



*MISSION*  
*Latvia*

**Wind park  
development in  
marine waters**



**~500 km coastline**

Favorable wind conditions in  
sea > 9 m/s



**~15 GW potential**

1/6th of the 90GW  
Baltic Sea region

# MARITIME SPATIAL PLANNING

In May 2019 the Latvian Maritime Spatial Planning document has been approved

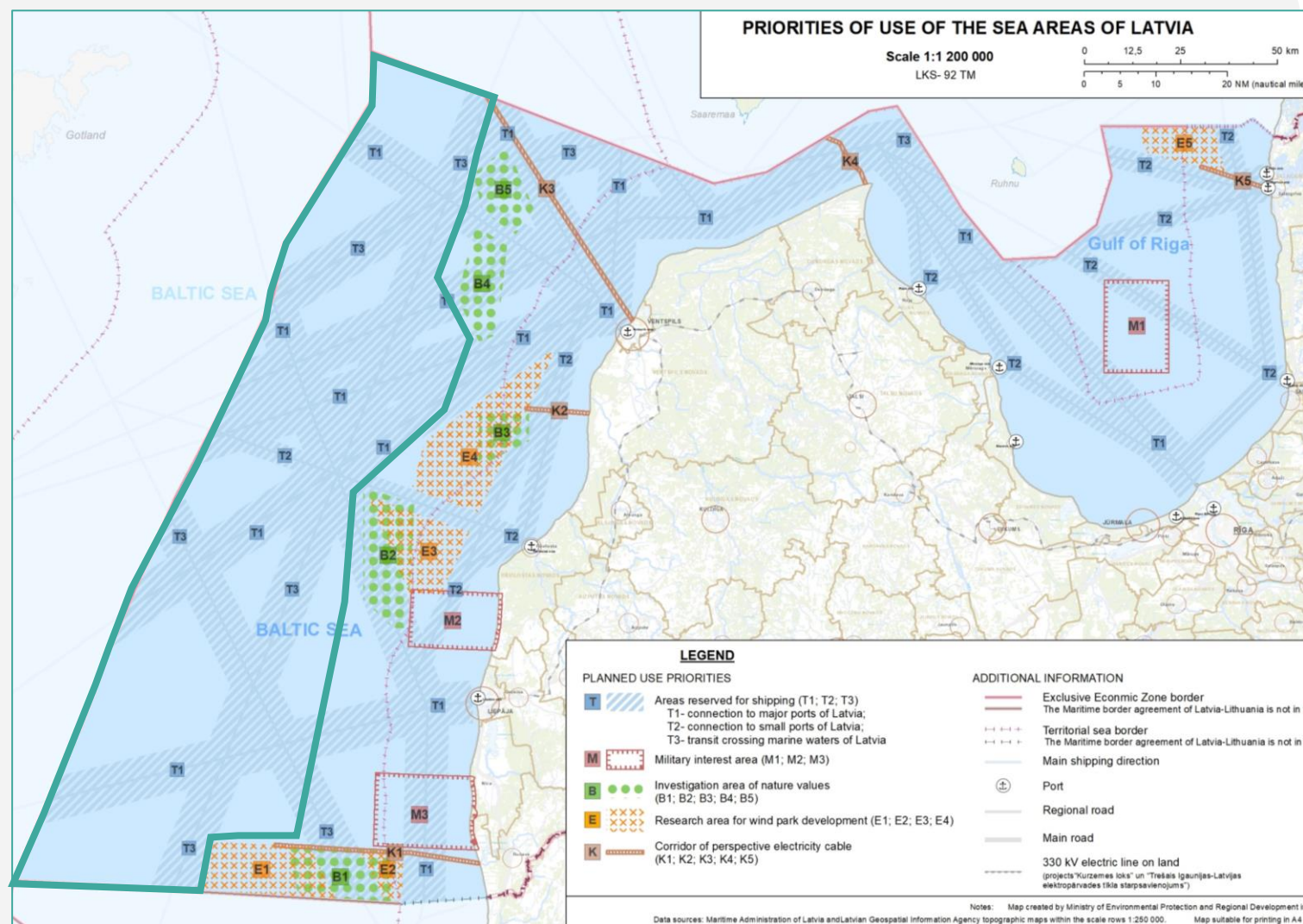
5 potential wind areas in Latvia, each can accommodate at least 800 MW.

