

## Lithuania

State Enterprise Centre of Registers

### Supporting green energy transition in Lithuania with insights on solar potential

*“More than a decade ago, the Centre of Registers created a map of the geoinformation environment (REGIA) for municipalities to facilitate their daily functions. Today, we are developing this map as a national platform for open data and public services of the Centre of Registers. From this year, the REGIA map will offer a possibility to learn about the output of the solar power plant installed on the roof of a particular building. This data may become the first step in assessing our ability to start producing electricity from renewable energy sources.”*

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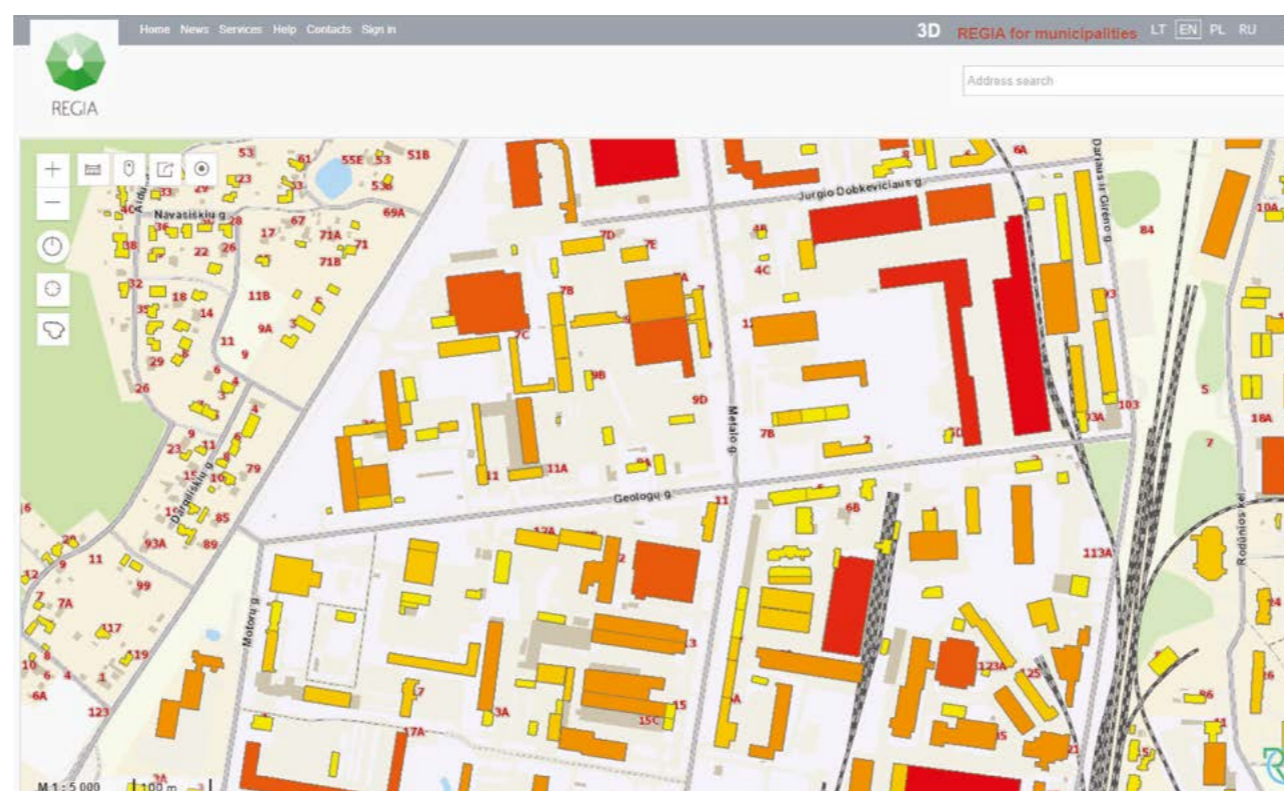
**State Enterprise Centre of Registers is providing data to support green energy transition in Lithuania by enabling people to decide whether to invest in solar panels.**

Increased investment in renewable energy, and in particular solar power, means people want to know the annual potential of installing rooftop panels. Such decisions are now easier after completion of a new layer of data on the national geoinformation environment map, REGIA.

The Centre of Registers, in cooperation with various state institutions and companies, displays a wide range of data on REGIA. This includes engineering infrastructure and transport objects, cultural and natural heritage objects, territories with special land use conditions, and renewable energy sources.

Based on publicly available data, the new layer enables users to assess the potential of solar energy for the roofs of buildings. By combining this data with the data in the Real Property Register, which is managed by the Centre of Registers, the indicative annual solar energy potential for the roofs of buildings is calculated and displayed.

People and businesses across Lithuania are increasingly investing in renewable energy sources, not only to contribute to sustainable development but also to save money.



**Annual solar energy potential for building roofs:**



## Benefits

- Residents and businesses can assess their annual electricity consumption and compare the results with the potential solar energy output.
- Provides possibility of finding out the roof area suitable for solar power panels and the quantity of solar panels needed to produce energy.
- Allows users to evaluate the factors that affect construction of solar power panels, for example protected buildings.
- Enables residents and businesses with suitable buildings to contact solar panel service providers.