

## European Solar and Energy Storage Solutions

# Hungary green energy agency



## Overview

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Does Hungary have a commitment to renewables?

Attila Steiner, Hungary's State Secretary for Energy and Climate Policy, said: "Hungary has a strong commitment to renewables. As the next step, the government's priority is to upgrade the national grid to be capable of integrating the rapidly growing electric capacity generated by weather-dependent energy sources."

What does the IEA report say about Hungarian Energy Policy?

The IEA report recommends that the Hungarian government adopt additional targets and policies to lower fossil fuel consumption, increase energy efficiency and promote investment in clean energy technologies, skills and jobs.

What is the green bond framework of Hungary?

n b . IV.Green Bond FrameworkThe Green Bond Framework of Hungary is in line with the voluntary guidelines of the Green Bond Principles (2018 edition) published by the International Capital Markets Association ("ICMA") and intends to align with the most recent market practices, in particular the proposed EU Green.

Does Hungary support the green bond market?

roviding impact reporting. Hungary has already demonstrated early support to the Green Bond market through the initiative of its central Bank – Magyar Nemzeti Bank –, which became in June 2019 the first Central Bank worldwide to announce the set-up of a dedicated Green Bo.

What percentage of energy consumption is renewable in Hungary?

The national authors of Hungary forecast is 14.7% renewables in gross energy consumption by 2020, exceeding their 13% binding target by 1.7 percentage points. Hungary is the EU country with the smallest forecast penetration of

renewables of the electricity demand in 2020, namely only 11% (including biomass 6% and wind power 3%).

Can Hungary achieve more energy security and independence?

Hungary's transition to clean energy can enable it to achieve greater energy security and independence as it navigates the supply challenges that Russia's invasion of Ukraine has created for countries across Europe, according to a new in-depth policy review by the International Energy Agency.

## Hungary green energy agency

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### Romania, Azerbaijan, Georgia and Hungary sign memoranda on the green ...

Romania, Azerbaijan, Georgia and Hungary have signed in Bucharest a memorandum for the implementation of a green corridor of energy from the Caspian Sea to the Black Sea. The document was signed during the fourth meeting between the governments of the four countries in the context of the strategic partnership in the field of green energy and ...

### Hungary

European Environment Agency website. WISE marine - Marine information system for Europe. Energy support measures and their impact on innovation in the renewable energy sector in Europe; Hungary - country profile. Hungary - country profile. File. Share. Hungary\_FINAL.pdf. About us. FAQs Careers.



### THE ROLE OF GREEN BONDS IN THE ENERGY

GREEN FINANCE IN HUNGARY Key stakeholders Initiatives Achievements The Hungarian Government Debt Management Agency (AKK) The Hungarian Central Bank (NBH) Hungary has adopted a green financing framework in May 2020, which includes 6 green expenditure categories:-Renewable Energy-Energy Efficiency-Land Use and Living Natural ...

## Hungary

Hungary plans to increase the share of renewable energy sources to at least 21 % within gross final energy consumption. The major drivers toward the 2050 target include renewable and nuclear electricity, as well as electrification of end-use sectors.



## ASSESSMENT OF HUNGARY'S TRANSITION TO ...

The Green Tax in Hungary includes the introduction of the Extended Producer Responsibility or EPR System, which has defined the scope of products subject to Green tax (VGD Hungary, 2023b). Energy Agency, 2022). Hungary is also proposing a 20% share of energy from renewable sources in gross final energy consumption (European Commission, 2018

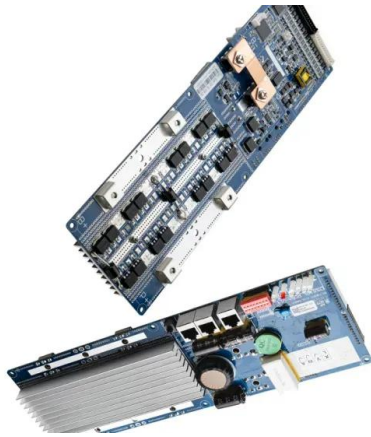
## Green Bond Framework Hungary

Hungary Green Bond Framework 3 The National Energy Strategy 20302 with an outlook to 2040 to reduce the importation of fossil energy. Its primary objective is to strengthen Hungary's energy independency. 14 Hungarian Energy and Public Utility Regulatory Authority: Share of Renewable Sources in Gross Final Energy Consumption, 2005-2021



## Agenda

The role of hydrogen in Hungary's clean energy transition. Attila Steiner, Green Energy Park's Commitment to Energy Transition, Innovation, and Global Collaboration CEO, HUMDA



