



PUBLIC  
UTILITIES  
COMMISSION  
OF LATVIA

ENERGY INFRASTRUCTURE FORUM 2021

**DISCUSSION ON COORDINATED ONSHORE AND OFFSHORE  
INFRASTRUCTURE PLANNING**

# **GIPL & ELWIND PROJECT**

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# GIPL EXPERIENCE

**Objectives** – GIPL (LT-PL) together with Baltconnector (EE-FI) provides FinBalt region with more diverse natural gas sources, promotes efficient use of **infrastructure**, improves **competition** and enhance **enhances security of supply**.

**Preconditions** – regional agreement (BEMIP) and financial support from CEF

**Challenges** – during project development NRAs sought guidance from ACER (decision). After ACER decision additional explanatory document - Statement of Clarification (SoC) was agreed among the NRAs to ensure coordinated implementation of ACER decision. SoC included provisions related to inter TSO compensation and approach for investment inclusion in regulated asset base.

**Lessons learned** – One of the most difficult aspects in NRA cooperation is agreement on **the impact level on national tariffs**. To smooth this process the input data for the CBA (i.e. Prices, energy mix) should be agreed among NRAs before the analysis)



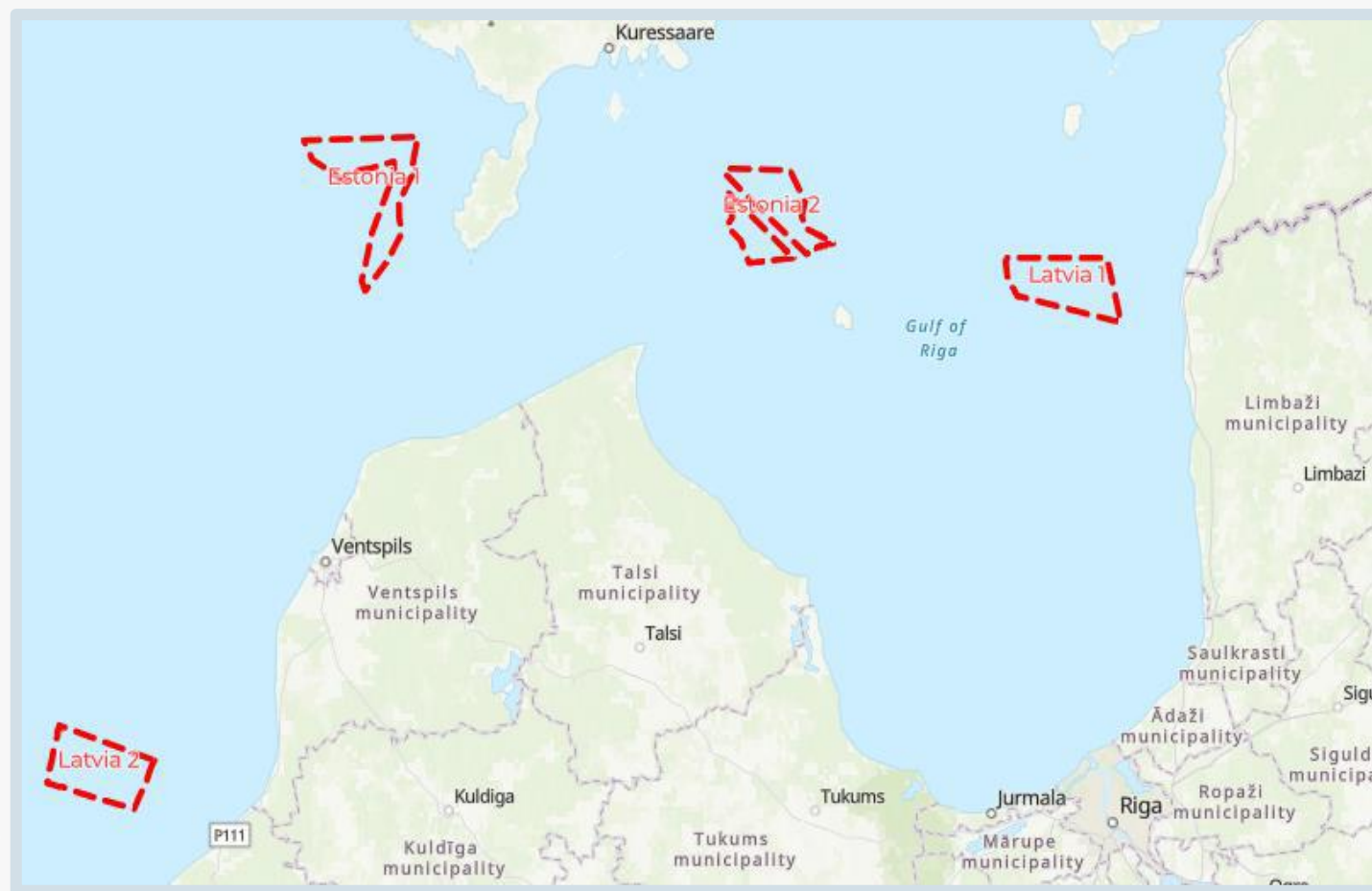
# ELWIND PROJECT DESCRIPTION

## HYBRID TYPE PROJECT

Wind power connections and LV-EE  
interconnection

## PLANNED CAPACITY

Latvia 500MW and Estonia 500MW





# ELWIND PROJECT

## DESCRIPTION

**Project's official start:** 18 September 2020 Estonian and Latvian ministries signed a MoU on an offshore wind park development (ELWIND project)

**Current stage - pre-studies:** Feasibility study, Right-of-Way study, Off-shore, Technical Catalogue. Objectives of the studies:

**Best connection points, corridor width 120m:** Latvia – Ventspils, Dundaga, Tume, Užava un Aloja and Estonia - Lihula, Sindi, Kilingi-Nomme (no industry, no military objects, no densely populated area or culturally significant locations, no animal gathering places)

**Solution of place of wind platforms** – various scenarios for Latvia (Gulf of Riga and Kurzeme coast) and Estonia (Gulf of Riga and Saaremaa) with different connection points



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### Estonia and Latvia signed a MoU for a joint offshore wind farm



18.09.2020

This week, Estonian Minister of Economic Affairs and Infrastructure Taavi Aas and Latvian Minister of Economic Affairs Janis Vitenbergs digitally signed a memorandum of understanding (MoU), which is aimed at the development of an offshore wind farm by the two states. This is the first such agreement in the region, pioneering concept of hybrid off-shore grid, connecting different markets, and enabling development of suitable off-shore production sites.

