



## Elia publishes Belgian Electricity System Blueprint which covers the period 2035-2050

How much electricity will Belgium need by 2050? And what will the future energy mix be? These are the main topics of our new study, which is entitled 'Belgian Electricity System Blueprint 2035-2050'. The Belgian energy landscape will undergo a profound transformation over the next 25 years, with the level of electricity consumption more than doubling by 2050. New governments will have to quickly consider the desired energy mix for the period 2035-2050 and the degree of Belgium's dependence on imports. Elia's Blueprint study provides insights that can help them in their decision-making.

[Read the report](#)

## Elia's MOG celebrates five years of operation with remarkable results



Five years ago, Elia Transmission Belgium commissioned the Modular Offshore Grid (MOG), its first power hub in the North Sea, in the presence of His Majesty King Philippe of Belgium. Located 40 km off the Belgian coast, the platform collects the electricity generated by four offshore wind farms and transmits it to the mainland. The MOG has transmitted more than 14.75 TWh of carbon-free electricity to Belgium since it was commissioned and boasts an impressive availability rate (99.998% in 2020 and 100% in the other years of its operation). The MOG was one of Elia's first offshore projects and has enabled our company to gain unique and internationally recognised experience in this field.

[Read the press release](#)

## Presentation of Modular Control Centre System (MCCS)

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The MCCS – dubbed the 'brain for renewable energy integration' – is now entering a new phase: two of its modules are currently in the pre-commissioning phase. This tool will facilitate the work of system operators who need to be able to manage rising quantities of data about an increasingly complex power grid. The MCCS will provide them with a unified interface that will give them a more comprehensive overview of the state of the grid and allow them to more efficiently manage the electricity flows across it. The Checkpoint '24 event provided an opportunity to present the progress made on this tool and celebrate its upcoming launch.

[Watch the video](#)

## Substantial capital increase for Eurogrid GmbH

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The shareholders of Eurogrid GmbH, Elia Group and KfW carried out a €600 million capital increase, of which €480 million was provided by Elia Group and €120 million of which was provided by KfW, clearly demonstrating their confidence in the investments that 50Hertz has made in grid infrastructure. This year, 50Hertz will invest some €3.3 billion in grid infrastructure.

[Read the press release](#)

## 100% availability for Nemo Link

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Nemo Link has proudly celebrated another year of operation without downtime. The subsea interconnector that links the United Kingdom to Belgium has now been in operation for three years without interruption (excluding maintenance periods). This year's maintenance period began on 23 September 2024 and will run until 29 September 2024. During this period, the teams will work hard to ensure the interconnector's performance and efficiency.

[Read more](#)

## Merksem: 80<sup>th</sup> birthday commemoration

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The annual Merksem commemoration took place on 6 September. Every year, this event pays tribute to the 22 power plant workers who were executed 80 years ago by German occupiers during the Second World War – a past event which resonates today given ongoing conflicts around the world. Since the beginning of the war between Russia and Ukraine, seven employees of the Ukrainian system operator Ukrenergo have lost their lives while carrying out their work. A tribute was paid to them in the presence of the Ukrainian chargé d'affaires to Belgium.

[Watch the video](#)

[Read the press release](#)

## SUSTAINABILITY

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### Elia focuses on cycling during mobility week

Elia celebrated its mobility week from 16 to 22 September, with the Mobility team organising a series of activities aimed at encouraging employees to take a closer look at their commuting habits.

The goal of these activities was to safely reduce the impact of commuting on the environment! Employees were invited to have their bike serviced and/or learn how to maintain it themselves. Some colleagues were also given the chance to test drive electric cars. In fact, our fleet is becoming increasingly sustainable due to the introduction of electric vehicles.

## EGI NEWS

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### Happy 10th birthday, EGI!

Elia Grid International (EGI) has reached an important milestone: it is 10 years old! As an engineering consultancy and one of Elia Group's entities, the company provides consultancy services to other system operators, regulators, public authorities and private developers located in Europe, the Middle East, Southeast Asia and North America.

Ten years after its creation, EGI is fully contributing to the Group's market positioning. The company has visibility into new industrial developments around the world, growing the Group's knowledge and expertise.

Watch the video

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