at Commission (EC) level								
EXPENDITURE								
The absolute values are presented in EUR								
DIGIT	Ex ante controls***			Ex post controls			Total	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Relevant Control System (RCS) / Other as defined in Annex 6 of the AAR*	EC total costs	related payments Made	Ratio (%)** (a)/(b)	EC total costs	total value verified and/or audited	Ratio (%) (d)/(e)	EC total estimated cost of controls (a)+(d)	Ratio (%)** (g)/(b)
Procurement	1.663.860,00 €	2.800.949.849,00 €	0,06%	- €	- €	0,00%	1.663.860,00 €	0,06%
Financial circuits - commitments	1.997.010,00 €	458.431.859,25 €	0,44%	- €	- €	0,00%	1.997.010,00 €	0,44%
Financial circuits - payments	1.269.280,00 €	438.909.024,13 €	0,29%	19.220,00 €	1.604.667,15 €	1,20%	1.288.500,00 €	0,29%
	- €	- €	0,00%	- €	- €	0,00%	- €	0,00%
	- €	- €	0,00%	- €	- €	0,00%	- €	0,00%
	- €	- €	0,00%	- €	- €	0,00%	- €	0,00%
	- €	- €	0,00%	- €	- €	0,00%	- €	0,00%
	- €	- €	0,00%	- €	- €	0,00%	- €	0,00%
	- €	- €	0,00%	- €	- €	0,00%	- €	0,00%
	- €	- €	0,00%	- €	- €	0,00%	- €	0,00%
	- €	- €	0,00%	- €	- €	0,00%	- €	0,00%
	- €	- €	0,00%	- €	- €	0,00%	- €	0,00%
	- €	- €	0,00%	- €	- €	0,00%	- €	0,00%
	- €	- €	0,00%	- €	- €	0,00%	- €	0,00%
	- €	- €	0,00%	- €	- €	0,00%	- €	0,00%
	- €	- €	0,00%	- €	- €	0,00%	- €	0,00%
<b>OVERALL total estimated cost of control at EC level for expenditure</b>	<b>4.930.150,00 €</b>	<b>3.698.290.732,38 €</b>	<b>0,13%</b>	<b>19.220,00 €</b>	<b>1.604.667,15 €</b>	<b>1,20%</b>	<b>4.949.370,00 €</b>	<b>0,13%</b>
<b>SHARED/POOLED CONTROL ACTIVITIES (RTD &amp; REA)</b>								
Common Audit Service (only DG RTD)	- €	- €	0,00%	- €	- €	0,00%	- €	0,00%
Validation services (only REA)	- €	- €	0,00%	- €	- €	0,00%	- €	0,00%
Expert management (only REA)	- €	- €	0,00%	- €	- €	0,00%	- €	0,00%
<b>NON-EXPENDITURE ITEMS ****</b>								
DIGIT	Ex ante controls***			Ex post controls			Total	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Relevant Control System (RCS) / Other as defined in Annex 6 of the AAR*	EC total costs	related amounts	Ratio (%)** (a)/(b)	EC total costs	total value verified and/or audited	Ratio (%) (d)/(e)	EC total estimated cost of controls (a)+(d)	Ratio (%)** (g)/(b)
<b>Only applicable for DGs with non-expenditure items</b>								
Chargeback	255.610,00 €	214.559.472,00 €	0,12%	19.220,00 €	214.559.472,00 €	0,01%	274.830,00 €	0,13%
Assets (incl. Access rights)	616.480,00 €	42.085.310,05 €	1,46%	230.890,00 €	42.085.310,05 €	0,55%	847.370,00 €	2,01%
	- €	- €	N/A	- €	- €	N/A	- €	N/A
	- €	- €	N/A	- €	- €	N/A	- €	N/A

## **ANNEX 8: Specific annexes related to "assessment of the effectiveness of the internal control systems"**

All relevant information is included in section 2.1.3 of the AAR.



## ANNEX 9: Specific annexes related to control results

### Annex related to "Control results" - Table X: Estimated risk at payment and at closure

Table X : Estimated risk at payment and at closure

DG DIGIT	Payments made (2022;MEUR)	minus new prefinancing (in 2022;MEUR)	plus cleared prefinancing (in 2022;MEUR)	Relevant expenditure (for 2022;MEUR)	Detected error rate or equivalent estimates	Estimated risk at payment (2022;MEUR)	Adjusted Average Recoveries and Corrections (adjusted ARC; %)	Estimated future corrections [and deductions] (for 2022;MEUR)	Estimated risk at Closure (2022;MEUR)
-1	-2	-3	-4	-5	-6	-7	-8	-9	-10
Financial circuits - Payments	438,91	0,00	0,00	438,91	0,00% - 0,50%	0,00 - 2,19	0,00% - 0,00%	0,00 - 0,00	0,00 - 2,19
<b>DG total</b>	<b>438,91</b>	<b>0,00</b>	<b>0,00</b>	<b>438,91</b>		<b>0,00 - 2,19</b>	<b>0,00% - 0,00%</b>	<b>0,00 - 0,00</b>	<b>0,00 - 2,19</b>
					<b>Overall risk at payment in %</b>	<b>0,00% - 0,50%</b> (7) / (5)		<b>Overall risk at closure in %</b>	<b>0,00% - 0,50%</b> (10) / (5)

