



**SolarTech Power Solutions**

# **Latvian outdoor power processing**



## Overview

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Who is responsible for the energy transition in Latvia?

Local authorities are responsible for municipal energy supply and renewable energy projects, with Latvia's energy transition guided by the National Energy and Climate Plan and the Energy Strategy 2050.

Why should Latvia invest in offshore wind?

By harnessing the power of offshore wind, Latvia strengthens its energy security, supports its economy and promotes sustainable practices. Latvia continues to expand its renewable infrastructure, paving the way for economic resilience, environmental responsibility and regional leadership in the green energy transition.

What can Latvia do with low energy costs?

With lower energy costs, Latvia could see growth in manufacturing, engineering and logistics industries, stimulating economic expansion. The availability of affordable energy can also make Latvia more competitive, drawing investors and fostering industrial innovation . Pioneering green growth.

What is the EU's energy policy for Latvia?

The current EU policy dictates that Latvia must increase the share of renewable energy in its final energy consumption and Latvia has plans to reach 50 percent by 2030 according to the EU's National Energy and Climate Action Plan 2030. Much of Latvia's heat and electricity still comes from imported natural gas.

What is the main source of renewable electricity in Latvia?

Hydroelectric power is the main source of renewable electricity in Latvia, followed by solar, wind and biomass cogeneration plants. In 2024, solar power in Latvia grew over 3.1 times to 6.7% of total electricity, becoming the third-

largest source, while wind reached a record 38 GWh and hydropower, despite a 16% drop, still provided 54%.

Can Latvia harness offshore wind?

Located along the Baltic Sea, Latvia has huge potential to harness offshore wind. Aiming to obtain 60% of its power from renewable resources by 2030 , Latvia is making substantial progress toward a sustainable and resilient energy future. Here's how offshore wind is shaping this vision. The ELWIND project: A cross-border renewable initiative

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