

Moldova hydrogen energy storage

The Ministry of Energy is considering opportunities to develop hydrogen projects. As the European Hydrogen Strategy indicates, this fuel is a possible replacement for natural gas in a post-2035 horizon.

Romania and Ukraine have ambitions to develop hydrogen production capacities that are reflected in national hydrogen plans, and the Republic of Moldova has included this compartment in the Energy Strategy 2050 and the National Energy and Climate Plan with a focus on its potential role as a transit country, said the state secretary in charge of decarbonization, Carolina Novac, at a conference dedicated to this topic organized by the Ukrainian Chamber of Commerce and Industry in Moldova.

At the conference titled "Green Hydrogen Energy in the Republic of Moldova: Industry Development Plan and Prospects for Strengthening Energy Security," held in Chisinau on September 18, 2023, crucial issues regarding the utilization of hydrogen as an energy source and its pivotal role in ensuring sustainable and secure energy were discussed.

The conference, organized by Global Assist LLC, the National Center for Hydrogen Energy Development (NCUM), and the Ukrainian Chamber of Commerce and Industry in Moldova, brought together influential experts, representatives from the public and private sectors, as well as government officials from various countries. Participants deliberated on various aspects of hydrogen energy and the importance of collaboration between Ukraine, Romania, and the Republic of Moldova in this field.

One of the key highlights was the discussion of international experience in hydrogen energy development and its application in the context of the Republic of Moldova. Participants also explored the possibilities of utilizing renewable energy sources in Moldova and the potential for repurposing existing energy infrastructure for hydrogen production.

Oleksandr Riepin, a member of the board of the Energy Association "Ukrainian Hydrogen Council," emphasized the significance of hydrogen energy for sustainable development and energy security. He also expressed hope that collaboration with Ukraine in this sphere would enhance the energy security of the region and contribute to the creation of a sustainable energy future.

At this event, attended by leading experts and industry representatives, as well as government officials from various countries, the importance of hydrogen as a key energy source for the future is highlighted. The discussion at the event focused on the concept of "Hydrogen Valleys" and their potential to create a sustainable and efficient energy sector.

The conference served as a vital platform for the exchange of expertise and ideas, as well as for forging partnerships and cooperation among different stakeholders. Participants believe that the development of

hydrogen energy will promote the establishment of a more resilient and secure energy future not only for the Republic of Moldova but also for the entire region.

The team from the "Ukrainian Hydrogen Council" made a significant contribution to the discussion and idea exchange at the conference, facilitating mutual understanding and cooperation between countries in this crucial field.

Moldova's Energy Minister, Victor Parlicov, says the new regulation will facilitate the authorization of renewable energy capacities, in particular those on the free market and without a support scheme, while also providing predictability for investors.

The country's Ministry of Energy, which drafted the regulation, says the move will make the process of obtaining the necessary documents required for construction and commissioning more efficient and transparent.

Under the new regulation, project evaluation will be carried out by the country's Authorization Commission, which will consider the technical credibility of the project, the technology's compliance with state energy policies, the credibility of the power plant's connection to the electricity grid and the eligibility of the land required.

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