## Notes to the table X

(1) Different segments of Relevant Control Systems described in Annex 6 are broader than payments made. For the purpose of calculation of estimated risk at payment and at closure, DG DIGIT considers more pertinent to focus on the amount of payments made.

(2) Payments made.

In all cases of Co-Delegations (Internal Rules Article 3), "payments made" are reported by the Delegated departments. For Cross-SubDelegations (Internal Rules Article 12), the reporting remains with the Delegating departments.

(3) N/A for DG DIGIT

(4) N/A for DG DIGIT

(5) For the purpose of equivalence with the ECA's scope of the EC funds with potential exposure to legality & regularity errors (see the ECA's Annual Report methodological annex 1.1), our concept of "relevant expenditure" includes the payments made, subtracts the new pre-financing paid out [& adds the retentions made], and adds the pre-financing actually cleared [& subtracts the retentions released; and any deductions of *expenditure made by MS*] during the FY. This is a separate and 'hybrid' concept, intentionally combining elements from the budgetary accounting and from the general ledger accounting.

(6) In this column, we disclose the detected error rates or equivalent estimates. For low-risk types of expenditure, where there are indications that the equivalent error rate might be close to 'zero' (e.g. *administrative expenditure, operating contributions to agencies*), the rate which should be used is 0.5% as a conservative estimate, unless the department has a more precise estimate based on evidence.

(8) The adjusted average recovery and corrections percentage is *to some extent* based on the 7 years historic Average of Recoveries and financial Corrections (ARC), which is the best available indication of the corrective measures each department applied over the past years as a result of ex post controls. The AOD *has adjusted* this historic average *from 0.5% to 0.0%* to take into account any ex-ante elements, one-off events, (partially) cancelled or waived Recovery Orders, and other factors from the past years that would no longer be relevant for the current programmes (e.g. higher ex-post corrections of previously higher errors in earlier generations of grant programmes, current programmes with entirely ex-ante control systems) or that corresponded to exceptional situations in order to come to the best and most conservative estimate of the ex-post future corrections to be applied to the reporting year's relevant expenditure for the current programmes. Over the past years, the implementation of ex-ante and ex-post controls has not resulted in any major financial correction/recovery order after payment. This is due to the fact that no financial error has been detected and administrative errors were corrected before payments were made. These results are expected to continue, having as a result an estimated future financial corrections of 0%.

(9) N/A for DG DIGIT

## **Reservations**

### A. Reservation fiche

N/A for DG DIGIT

### B. Operational Programmes / Paying Agencies under reservation and targeted actions

N/A for DG DIGIT

### C. Reservations issued for Operational Programme or Paying Agency in last year's annual activity report and lifted in 2022

N/A for DG DIGIT

# ANNEX 10: Reporting – Human resources, digital transformation and information management and sound environmental management

**Objective: DIGIT employs a competent and engaged workforce and contributes to gender equality at all levels of management to effectively deliver on the Commission's priorities and core business**

**Indicator 1: Number and percentage of first female appointments to middle management positions**

**Source of data:** SEC(2020)146 for baseline and target

Baseline (01.02.2020)	Target (2022) + (2024)	Latest Known Results (2022)
6 out of 20 (30%)	2022: + 2 first female appointments to middle management  2024: to be further defined	<b>Target achieved:</b> 3 first female appointments in 2022 (4 since target set, + 2 beyond the target)

**Indicator 2: DIGIT staff engagement index**

**Source of data:** Commission staff surveys 2018 and 2021

Baseline 2018	Target 2022 2024	Latest known results
68%	72% 75%	<b>Target achieved:</b> 76% (result of latest staff survey from 2021)

**Additional main outputs in 2022:**

Output	Indicator	Target	Latest known results
Wellbeing & Work-Life Balance	Staff Survey 2021:  1) "I feel that this organisation cares about my wellbeing at work"  Baseline 2018 Staff Survey: 51%	1) 60% (+9%)	<b>Target Partially Achieved</b> 1) 60% (Staff Survey 2021)  2) 53% (Staff Survey 2021)
	2) "I have a good balance between my work and private life"  Baseline 2018 Staff Survey: 66%	2) 70% (+4%)	