(Hungarian Mobility Development Agency) 14.25  
- 15.15 Panel Discussion Deployment of  
hydrogen in mobility: paving the way for a  
decarbonized transport sector

## Hungary's clean energy transition is the key to reach energy

Hungary's transition to clean energy can enable it to achieve greater energy security and independence as it navigates the supply challenges that Russia's invasion of Ukraine has created for countries across Europe, according to a new in-depth policy review by the International Energy Agency. Hungary has a strong starting point for its



## Hungary GHG and energy country profile

While the European Union has made considerable progress in improving energy efficiency and using renewable energy sources, a well-planned transition out of carbon-intensive power generation is needed to meet the long-term aim of creating a low-carbon society.

## Romania, Hungary, Azerbaijan and Georgia Set Up Joint Venture ...

Romania, Hungary, Azerbaijan and Georgia will set up a joint venture to export green energy to

the European market, which will be headquartered in Bucharest. Representatives of the four countries on Tuesday signed the founding documents in the Romanian capital.



## Hungary Green Bond Framework

Building on the Hungarian Energy and Climate Plan and the National Clean Development Strategy (2050), the Hungarian government is implementing wide and overreaching climate, energy and environmental policies to transition the country to a low-carbon and

## Hungary 2022 - Analysis

To decarbonise hard-to-abate sectors in the medium term, Hungary is shifting gear and is boosting its ambitions in hydrogen use in transport and industry. In this report, the IEA provides energy policy recommendations to help Hungary effectively manage the transformation of its energy sector in line with its goals.



## Beata Nehez

Decarbonisation , Green Mobility , ESG , Energy Efficiency · With over 25 years of work experience in various sectors, I am a passionate and visionary leader in green mobility, sustainability and energy efficient project development. I have a strong background in sales, business development, and project management, with a focus on delivering energy-efficient ...

## ASSESSMENT OF HUNGARY'S TRANSITION TO ...

assessment of Hungary's commitments to environmental sustainability, with a particular focus on the integration of environmental taxation and carbon pricing measures. Hungary is aiming to align its environmental policies with the European Green Deal. The analysis examines Hungary's ongoing transition

114KWh ESS



- LIQUID/AIR COOLING
- INTELLIGENT INTEGRATION
- PROTECTION IP54/IP55
- BATTERY /6000 CYCLES



## Renewable energy in Hungary

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## Second-Party Opinion Hungary Green Bond Framework

3. Energy Efficiency (incl. Green Buildings) 4. Renewable Energy 5. Pollution Prevention and Control 6. Sustainable Water and Wastewater Management 7. Climate Adaptation 8. Research, Innovation and Awareness Raising Hungary engaged Sustainalytics to review the Hungary Green Bond Framework and provide a Second-Party



## Hungary's 2020 Green Bond Allocation Report has been ...

The government acts on the Act XLIV of 2020 on



Climate Protection approved by the Parliament in June 2020 and implements wide and overreaching climate, energy and environmental policies to transition the country to a low-carbon and environment-friendly economy, aiming to achieve climate neutrality by 2050.

## Hungarian Energy and Climate Strategy

neutrality target. Hungary individually also strives to achieve climate neutrality by 2050, i.e. the balance between GHG emissions and sinks. Guiding principles:

- o Hungary plans to reduce GHG emission by 95% until 2050 from the 1990 level
- o The remaining 5% will be compensated by the increase of sink capacities, primarily by afforestation



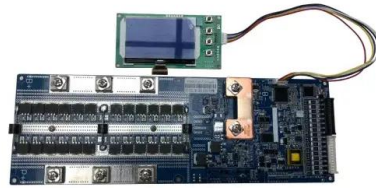
## Hungary's clean energy transition is the key to reach energy

The IEA report recommends that the Hungarian government adopt additional targets and policies to lower fossil fuel consumption, increase energy efficiency and promote investment in clean energy technologies, skills and jobs.

## Green infrastructure

Green infrastructure - Development concept for green spatial system of Budapest has been written, based on the mandate of the Local Government of Budapest Capital. It is a comprehensive, holistic attempt to summarise the duties related to green infrastructure, to

summarise progress over the past 10-15 years, as well as to set goals for



## Integrated Report on the Allocation and Environmental

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Integrated Green Bond Report of Hungary 2021 9 II. Overview of the Integrated Report The Green Bond Allocation and Impact Reports of 2020 were published in 2021 as separate documents and stressed the importance of the Green Bonds issued by Hungary, as well as their role in fighting climate change and biodiversity loss.

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