

NEW TERMINAL FOR OFFSHORE WIND ENERGY IN THE BALTICS

VENTSPILS

ENERGY HUB – OFFSHORE & ONSHORE WIND – SOLAR PARKS – HYDROGEN & E-FUELS



www.portofventspils.lv
marketing@portofventspils.lv



ENERGY PORT CONCEPT ON THE MOVE

The identity of Ventspils port is evolving towards energy port, a hub for fossil and renewable energy resources, as well as food and feedstock as energy for life. This shift goes in line with European Green Deal initiative. The proximity to offshore development sites as well as access to extensive hinterland areas suitable for production of renewable energy, combined with port areas for P2X allows to create the future hydrogen economy cluster in the port.



OFFSHORE WIND HUB AND HYDROGEN ECONOMY CLUSTER

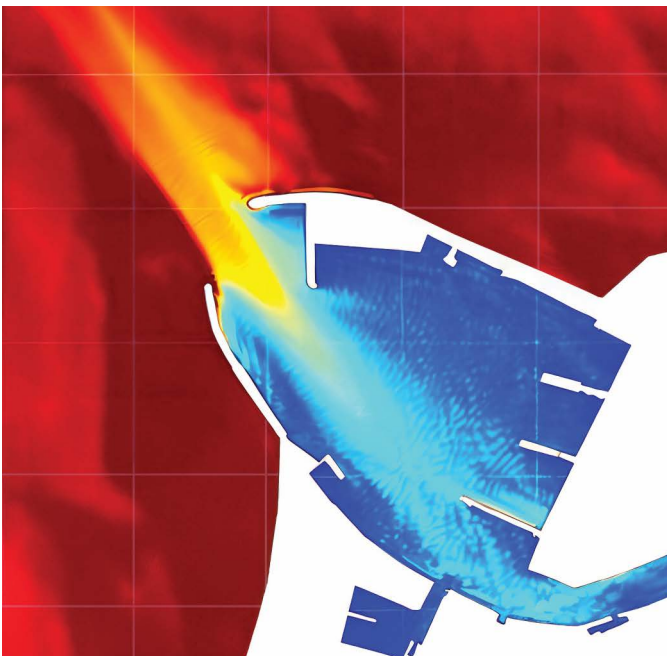
There are more than a dozen announced offshore development sites within a distance of 200 km from the port. The deep-water port enjoys the advantages of being ice-free, thus providing uninterrupted service to our clients. The port has created opportunities for development:

- ✈ **Manufacturing base** for wind turbine oversized structures and components - at the potential new offshore port development site or existing quays of the port.
- ✈ **Installation port** for offshore wind industry - at the new terminal site.
- ✈ Several **operations and maintenance** port and wind farm **control centre** areas are available as options for servicing the closest offshore windfarms.
- ✈ Sites for **Power-to-X** projects of more than 200 ha have been designated and prepared for development in the port industrial area.
- ✈ The existing port terminals can be adapted or are already capable of **storage and handling renewable fuels**. The only ammonia terminal in the Baltics is located in Ventspils port.

NEW TERMINAL FOR OFFSHORE WIND ENERGY

The new offshore industry service port concept has been elaborated by the international port engineering and consultancy firm Witteveen+Bos. The development project foresees expansion in the inner basin of the port at existing berths No.34 and No.35 with reclamation of the area along the Northern breakwater:

- ✈ Terminal area: 40-50 ha
- ✈ Bearing capacity: 10 – 50 t/m²
- ✈ Draft: 15.5 m
- ✈ Quayside length: 600 m
- ✈ Manufacturing area: ~100 ha
- ✈ Estimated construction time span: 3 years
- ✈ Estimated investments: 130 – 190 mEUR
- ✈ Option for large investment project state support programme



In addition to general layout planning a wave impact modelling was performed and it affirmed the location to be very well protected from rough seas.

Witteveen + Bos



Baltic Sea



QUAY WALL
TOP ELEVATION: +2.5m C.D.
BOTTOM ELEVATION: -30.0m C.D.

1 JSC Baltic Coal Terminal
Business area: Transshipment of coal
Tel.: +371 63634000
E-mail: info@balticcoal.com
www.balticcoal.com

2 Reefer Cargo Terminal, Ltd.
Business area: Cold storage and freezer warehouse
Tel.: +370 52394090
E-mail: info@girteka.eu
www.girteka.eu

3 JSC Stena Line Ports Ventspils
Business area: Transshipment of general, dry bulk, containerized and Ro-Ro cargoes, including heavy and oversized cargoes
Tel.: +371 63607300
E-mail: office.ventspils@stenaline.com
www.stenaline.lv

4 JSC Ventspils Grain Terminal
Business area: Transshipment of grain and other agricultural produce
Tel.: +371 63668800
E-mail: vgt@vgt.lv
www.vgt.lv

5 Ventplac, Ltd.
Business area: Transshipment of round timber, woodchip, and other bulk cargoes
Tel.: +371 63622388
E-mail: ventplac@ventplac.lv
www.ventplac.lv

6 Eurohome Latvija, Ltd.
Business area: Transshipment of general and dry bulk cargoes
Tel.: +371 29209724
E-mail: info@lgt.lv

7 Vitol Terminal Latvia, Ltd.
Business area: Transshipment of oil and petroleum products
Tel.: +371 63664090
E-mail: terminals@vnt.vtti.com
www.vtti.com

8 JSC Ventbunkers
Business area: Transshipment of oil products (fuel oil and diesel fuel)
Tel.: +371 63602501
E-mail: ventbunkers@ventbunkers.lv
www.ventbunkers.lv

9 Ventamonjaks, Ltd.
Business area: Transshipment of liquid ammonia
Tel.: +371 63660902
E-mail: office@ventamonjaks.lv
www.ventamonjaks.lv

10 Ventall Termināls, Ltd.
Business area: Transshipment of oil products
Tel.: +371 63660703
E-mail: office@vent-all.lv
www.ventallterminals.lv

11 VK Terminal Services, Ltd.
Business area: Transshipment of biodiesel, rapeseed oil and base oil
Tel.: +371 63663195
E-mail: office@vktservices.lv
www.vkterminalservices.lv

12 Vars, Ltd.
Business area: Transshipment of liquid chemicals (acrylic nitrile)
Tel.: +371 63663003
E-mail: office@vars.lv

13 Baltic Juice Terminal – OVERSEAS Estates, Ltd.
Business area: Transshipment of liquid food products
Tel.: +371 63634577
E-mail: info@bjt.lv
www.bjt.lv

14 JSC Kālija parks
Business area: Transshipment of mineral fertilizers and grain
Tel.: +371 63607232
E-mail: kalijaparks@kalijaparks.lv

15 Ventspils Commercial Port – JSC Ventspils tirdzniecības osta
Business area: Transshipment and storage of bulk and general cargoes from land and sea transport
Tel.: +371 63668706
E-mail: vcp@vto.lv
www.vto.lv

16 Terminal for offshore wind energy

Atlantic Ocean

Norwegian Sea

North Sea

Celtic Sea

Baltic Sea

Mediterranean Sea

Ventspils



Ireland

United Kingdom

Netherlands

Belgium

France

Switzerland

Germany

Poland

Czechia

Slovakia

Austria

Hungary

Slovenia

Croatia

Bosnia and Herzegovina

Montenegro

Serbia

Romania

Bulgaria

Portugal

Spain

Italy

North Macedonia

Albania

Greece

Turkey

Malta

Tunisia

Morocco

Algeria

Libya

Egypt

Mauritania

Mali

Niger

Chad

Sudan