Baltic sea: 377 000 km<sup>2</sup>

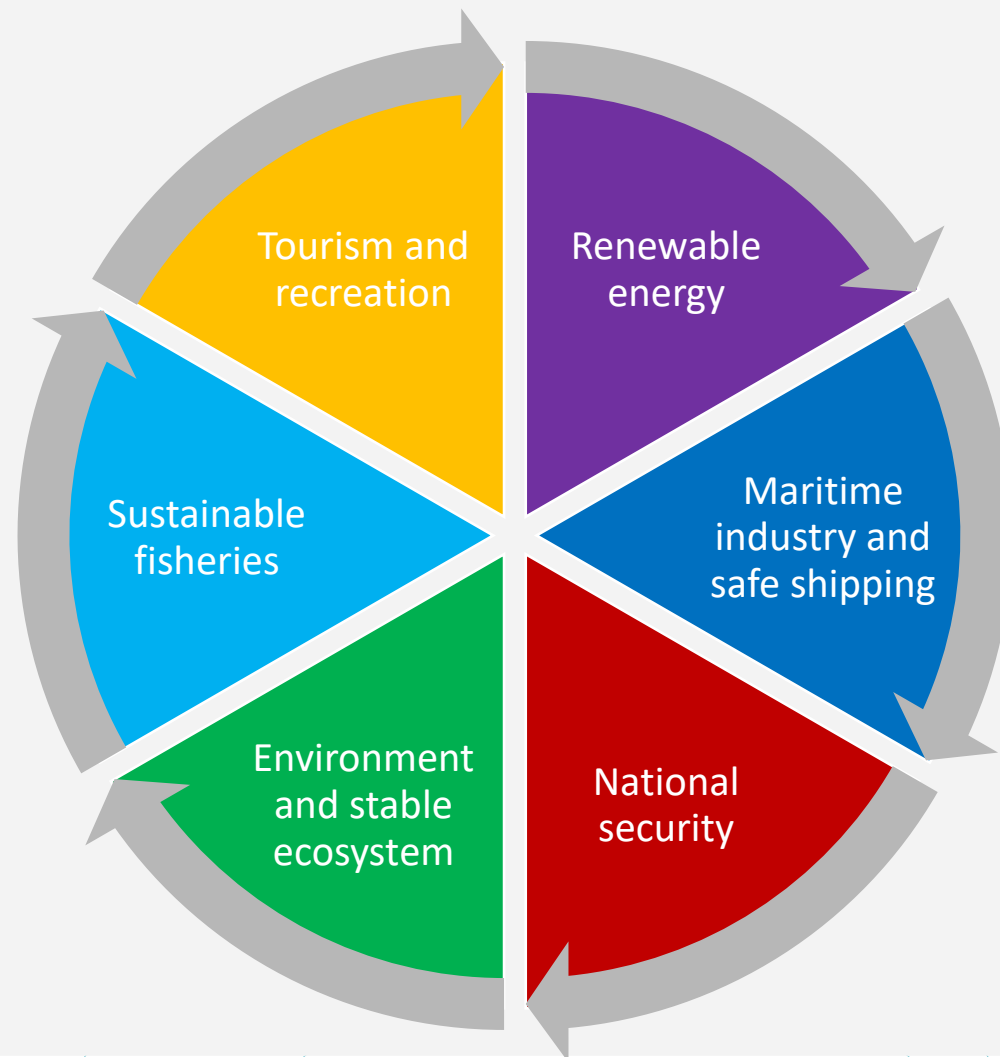
LV maritime area: **28 347,87 km<sup>2</sup>**, ~ 7,5%

