MISSION Latvia

Invest in Latvia:
Green energy

LATVIA:
An Innovation Hub Driving the Transition to Green Energy

3rd

Among EU countries with the highest renewable energy use and one of the seven that achieved the EU’s target

42.1%

Of Latvia's energy consumption is sourced from renewable energy, primarily through strong hydroelectric power, making it the second highest rate in Europe

50%

Of Latvia's final energy consumption is targeted to come from renewable energy by 2030

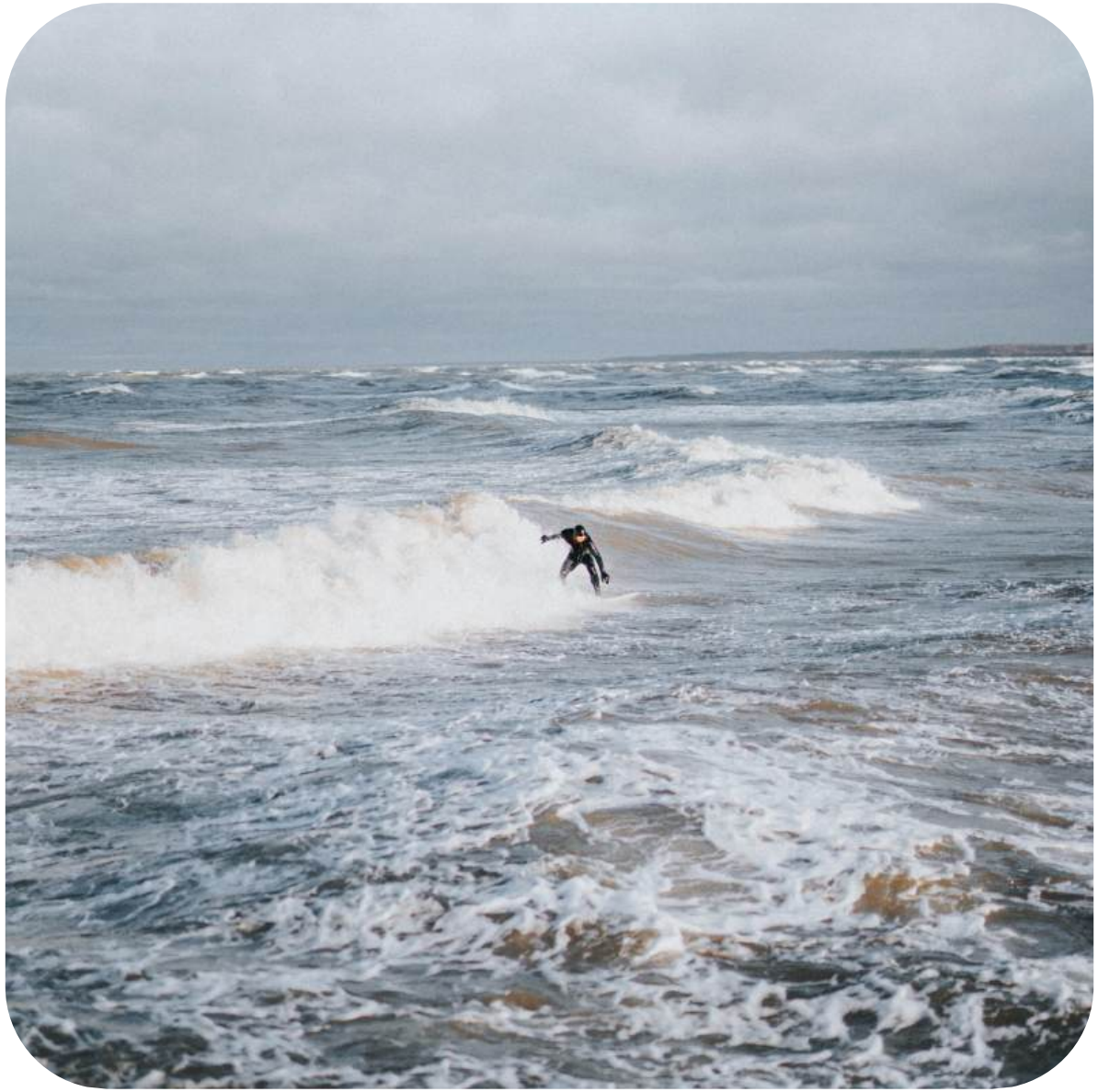
Latvia boasts vast untapped potential for renewable energy development

This abundance of natural resources presents a golden opportunity for Latvia to become a regional leader in the transition to a sustainable energy future

- 36% or 397km of borders are along the Baltic Sea coast
- Over 50% of land is covered in forests

Underutilised resources of the Baltic sea

- The Baltic Sea on Latvia's coast has a potential to generate up to LV 15.5GW
- Total untapped potential of the Baltic Sea is estimated to be around 90GW
- The shallow depths of the Baltic Sea make it a cost-effective location for offshore wind park development



Latvia's renewable energy market is ripe with opportunities:

- Energy efficiency solutions to reduce energy consumption
- Wind and solar energy as alternatives to traditional fossil fuels such as coal, oil, and gas
- Biomass power of converting organic materials into electricity or heat
- Combined heat and power plants

Exciting innovations are already underway, paving the way for a more sustainable future

Aerones:

World-leading robot-enabled wind turbine maintenance and inspections service provider. Serving customers representing over 50% of the world's wind power capacity

Etgas:

Leading company that specializes in engineering, constructing, and operating biomass generation plants, and offers sustainable solutions to create a cleaner energy future

