



## 50Hertz signs contracts with NKT and Prysmian Group for at least 3.500 km of submarine and land cable

50Hertz today signed project and framework contracts with two leading European manufacturers of high-performance cables for the production and installation of submarine and land cables covering a total length of 3,500 km, with an option for an additional 2,700 km. The contracts awarded to NKT and Prysmian Power Link - part of Prysmian Group - have a volume of 4.6 billion euro. The award covers 525-kV cable systems with a capacity of 2 GW per system for line construction projects that are legally enshrined in the Bundesbedarfsplan or envisaged in the draft of the Netzentwicklungsplan 2037/2045 (2023).

[Read the press release](#)

## Catherine Vandendorpe appointed Interim CEO of Elia Group



The Board of directors appointed Catherine as Elia Group's interim CEO following the departure of Chris Peeters, who is moving on to new pastures to become CEO of Bpostgroup. This appointment will enable a smooth transition of management, allowing to further pursue the implementation of the strategy defined by the Board of directors. The Board of directors would like to express their sincere thanks to Catherine Vandendorpe for her commitment and to Chris Peeters for his leadership during his eight years at the helm of Elia Group.

Thanks to his strategic vision, Elia Group has become one of Europe's most innovative and reliable transmission system operators that focuses in particular on international cooperation, sustainability and digitalisation. The process of appointing a new CEO has been begun.

[Read the press release \(07/09/2023\)](#)

[Read the press release \(06/09/2023\)](#)

## Summer of 2023 very good for renewable energy production



During July and August 2023, renewable energy production (solar, offshore and onshore wind) covered 30% of total Belgian consumption – a significant increase compared with last year (21%). July was a particularly windy month: Belgium produced over twice as much wind energy this year than in July 2022. Despite the fact that this summer was less sunny than last year, solar generation levels stayed stable, because the installed solar capacity in Belgium increased.

## Stadtwerke Rostock & 50Hertz inaugurate power-to-heat facility



On 6 September, Rostock's municipal services and 50Hertz commissioned a new power-to-heat (PTH) plant on the municipal services site in Marienehe. In future, the 20 megawatt electric boiler will use surplus electricity from wind power to produce climate-neutral heat for Rostock.

[Read the press release](#)

## 50Hertz takes part in the 12th Economic Forum Offshore Wind



Stefan Kapferer, CEO of 50Hertz, took part in the 12th Economic Forum Offshore Wind, held in Binz on the island of Rügen on 31 August and 1 September. Stefan reiterated the importance of achieving the objectives of the Marienberg Declaration; this was signed a year ago by the Baltic Sea countries as they committed to increasing the total installed capacity of offshore wind in the Baltic Sea to almost 20 GW by 2030. 50Hertz and its Estonian counterpart, Elering, recently signed a memorandum of understanding regarding the construction of a hybrid interconnector that would link their two countries together.

## 50Hertz installs phase-shifting transformers to improve network stability



50Hertz has commissioned four new transformers for the Hamburg/Ost substation. These will play an essential role in transmitting renewable energy from the northern extremities of Germany to Hamburg and further south. The new transformers will render the grid more stable and wind turbines will have to be shut down less often in the future. This will save on significant redispatch costs. The commissioning ceremony was attended by Jens Kerstan, Hamburg's Senator for the Environment and Energy, and Barbie Haller, Vice-President of the Bundesnetzagentur. de la Bundesnetzagentur.

[Read the press release](#)

## Elia rolls out second stage of East Loop



Elia rolled out stage two of the East Loop project this 29 September in the presence of Walloon Energy Minister Philippe Henry. The second stage of the project is now coming to fruition with the completion of the line work. The East Loop is essential in order to accommodate new generation capacity in this region where there are significant prospects for the development of renewable energies.

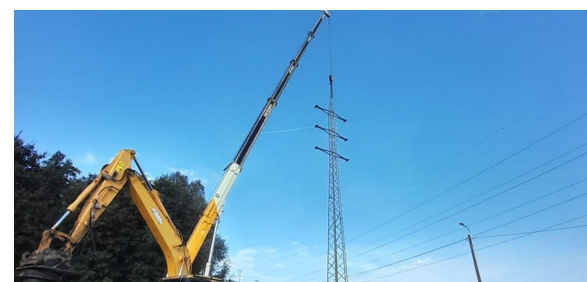
It will improve security of supply and make our grid even more reliable. Stage two involved an upgrade to 2x110 kV for two sections between Bévécécé and Trois-Ponts over a distance of 25 km. The next stages of the project are currently under study.

[Watch the video \(Dutch version\)](#)

[Watch the video \(French version\)](#)

[Read the press release](#)

## Elia completes demolition of the 70 kV Malderen-Mechelen high-voltage line



Elia has removed the last high-voltage pylons from the Malderen-Mechelen line in Leest, near Mechelen. This project was started in 2022. This year, the 50 pylons that remained were removed. The line, which dates back to the 1920s, has now disappeared from the landscape for good. The power lines themselves were removed in 2021 and replaced by underground cables.

## Elia commemorates the Merksem massacre



The Merksem massacre took place 79 years ago. In September 1944, 22 workers at the Merksem power station were killed by SS soldiers. Ever since then, the municipality of Merksem, the city of Antwerp and Elia have organised an annual commemorative ceremony to honour the deceased. This year's ceremony was attended by Patrick De Leener, Chief Assets Officer at Elia, and Dominique Kums, Alderman.

## INNOVATION NEWS



### Invitation for applications for the Control Room Experience Lab Challenge

Hosted by Elia Group, the aim of this competition is to research and develop new technologies linked to man-machine interfaces in control centres.

Innovations such as interactive 3D visualisation and modelling, haptic technologies and conversational voice interaction can help to make centre operator work more intuitive, more accurate, faster and more efficient. Interested parties should submit their applications to take part in the challenge by 31 October. Applications should be sent to [innovation@eliagroup.eu](mailto:innovation@eliagroup.eu) and [eva.schramm@50hertz.com](mailto:eva.schramm@50hertz.com).

## SUSTAINABILITY



### Elia helped the University of Liège develop innovative technology to measure groundwater flows

Engineers at the University of Liège have developed a unique technology that is capable of directly measuring the velocity of water in aquifers; this technology continuously monitors variations in the flow of water and understands its hydrodynamics.

Elia used this technology one of our sites in Brussel. The alluvial aquifer beneath the site is contaminated with eight heavy metals due to a degraded site. Thanks to this technology, we got a better view of the impact of our site on the quality of the water in the Senne. It will also make monitoring more efficient in the future.

[Read the press release](#)

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