Offshore areas: **1648,76 km<sup>2</sup>**, ~ 5,8%

**5 MW/km<sup>2</sup> ---> 8243 MW**



# Balanced and integrated maritime space





## Our focus: ELWIND

A joint Estonian-Latvian cross-border offshore wind farm project

Potential to harvest over 7 terawatt-hours worth of clean wind energy for the Baltic region every year, while ensuring minimal environmental impact





- 📍 Sõrve, Estonia
- 📍 Kurzeme, Latvia
- 🏗️ 2029
- 🕒 Operational by 2035
- ✈️ 70 – 140
- ⚡ 1 - 2 GW

- Onshore substation
- 🌊 Estonian ELWIND area
- 🌊 Latvian ELWIND area
- ▬▬▬ Indicative hybrid interconnector corridors



## Why this way?

Providing regulatory and business predictability to market participants, by taking care of the permits and **conducting technical and EIA studies**.

Meaning Estonia and Latvia predeveloping two offshore areas and auctioning these out with **certainty of grid connection**.

This will **mitigate the risks** and insecurities of the development for the interested parties.



# ELWIND area

- The Cabinet of Ministers determined the ELWIND area of 200 km<sup>2</sup> on 18 February 2025.
- Taking into account the results of LIFE REEF, the ELWIND area has been **moved more than 7 kilometers** further offshore to the west.
- This is also an additional benefit for the residents of local municipalities, as the visual impact is significantly reduced.