Learning & Development	Optimal planning and execution of DIGIT's L&D needs through external training budget plan.	Full coverage of identified learning needs of DIGIT staff by external training budget of DG HR in 2021 (or best possible in the context of COVID-19 disruption)	<b>Target Partially Achieved</b>  84% of Local L&D Budget Consumed. Learning needs only partially covered.
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**Objective: DIGIT is using innovative, trusted digital solutions for better policy-shaping, information management and administrative processes to forge a truly digitally transformed, user-focused and data-driven Commission**

**Indicator 1 : Degree of compliance of IT investments with the principles of the corporate Digital Strategy<sup>(14)</sup>**

**Source of data:** DIGIT – EU-Login

Baseline (2018)	Interim milestone (2022)	Target (2024)	Latest known results 2022
75%	85%	100%	85%

**Source of data:** DIGIT – EU Access

Baseline (2018)	Interim milestone (2022)	Target (2024)	Latest known results 2022
0%	80%	100%	80%

**Source of data:** DIGIT – Compass Corporate

Baseline (2018)	Interim milestone (2022)	Target (2024)	Latest known results 2022
0%	100%	100%	100%

**Indicator 2: Percentage of DIGIT's key data assets for which corporate principles for data governance have been implemented**

**Source of data:** DIGIT

Baseline (2019)	Interim milestone (2022)	Target (2024)	Latest known results (2022)
Key data assets identified in the first inventory applying corporate governance principles By end of 2019,	Extension to further data assets covering <b>10%</b> additional DIGIT data assets – 33 key data assets in the EC data catalogue	Extension to further data assets covering <b>15%</b> additional DIGIT data assets – 38 key data assets in the EC data catalogue	<b>Target achieved:</b> 26 data assets (- 5 compared to 2021) – <b>100%</b> compliance with corporate principles. The reduction of key data assets in the catalogue

<sup>(14)</sup> The European Commission Digital Strategy (C(2018)7118) calls on Commission services to digitally transform their business processes by developing new innovative digital solutions or make evolve the existing ones in line with the principles of the strategy. At the beginning of the year N+1, the Solution Owner and IT Investments Team will assess the progress made on the basis of the proposed modernisation plan. For each of the 3 solutions, a table will reflect – per principle - the progress achieved during the last year.

29 key data assets incorporated in the EC data catalogue			is linked to the decommissioning of legacy systems and associated data assets. Further streamlining of the availability of budgetary planning and budgetary implementation data (MAP data asset).
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**Indicator 3: Percentage of staff attending awareness raising activities on data protection compliance**

**Source of data:** EU Commission

<b>Baseline (2018)</b>	<b>Interim milestone (2022)</b>	<b>Target (2024)</b>	<b>Latest known results</b>
An estimated 5% of statutory staff in DIGIT has attended Data Protection awareness activities	50% of existing staff attended Data Protection training and awareness sessions	All current DIGIT statutory staff have attended Data Protection training and awareness sessions	<b>Target partially achieved:</b> In 2022, 5 training sessions were organised, to which 160 people participated, approx. 15% of staff. Additionally, similar training opportunities offered by the Commission's DPO or by the EDPS were advertised throughout the DG, so that interested staff had access to alternative offers.

**Main Outputs in 2022**

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Latest known results</b>
Launch of Interservice consultation for the adoption of the Commission's New Digital Strategy (NDS)	ISC launched and NDS adopted	New Digital Strategy adopted by Q2 2022	<b>Target achieved –</b> New Digital Strategy adopted in Q2 2022
List of key actions on information management and data protection	Availability of training and learning material (including revamped web pages).  Creation of wiki access for informative material and templates, FAQ, etc.  Training/awareness raising sessions on data protection delivered	Training and learning material for specific audience and revamped, and web pages are available in DIGIT by end of 2022.  Wiki page available by 2022  Regular training/awareness raising sessions on data protection organised for DIGIT Staff in 2022	<b>Target partially achieved:</b> Dedicated material and web pages will be created, following DIGIT reorganisation.  Wiki page on Guidance on Data Protection was created and is available.  5 awareness raising sessions were organised in 2022.

