



## Elia publishes vision paper on energy system in 2050

In its vision paper entitled Roadmap to net zero Elia Group sets out insights and describes key areas to focus on for ensuring an efficient energy transition by 2050. Launched during a livestream event with a live audience, the paper takes an in-depth look at the energy balance, flexibility and security of supply. In it, Elia Group calls for international partnerships and maximum electrification. An investment framework is needed that is capable of tripling the speed of renewable energy expansion. The document also looks at the 'lock-in effects' that can make decarbonisation less efficient.

[Read the press release](#)

[Watch the video](#)

## Information sessions on 14 December

Elia Group will organise two information sessions on the report in mid-December. They will both be in English and will be held virtually. 50Hertz will take the lead in the morning (10:00-12:00), with Elia taking over in the afternoon (14:00-16:00). You can register via the website:

[Click here to suscribe](#)



## Initial reactions to the study

Elia Group collaborated with many stakeholders on this study.

Watch this video to see reactions from Kathrin Goldammer at the Reiner Lemoine Institute in Berlin and Patrick Graichen, director of Agora Energiewende, a think tank in Germany.

[Watch the video](#)



## Partnerships needed

International cooperation will play a key role in achieving a climate-neutral energy system. The countries in the northern part of the North Sea are particularly interesting partners for Belgium since weather conditions are different there. Interconnectors can help accommodate local generation dips and seasonal fluctuations. The system operators in Denmark (Energinet) and Norway (Statnett) are definitely interested in partnerships.

[Watch the video](#)



# TRITON LINK

## Triton Link hybrid interconnector between Belgium and Denmark moves another step closer

Elia and Energinet will continue collaborating on the implementation of what could be the world's first subsea connection between two artificial energy islands to exchange power between the two countries involved and bring electricity from offshore wind farms to the mainland. The project is called Triton Link, after the king of the sea. The preliminary study shows the project is both socio-economically and technically feasible and will result in significant CO2 reductions in Europe.

[Read the press release](#)

## 50Hertz also working on new connection with Denmark

Energinet is also developing an additional subsea interconnector with Elia Group's German subsidiary 50Hertz. The two system operators have signed a cooperation agreement to prepare for a second hybrid interconnector in the Baltic Sea. The cables will also be connected to offshore wind farms via a link to Denmark's Bornholm Energy Island. The project is now being further examined and developed.



[Read the press release](#)

“ I've always wanted to create and change things, so I became an entrepreneur. I'm passionate about energy and the climate, and have a desire to contribute to something that is bigger than one company's goals. I don't worry about my legacy. I'm too busy focusing on what needs to be accomplished.

We shouldn't be improving the world for our children – they are already doing this themselves. Our role is to facilitate their hard work and achievements. This nomination isn't about me; it's about a company that gives it all, every day, in the interest of society.

[Vote now](#)

# MANAGER VAN HET JAAR 2021

## Manager van het Jaar

Elia Group CEO Chris Peeters is one of the five nominees for Trends Manager van het Jaar. The finalists, selected on the basis of their leadership qualities, are inspirational business leaders who achieve sustainable and remarkable results and make decisions that encourage innovation and growth, according to competition organiser Trends Magazine. We of course fully agree and we call on everyone to vote for our CEO at [managervanhetjaar.be/vote-manager/](https://managervanhetjaar.be/vote-manager/)

[Vote here for the Manager of the year](#)



## 170 km cable for Ostwind 2

50Hertz's Ostwind 2 project has hit a new milestone. Approximately 170 km of cable have been laid both offshore and onshore in recent months to connect two offshore wind farms to Germany's high-voltage grid. Work is now underway on the final section of the submarine cable to complete the second of a total of three 220-kV cable systems.

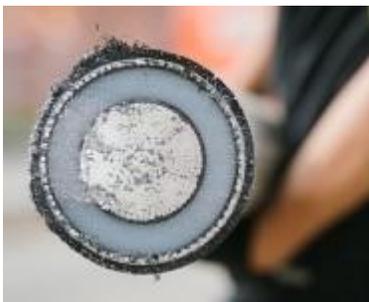
[Read the press release](#)



## ALEGrO successfully completes first year of operation

Elia and German system operator Amprion commissioned the first interconnector between Belgium and Germany on 18 November 2020. Now, one year later, ALEGrO can boast good results. The cable was available 93% of the time and 4.5 TWh of electricity was exchanged. ALEGrO is an important connection in the ongoing integration of the European electricity grid. The Belgian-German electricity cable also facilitates the integration of renewable energy sources and strengthens security of supply in both countries.

[Read the press release](#)



## Tihange-Avernas regularisation procedure begins

The Tihange-Avernas connection was commissioned in 2002 to supply the Brussels-Aachen-Cologne line. However, an appeal against the permit was lodged with the Council of State, which declared the license null and void due to a procedural error. Elia is now starting an administrative procedure to regularise the situation. The 150-kV connection is absolutely necessary for the region's security of supply.

[Read more](#)



## Q3 results

Elia Group has published its Q3 interim results, which show that its investment plans in Belgium and Germany are well on track. In addition, Nemo Link, the interconnector between Belgium and the UK, continues to deliver excellent operational and financial performance. As a result the Group has upwardly revised its outlook for 2021. Full details can be found in our press release.

[Read more](#)



Elia Group EU Taxonomy Case Study  
Implementation process,  
results and recommendations

## Elia Group scores high in EU Taxonomy

As a driving force behind the energy transition, Elia Group makes sure it is fully aligned with the EU Taxonomy, a classification system for sustainable economic activities. We were one of the first TSOs in Europe to publish a white paper describing our efforts. Elia finished in seventh place among Belgian listed companies, compared to twentieth place last year. The Group's efforts – including capital market days, participation and its many events – greatly improved its score.

[Read more](#)

## INNOVATION NEWS



### Autonomous inspection robots

Elia Group is working with three partners to develop autonomous EMC robots to inspect its HVDC converter halls in Belgium and Germany. Using robots will optimise the inspection of our assets and ensure greater efficiency. Through this partnership, Elia Group aims to support its employees in their efforts to maintain and repair assets.

[Read the press release](#)

## GRID DATA



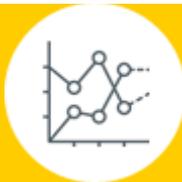
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