

What is the current energy use and state of renewables in Slovenia?

Current energy use and state of renewables in Slovenia. 2050 scenario based forecast of energy use for industry, transport and other use. Slovenian characteristics and possibilities for the growth of renewables. Largest Slovenian potential has solar power, wood and water is over 90 % exploit. 1. Introduction

What are Slovenian characteristics and possibilities for the growth of renewables?

Slovenian characteristics and possibilities for the growth of renewables. Largest Slovenian potential has solar power, wood and water is over 90 % exploit. 1. Introduction One of the main goals of energy policy in the European Union (EU) is to gradually increase the use of renewable energy sources (RES) and also to improve energy efficiency.

What are the RES of primary energy in Slovenia?

RES of primary energy in Slovenia are water flows, wood, other biomass energy and solar radiation. Direct use of wood biomass is fairly limited to the use in boilers and to the direct combustion.

Why is the share of transport increasing in Slovenia?

In Slovenia the share of transport raised from 27 % in 1992 to almost 42 % in 2019. This huge increase is also a consequence of large increase of international cargo transit over Slovenia and after 2008 a lot of bankruptcy occurs in the industry sector. Fig. 2.

What is the potential of biomass in Slovenia?

Actual potential of biomass in Slovenia is largely due to intense Slovenian forestation (which is over 60 %) but in energy sense still relatively low to cover just a bit more than 10% of total energy consumption.

How much RES does Slovenia have?

Slovenia committed in 2009 to achieve at least a 25 % share of RES in the final energy balance by 2020; a 39.3 % share in electricity generation, 30.8% in the heating and cooling sector and 10.5 % in the transport sector ( Slovenian Ministry of Infrastructure, 2017 ). In 2020 the target value for RES was not reached.

Suffolk Council with expertise in energy storage and renewable energy in the UK & Sweden. Boris Sucic Senior Expert and Project Manager - Jozef Stefan Institute Boris is a senior energy expert, and professor guiding the energy transition in Slovenia and supporting the development and implementation of innovative systems Paddy Phelan

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# Slovenia energy storage industry trend pictures

HSE, or Holding Slovenske Elektrarne, aims to have 175MW of flexibility resources online by 2030 before nearly quadrupling that number by 2035. The 800MW will be made up of 590MW of pumped hydro energy storage (PHES), 150MW of battery energy storage systems (BESS), 50MW of electrolysis and 10MW of active consumption (AO).

Recurrent Energy, the renewable energy developer arm of solar manufacturer Canadian Solar, has reached financial close on a 171MW solar-plus-storage project in ...

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June 15, 2023: The European Commission said on June 9 it had approved a EUR150 million (\$163 million) state-aid scheme to develop battery storage and renewables in Slovenia. This follows a spate of recent approvals for EU ...

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