Implementation of the corporate principles for data governance for DIGIT's key data assets	Percentage of implementation of the corporate principles for data governance for DIGIT's key data assets	Interim milestone by 2022: 50%	<b>Target achieved:</b> 100% (for the 26 key data assets in the EC data catalogue)
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**Objective: DIGIT takes full account of its environmental impact in all its actions and actively promotes measures to reduce the related day-to-day impact of the administration and its work**

**Main results and outputs in 2021:**

<b>Output</b>	<b>Indicator</b>	<b>Target</b>	<b>Latest known results (2022)</b>
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**Reducing energy and paper consumption:**

Participation in the end of the year energy saving action, by closing down DG's buildings during the Christmas and New Year's holiday period.	Number of buildings participating	At least 2 of the buildings occupied by DIGIT are participating to the initiative	<b>Target partially achieved</b> – DIGIT joined the other Services sharing the premises of L107 to the winter closure of buildings during Christmas holidays. This was ultimately decided at corporate level, hence DIGIT did not have the possibility to steer additional buildings closure.
Paperless working methods at DG level (such as paperless working: esignatories, financial circuits, collaborative working tools) and staff awareness actions to reduce office paper use in the framework of EMAS corporate campaigns and/or DSMP Paperless cluster raise awareness about DG's office paper use in collaboration with OIB/OIL where appropriate.	Number or % of staff informed/participated	100 % of DIGIT Staff informed (1/ via DIGIT monthly newsletter sent to staff email address; 2/ via DIGIT newsroom (article posted on DIGIT Intracomm))	<b>Target achieved:</b> DIGIT staff regularly informed via internal channels on alternatives to paper-based tools.  DSMP paperless cluster proactively promoted regular meetings with other DGs to discuss about paperless solutions as alternatives to current paper-based processes. A Paperless competition has been organised between July and September 2022, raising awareness on paperless solutions and inviting Commission staff to reflect on how to reduce paper-based processes.
		Reduction of paper consumption by 20%	50% compared to 2019 baseline

	Reduction of paper consumption in % (compared to 2019 baseline <sup>(15)</sup> )		
<b>Reducing emissions to air:</b>			
Staff awareness on digital pollution and gradual change of behaviours avoiding heavy emails, encouraging the use of ICT platforms, avoiding unnecessary storage of data.	Number of events organised  Number of people reached by awareness raising events/actions	1 campaign/event organised by end of 2022  100% of DIGIT Staff, Staff from other DGs possibly involved upon joint initiatives with other DGs	<b>Target achieved</b>  3 different events on 'digital mindfulness' were organised in 2022, targeting SG, EACEA, DGT, SCIC and ECFIN. More than 110 staff members from these DGs/Services registered on EU Learn and attended the lunch conferences organised by DIGIT.
<b>Reducing and managing waste:</b>			
Staff awareness actions about waste reduction and sorting in the framework of EMAS corporate campaigns and/or staff awareness actions about DG's waste generation in collaboration with OIB/OIL where appropriate (for example, promote and label the waste sorting schemes in place).	Organisation – in cooperation with other DGs – of a collection campaign of old household electronic appliances, to promote awareness on waste reduction, recycling and circular economy	Campaign launched by February 2022	<b>Target achieved</b>  DIGIT took part to a joint initiative together with other DGs/Services based in L-107 in a collection campaign of old household electronic appliances during the first weeks of 2022.
Implementation of the <a href="#">EC Guidelines for sustainable meetings and events</a> , e.g. reduce/eliminate single-use plastics, gadgets/gifts.	Number of green events	100% of events organised in DIGIT will follow the implementation of EC Guidelines for sustainability	<b>Target achieved</b> – all events organised by DIGIT in 2022 follow the implementation of the EC Guidelines for sustainability. Moreover, DIGIT tries to promote the concept of hybrid events, in order to reduce missions/mobility of participants and thus reduce CO2-related emissions.
<b>Promoting Green public procurement:</b>			

<sup>(15)</sup> Number of printed pages by DIGIT in 2019: 1 721 313.



<p>Gradual introduction of GPP criteria in contracts and starting to monitor the process <sup>(16)</sup>.</p>	<p>% of contracts relevant for the application of GPP criteria</p>	<p>100 % of relevant contracts</p>	<p><b>Target achieved.</b> In 2022, the procedure for the reopening of competition in procurement allowed the introduction of environmental technical requirements as well as the inclusion of energy consumption costs in the total price of the offers considered for evaluation. The reopening procedure concerned two competitions conducted for laptops (MEQ IV Lot 1 CRO19), and the competition conducted for accessories such as screens, keyboards, mice, memory sticks, etc. (MEQ IV Lot 2 CRO21).</p>
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<sup>(16)</sup> For information, technical support is provided by the Interinstitutional GPP Helpdesk. See also GPP webpage on MY IC for EU reference/guidelines by DG ENV.

## **ANNEX 11: Implementation through national or international public-sector bodies and bodies governed by private law with a public sector mission**

N/A for DG DIGIT

## **ANNEX 12: EAMR of the Union Delegations**

N/A for DG DIGIT

## **ANNEX 13: Decentralised agencies and/or EU Trust Funds**

N/A for DG DIGIT

## **ANNEX 14: Reporting on the Recovery and Resilience Facility**

N/A for DG DIGIT