

Cyprus energy storage for resilience

The REPowerEU chapter addresses the challenge of reducing reliance on fossil fuels. The objectives of the component are to strongly reduce Cyprus' dependence from imported fossil fuels in general. The new REPowerEU chapter contributes to the achievement of Cyprus's energy efficiency obligations and targets set for 2030, under the National Energy and Climate Plan. In order to limit its energy dependence, Cyprus shall further invest in energy efficiency improvements in buildings and road transport and accelerate the deployment of renewables.

The measures included in the REPowerEU chapter address most aspects of recent country-specific recommendations in the field of energy, as they shall foster research and innovation in the field of green transition and energy production, storage, transmission and distribution solutions, promote renewables and accelerate energy efficiency measures in various buildings in the public and private sector, enhance the regulatory framework for the operation of Energy Communities, and promote widespread use of Electric Vehicles.

The implementation of the measures are all expected to contribute to reducing dependency on fossil fuels. Increasing the share of renewable energy sources has a cross-border and multi-country dimension because it contributes to securing the energy supply in the Union as a whole.

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The <<Commercial Proof of Concept>> Programme aims to accelerate innovation in the energy production, storage, transmission and distribution verticals and address key challenges in grid integration, renewable energy utilization, and energy system resilience.

The primary objective is to support transitioning solutions from pilot deployments to commercial readiness. It helps intensify R& D efforts to scale up and optimize solutions already deployed in the field.

It aims to enhance the performance, reliability, efficiency, and cost-effectiveness of existing technologies, ensuring their viability for widespread adoption in primarily industrial and commercial applications.

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The Scheme aims to support, develop and upgrade the Large Businesses that are established or will be established in Cyprus, including their energy upgrade. The specific objectives of the Scheme are:

o The reinforcement of the degree of circularity of large enterprises and the transformation of the operating model of a large enterprise into a cyclical one.

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