## Initial area



7 km  
→

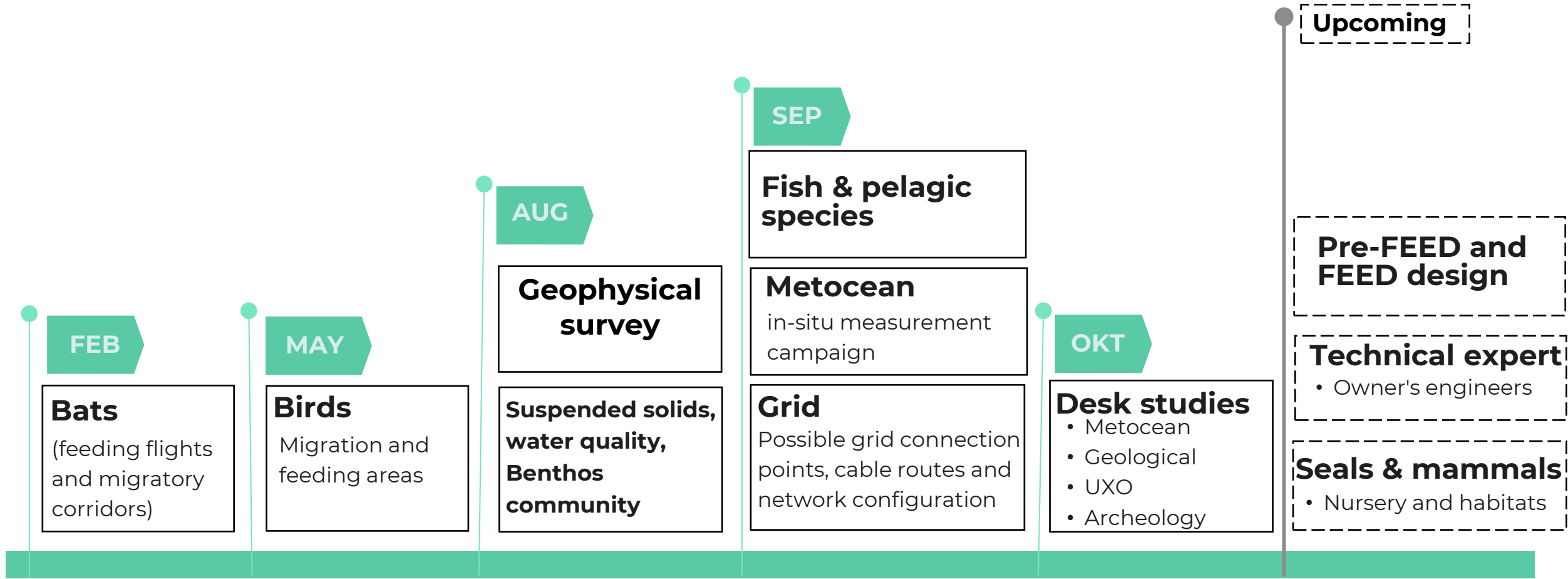
## Revised area



## Approved area



# Studies contracted



## Preparation

CEF/CB RES financing

### **EIA studies**

Technical and socio-economic studies

Auctioning principles and documentation

2022  
-  
2028

## Construction

Wind farm construction

Grid construction

2030

## Auctioning & Permitting

Technical requirements for connection

Technical design

Tendering

2029

## Park(s) operational

Commissioning

Testing

Operation

2035

01

## Security

Contributing into energy  
security and energy  
independence in the region

**Helping to lower and stabilize  
energy prices**

Phasing out fossil fuel-based  
energy production

02

## Investment

States become better partners  
to the whole sector

Development of a regional  
supply chain **~1 billion EUR**

**~500 jobs**

Design, Engineering,  
Construction

**Renaissance of Ports**

03

## R & D

**50 startups** (energy  
accelerators)

Testbeds

Knowledge & education

**Power to X**

Sea biodiversity increase

# Latvia

## Hub for Baltic offshore wind

 **7 billion**  
EUR Projects in renewable industry

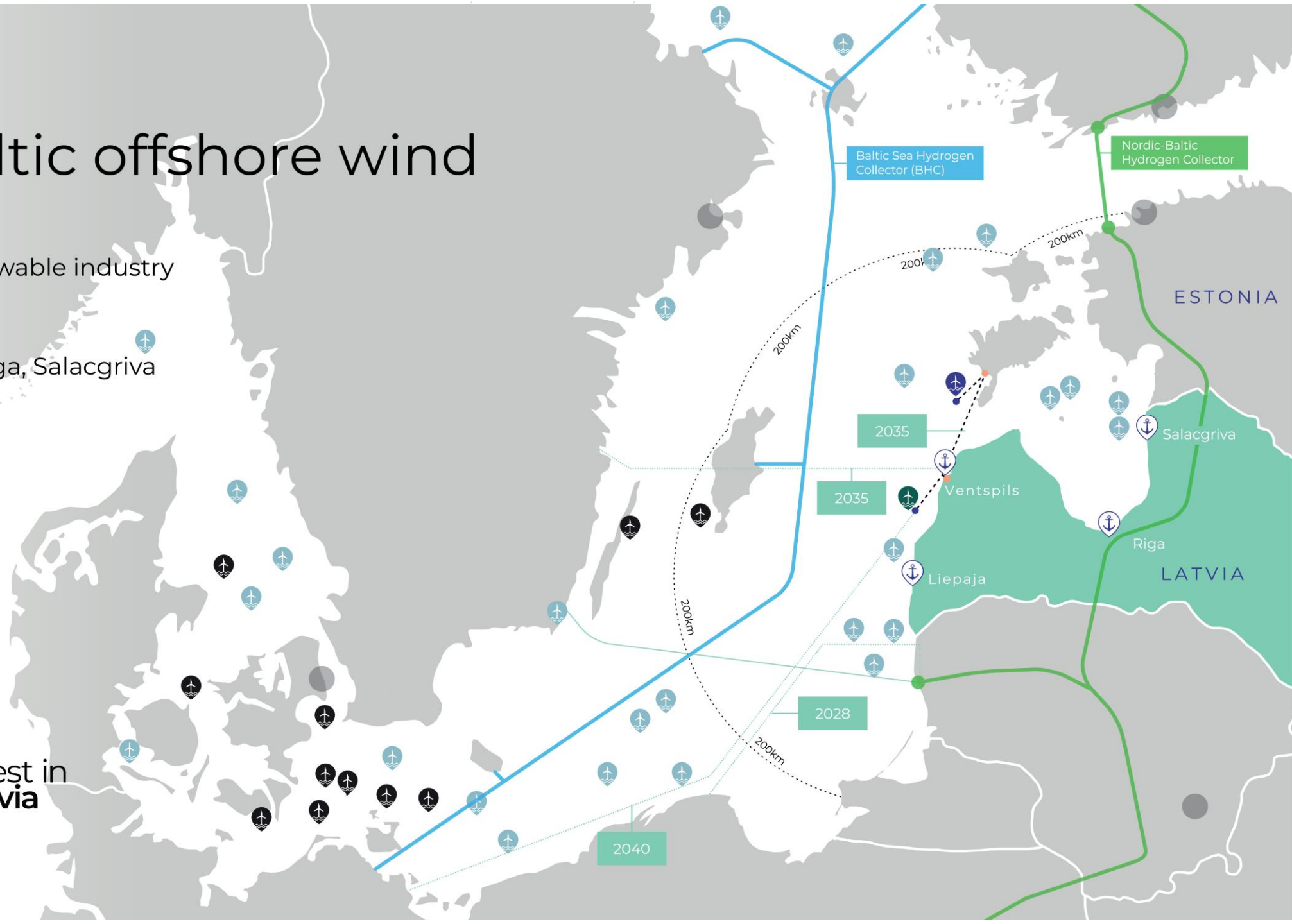
 **Ports**  
Liepāja, Ventspils, Riga, Salacgriva