Exciting innovations are already underway, paving the way for a more sustainable future

Hygen:

Hygen provides decentralized refueling solutions for bio-CNG-powered vehicles, offering a sustainable and eco-friendly alternative to traditional fuel sources

LightHouse:

With a focus on reducing costs and environmental impact, LightHouse offers lighting-as-a-service solutions that introduce LED lighting for businesses and commercial spaces

Exciting innovations are already underway, paving the way for a more sustainable future

Digas:

Digas offers a dual-fuel system replacing diesel fuel in locomotives with a more cost-effective and environmentally friendly

Jauda:

With over 50 years of experience, Jauda is a leading producer of electrical materials and equipment. Products include compact substations, low and medium voltage equipment, metal constructions, and metalware

Exciting innovations are already underway, paving the way for a more sustainable future

Fortes Energy:

Technology company developing wood gasification technology. Providing sustainable renewable energy from forest residues by producing wood-gas that is transformed into electricity and heat

EMT:

Production of energy-efficient electric motors, starters, frequency converters, and other solutions essential for a sustainable future in wind energy generation and transmission

Our focus: ELWIND

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

Potential to harvest over 3 terawatt-hours worth of clean wind energy for the Baltic region every year, while ensuring minimal environmental impact

Sorve, Estonia
Courland, Latvia
2026
Operational from 2030
40 - 100
1000MW

ESTONIA

LATVIA

Planned land substations
Planned offshore substations
Estonian ELWIND wind park location
Latvian ELWIND wind park location
Indicative hybrid interconnection alternative corridors

ELWIND

ELWIND
The potential:

The joint Estonian-Latvian state-run ELWIND project, located in an optimal spot in the Baltic Sea, has a capacity of 3 terawatt-hours per year, meeting over one-fifth of the Baltic region's annual electricity demand

With an ongoing feasibility study assessing the best location and costs, the project demonstrates its potential to significantly impact the regional energy market

ELWIND
The potential:

ELWIND focuses on clean wind energy through offshore wind development, reducing greenhouse gas emissions and land usage. The project also offers a unique opportunity to enhance Baltic Sea biodiversity by installing artificial reefs or mussel farms

This commitment to environmental sustainability makes ELWIND essential to the Baltic region's green transition

ELWIND
The potential:

The ELWIND project supports regional competitiveness, energy independence, and sectoral development while offering new opportunities in business, learning, research, and employment

Latvia's energy infrastructure, including the NordBalt submarine power cable, positions the region as a green energy leader. Investing in ELWIND supports a cutting-edge initiative for energy security and a cleaner future

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Green Channel

Accelerated services for sustainable investments in Latvia

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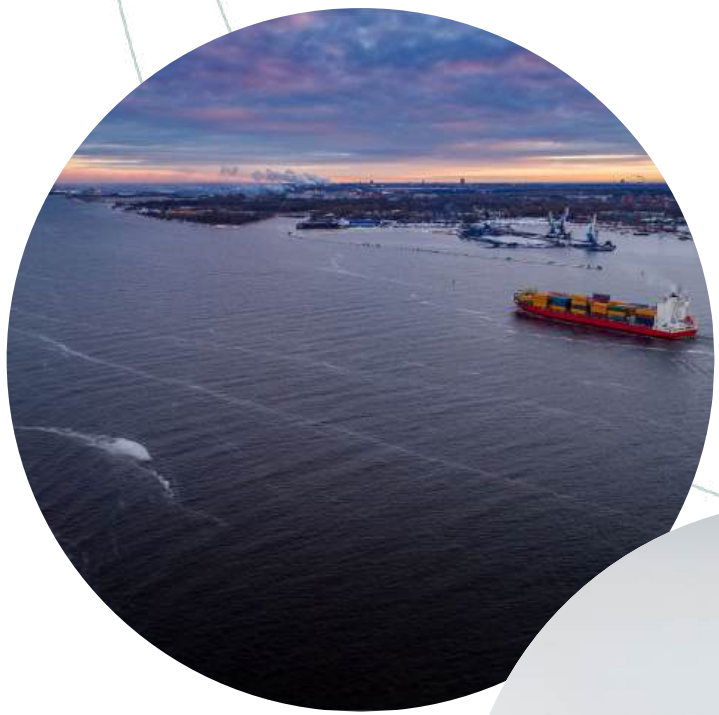
Green Channel



The "Green Channel" initiative in Latvia offers a streamlined administrative process for investment projects in priority sectors, reducing bureaucratic hurdles and saving time and costs for businesses

By applying for and obtaining priority investment project status, businesses can receive state administrative services for construction, territorial planning, and migration in a prioritized (accelerated) manner, making it easier and more attractive to invest in Latvia

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Green Channel

Smart energy projects enjoy exceptionally advantageous criteria to access the green channel:

Investment projects require a minimum of €5,000,000 within three years, or €10,000,000 if located in Riga's administrative territory

The planned amount of investment in research and development, including employee competence development, in a three-year period after the implementation of the investment project is at least 250,000 euros

Baltic Electricity Grid Synchronization by 2025

AST & EU Funding:

Latvia's AST manages grid infrastructure and has secured EUR 170 million from the EU for the Baltic Synchronization project

Goals & Timeline:

Aiming to synchronize Baltic power systems with CESA by 2025, the project focuses on grid reinforcement, frequency regulation, and IT control upgrades. AST is part of the "Baltic Offshore Grid Initiative"

Thank you!

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Join us today to support the advancement of sustainable energy in the Baltic region