

# Brussels policy on new energy and energy storage

What is Belgium's energy policy?

With the publication of the Belgian Federal, Flemish, and Walloon government agreements, Belgium's energy policy has taken shape, emphasising pragmatism, energy security, industrial competitiveness, and a clear return to nuclear power.

What is the energy storage project in Belgium?

The main energy storage project in Belgium is the construction and operation of an offshore "energy atoll" (essentially a manmade offshore pumped-storage facility), for which the Electricity Act has been modified in 2014 (see below), in order to support offshore wind-generated electricity production.

How will nuclear energy affect Belgium's future energy policy?

Contrary to previous policies, nuclear energy will play a crucial role in Belgium's future energy policy. The government has announced a program to revive Belgium's nuclear industry and repeal all provisions related to the nuclear phase-out and the ban on new capacity construction.

What is Belgium's energy strategy?

The government also aims to foster international collaboration on nuclear projects and participate in European initiatives for Small Modular Reactors (SMRs). Offshore wind energy: Offshore wind energy is highlighted as a key component of Belgium's energy strategy.

Does Belgium need a new energy industry?

Belgium clearly has a long way to go with its energy priorities. Most of the clean energy that we use is imported. We really need to build an industry fit for the future with the energy systems to supply it. Belgium will never be a leader in building batteries or solar panels; Chinese industry is far too powerful on this front.

How is Belgium preparing for a gas transition?

Belgium is also working with France, Germany and the Netherlands to ensure that security of gas supply is maintained as production from the Groningen gas field is phased out. Since the IEA's last energy policy review in 2016, Belgium has made progress on its energy transition.

Subscribe to Newsletter Energy-Storage.news meets the Long Duration Energy Storage Council Editor Andy Colthorpe speaks with Long Duration Energy Storage Council director of markets and technology Gabriel Murtagh. News April 17, 2025 News April 17, 2025 News April 17, 2025 Premium Features, Analysis, Interviews April 17, 2025 News April 17, ...

2025 will be a pivotal year for Europe as it seeks stability and security in a changing global order. The Brussels Times has asked industry experts what developments they foresee and how life in Belgium will be

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affected. Professor ...

Paris, May 15, 2023 - TotalEnergies has launched at its Antwerp refinery (Belgium), a battery farm project for energy storage with a power rating of 25 MW and capacity of 75 MWh, equivalent to the daily consumption of close to 10,000 households.. A first flagship energy storage project in Belgium. After commissioning four battery parks in France offering total energy storage ...

The 40 lithium-ion mega-batteries ensure stable energy distribution from the public grid when wind or solar power inputs fluctuate. #EuropeNews

With the swearing-in of the new federal government, we provide an overview of key policy positions at both the federal and regional levels (excluding the Brussels Capital ...

EERA is the European Energy Research Alliance that brings together universities and research centres working on low-carbon energy technologies, materials and systemic, cross-cutting topics related to the clean energy transition. The website provides information on the latest energy and climate policy and research developments as well as information on events and ...

Europe's energy information problem. ... expanding existing institutions or creating new independent ones  
Dataset 16 April 2025 European natural gas imports. This dataset aggregates daily data on European natural gas import flows and storage levels. ... Not yet Trump-proof: an evaluation of the European Commission's emerging policy platform.

The need for storage capacity in Belgium is expected to increase from 7 GW to 12 GW in 2020. The main energy storage project in Belgium is the construction and operation of an offshore "energy atoll" (essentially a manmade offshore pumped-storage facility), for which the Electricity Act has been modified in 2014 (see below), in order to support offshore wind-generated ...

development of new centralised and decentralised storage systems  
o The regions are working on a clear regulatory framework, intended to place storage behind-the-meter or at the neighbourhood level  
o Objective to create energy storage potential as means to integrate intermittent, decentralised renewable energy into the grid

Climate action in Belgium . Latest state of play . The EU's binding . climate and energy legislation. for 2030 requires Member States to adopt national energy and climate plans (NECPs) to cover the 2021-2030 period. In October 2020, the European Commission published an assessment for each NECP. Belgian climate and energy policy is a combined

Belgium's energy policy is focused on transitioning to a low-carbon economy while ensuring security of supply, lowering costs for consumers, increasing market competition and ...

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Belgium Its Largest Battery Energy Storage Project in Europe Paris, May 15, 2023 - TotalEnergies has launched at its Antwerp refinery (Belgium), ... As a result, they can help meet the new challenges facing power grids today. This project, located on the Antwerp refinery site, will benefit from the available land and the ...

The Brussels Region Integrated Air, Climate and Energy Plan was adopted by the Brussels Government on 2 June 2016, during a special session of the Government dedicated to the climate. The plan proposes 64 measures and 144 actions that aim to enable the Brussels Region to reduce its emissions by 30% by 2025 (40%/capita), compared to 1990 levels.

The main energy policy file of this year is surely REPowerEU, published in May to address the Ukrainian crisis: has highlighted in EASE briefing, it contains several proposals, starting from a general REPowerEU Communications (pointing out the essential role energy storage has in ensuring security of supply by providing energy shifting services ...

The energy and climate policy of the European Union is based on three important pillars: energy security, competitiveness and sustainability. The new policy framework for 2030 sets an interim target of reducing greenhouse gas emissions by at least 55% from 1990 levels. This measure is an intermediate step toward the ultimate goal of climate neutrality by 2050, as ...

All sectors have considerable work ahead of them to meet Belgium's targets for increasing the share of renewables, lowering energy demand and reducing emissions. The IEA provides a ...

The European Association for Storage of Energy (EASE) located in Brussels, Belgium, is the leading member-supported association representing organisations active across the entire energy storage value chain. ... This allows us to ...

A Commission Recommendation on energy storage (C/2023/1729) was adopted in March 2023. It addresses the most important issues contributing to the broader deployment of energy storage. EU countries should consider the double "consumer-producer" role of storage by applying the EU electricity regulatory framework and by removing barriers, including avoiding ...

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It will have a power rating of 25 MW and capacity of 75 MWh, thanks to the forty Intensium Max High Energy lithium-ion containers supplied by Saft. Start-up is expected at the end of 2025. These two projects, which ...

Belgian climate and energy policy is a combined effort of the Flemish, Walloon and Brussels Capital regions. A high proportion of Belgians (60 %) expect national governments to ...

Brussels, 15 October 2024 - The Energy Storage Coalition calls on the European Commission to implement a comprehensive Action Plan on Energy Storage, a crucial step to ensure Europe meets its energy transition goals.

Optimising the energy profile of our cities has therefore become a top priority, requiring the right balance to be struck between energy efficiency, renewable energy and flexibility. Whether you are active in the public or the private sector, VITO/EnergyVille helps you make this energy transition.

Funded by the Commission, this independent study, entitled "Energy Storage Study - Contribution to the security of electricity supply in Europe", analyses the different flexibility energy storage options that will be needed to reap the full potential of the large share of variable energy sources in the power system. It provides a picture of ...

It is the site of the largest permitted battery energy storage system (BESS) on the continent at 2.8GWh, one of the largest under construction at 800MWh, and two under-construction projects announced last week will add ...

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