[investlatvia.org](https://investlatvia.org)



invest in  
**Latvia**



# SUSTAINABLE ENERGY HUB IN LIEPAJA



**CIS Liepāja**  
**Hydrogen and Green Ammonia Production:**  
 Total area - **36 ha**  
 Planned investment **1 billion EUR**  
 Operational by **2029**  
 Production volume - **140 000 tonnes of hydrogen annually**

**Carbon Capture and Storage**  
 Planned investment **350 Million EUR**  
 CO2 capture capacity of **850 000 tonnes per year**  
 Operational by **2030**



**Norsaf**  
**Sustainable Aviation Fuel (SAF) Production**  
 Total area **16 ha**  
 Planned investment **500 Million EUR**  
 Operational by **2030**



**Liepāja**

**Liepāja Industrial Park**  
 Total area - **120 ha**  
 Planned investment - **425 million EUR**  
 Operational by **2033**



**Fokker Next Gen**  
**Aviation Innovation and Green Technology:**  
 Planned investment **2 billion EUR**  
 Operational by **2035**



**VanOord – Euroports – Smulders**  
**Offshore Wind and Heavy Lift Terminal Development**  
 Total area - **55 ha**  
 Planned investment - **385 million EUR**  
 Operational by **2028**

LIEPAJA AIRPORT



**1.3 billion EUR** anticipated investment to build the production plant

Planned capacity:

- 67 000 t/y of Hydrogen
- 550 000 t/y of Ammonia

GREEN AMMONIA PRODUCTION  
PROJECT IN VENTSPILS

**Project status:**

- EIA started
- On-going feasibility study.
- MoU for sale of green ammonia signed in 2024 with German trading house.



# Port of Riga

- Infrastructure development is planned to be **completed by 2028**
- Preferred business sectors: **Wind energy technology component manufacturing**
- Available land for investment projects: **110 ha**
- Special economic zone: **Riga Free port**

ADVENTUM TECH

electrifyH2



EAST METAL

upb



NACO



CONSOLIS  
LATVIJA



Research

Design

Construction

Maintenance

Decommissioning

Raw materials

Technologies

Workforce

Infrastructure

# They have chosen Latvia

