

# Rapsoil SIA

## FACTSHEET

### Executive Summary

**Ready-to-build** high yield wind park near Liepaja, Latvia

Rapsoil SIA holds all required permits and approvals to start construction phase in shortest possible terms. Construction tech designs are completed yet ready to adjustments to cover specific technology needs as new owner will have freedom of choice towards technology suppliers.

#### Key facts:

- Project has approved building permits for **15 turbines and substation**.
- Total allowed wind park installed power: **72 MW**.
- Capacity factor - **35%** is reached by unique location and efficient turbine formation.
- Average annual wind speed at hub height is **7.3 m/s**.
- Wind statistics are collected from active turbine located nearby since **2002**.
- Building permits valid until **March 2024**.

### Economic overview

#### Economic data

Production forecast according GE and Enercon yield estimates:

**up to 200.000 MWh per year**

NE (North Europe) energy market price dynamic forecast up to 2058 indicates stable market price increase.

Location close to industrial area provides with alternative revenue opportunities, both with industrial consumers and Rapsoil internal development projects.

Several turbines will be located as close as 700m from the sea and are considered to be as productive as off-shore wind park, but with considerably lower investment.

#### Project development

The project development is planned with equipment manufacturer delivering foundation works and equipment turn-key construction and civil construction company takes care of all civil and electrical connection works including connection to substation.

Project includes construction of a 110 kV substation on the territory of the wind park with the 110kV cable line connection of 2 km to the existing substation.

Indicative offers from several technology providers are received and available.

### Project status

#### Permits and approvals

Permission to install wind park	2009	Ministry of Economics
Architecture and planning requirements	2009	Municipality of Liepaja
Permission to install wind park in dunes	2009	Cabinet of Ministers
Environmental impact assessment	2011	Ministry of Environment
City detail planning (including permission from all required authorities)	2012	Municipality of Liepaja
Technical project	2014	Project developer
Land lease agreement 30 years	2019	Municipality of Liepaja
Building permit until March 2024	2019	Municipality of Liepaja