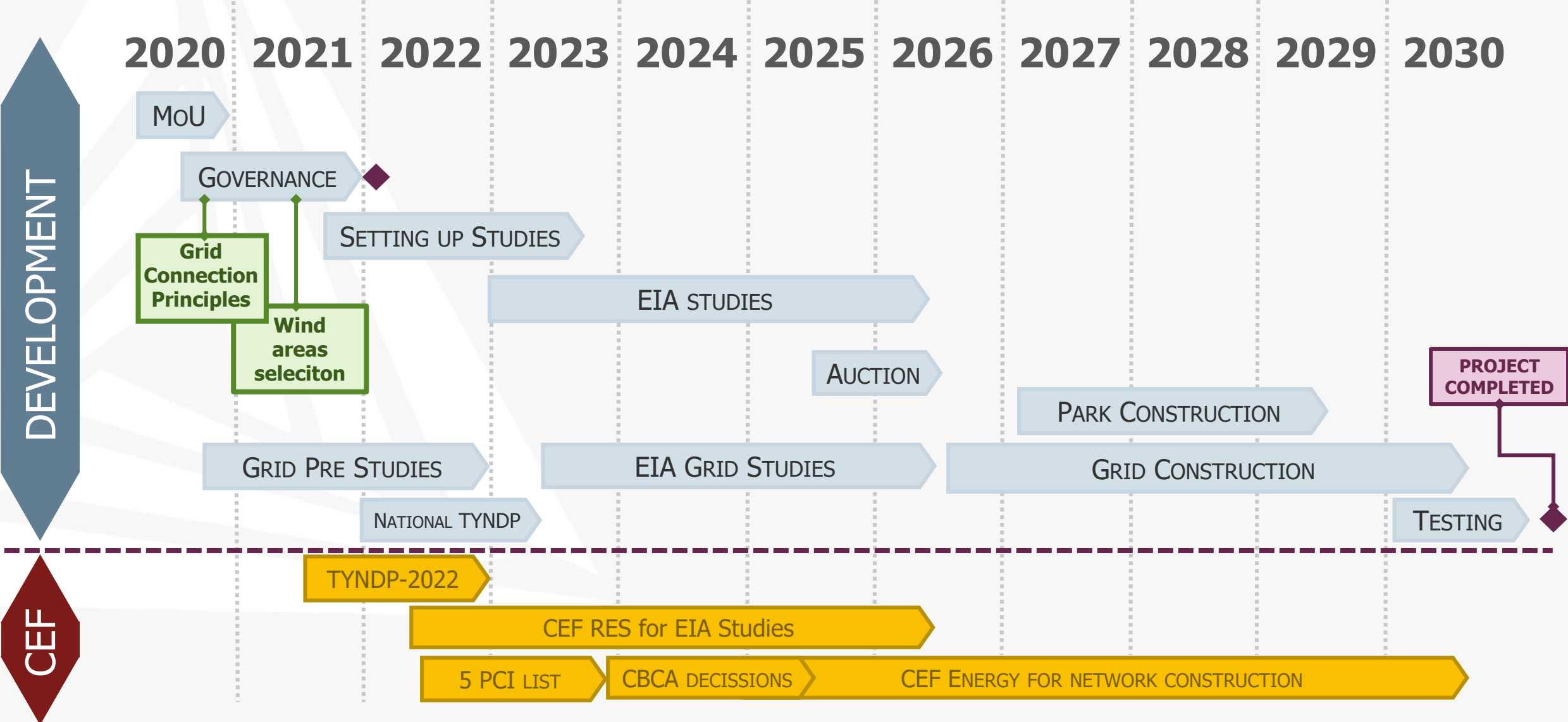
"Good neighbours joining forces in major energy projects is reasonable and also cost efficient," said Aas. "This kind of cooperation is unique in the world, as two countries will combine their will and knowledge to improve the security of the supply while increasing renewable energy production. It's equally important that cross-border cooperation makes it possible to apply for European Union co-funding for the construction of the grid."

This week European Commission introduced the plan to establish even more ambitious goals for 2030 greenhouse gas emissions reductions. Estonia and Latvia share the vision that such cooperation in offshore wind is an excellent solution for moving towards higher goals.



*Estonian Minister of Economic Affairs and Infrastructure Taavi Aas and Latvian Minister of Economic Affairs Janis Vitenbergs signed the memorandum digitally.*

# ELWIND PROJECT ROADMAP



# ELWIND PROJECT

## BENEFITS\*

New capacities in a deficit bidding zone expected to have **positive effect on electricity prices**

**Important part of future regional wind energy cooperation** In December 2020 Baltic sea region TSOs signed MoU on the Baltic sea wind park development and Latvia – Gotland-Sweden interconnection

Significant contribution towards **National Energy and Climate plan** for wind energy development

Successful completion of ELWIND hybrid project will stimulate the **development of other wind park projects**



*\*ELWIND CBA will be quantified within the process of 5 list PCI*





# Thank you for your attention!

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