



Powerledger



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Elia Group and Powerledger join forces to unlock flexibility for energy consumers

- Elia Group and Powerledger want to give consumers a more active role in the energy system as flexible consumption and digitalization is becoming increasingly more important.
- They will evaluate the benefits and challenges of implementing peer-to-peer (P2P) energy trading using the traXes-platform - the one-stop-shop for Energy Service Providers developed by Elia Group, and xGrid - Powerledger's software platform for peer-to-peer energy trading.
- The two companies have signed a Memory of Understanding (MoU)

BRUSSELS | Powerledger, a technology solutions provider for renewable energy trading and Elia Group, the group of transmission system operators in Belgium and North and Eastern-Germany, have announced a joint research and development project to explore the potential of peer-to-peer (P2P) energy trading.

As renewable energy levels rise and electrification spreads, flexible consumption will become increasingly important. Elia Group's 'Consumer-Centric Market Design' (2011) aims to facilitate the transition towards a more flexible energy system by enabling existing and new energy service suppliers to provide their customers with better products and incentives. This allows them to monetize their flexibility and lower electricity costs.

The signing of the MoU with Powerledger is a new step in realizing this goal. Together, the two companies are dedicated to enhancing the efficiency of the energy market by unlocking decentral flexibility. This means that in the future, individuals and businesses will be able to become real 'prosumers': both producing and consuming energy.

For the last seven years Powerledger has developed its xGrid platform which has been used across the world and with multiple organizations. The platform is blockchain-enabled and provides users the choice over what renewable energy to use, and trade renewable energy peer-to-peer. This platform is complementary to the solution that Elia Group has developed, the traXes-platform, that ensures secure energy transactions between different participants in Belgium via its Consumer Centric Market Design. Both companies now want to evaluate the benefits and challenges to implement peer-to-peer energy trading by combining the strengths of both platforms.

"This is an exciting collaboration that will help us to demonstrate how we as grid operators can enable energy transactions between the prosumer and the consumer. It will validate new functionalities in the traXes-platform and will bring us closer in realizing the consumer-centric energy system of the future. Moreover it will enable us to make more and better use of renewable energy in the future."

David Zenner, Head of Consumer Centricity Elia Group



"We're delighted to collaborate with Elia Group in this venture. It contributes to a more efficient distributed grid. This project shows how different parties can join forces in the new electricity market design, in transforming the energy system towards more flexibility."

Dr. Jemma Green, Co-Founder and Chairman of Powerledger

Please contact us if you have any questions:

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Powerledger

Powerledger is an Australian technology company that has developed a blockchain-enabled renewable energy trading platform. Powerledger's technology is available across more than thirty projects in twelve countries, enabling customers to access and trade cheaper, cleaner electricity. Powerledger's software and features work alongside the existing infrastructure of energy systems, enabling greater control and ownership for consumers and producers alike.

Elia Group

Elia Group is an international energy company that comprises two transmission system operators. Through our subsidiaries in Belgium (Elia) and the north and east of Germany (50Hertz), we operate 19,192 km of high-voltage connections, meaning that we are one of Europe's top 5 transmission system operators. With a reliability level of 99.99%, we provide society with a robust power grid, which is important for socio-economic prosperity. We also aspire to be a catalyst for a successful energy transition, helping to establish a reliable, sustainable and affordable energy system.

About Elia Group

One of Europe's top five TSOs

Elia Group is a key player in electricity transmission. We ensure that production and consumption are balanced around the clock, supplying 30 million end users with electricity. Through our subsidiaries in Belgium (Elia) and the north and east of Germany (50Hertz), we operate 19,192 km of high-voltage connections, meaning that we are one of Europe's top 5 transmission system operators. With a reliability level of 99.99%, we provide society with a robust power grid, which is important for socio-economic prosperity. We also aspire to be a catalyst for a successful energy transition, helping to establish a reliable, sustainable and affordable energy system.

We are making the energy transition happen

By expanding international high-voltage connections and incorporating ever-increasing amounts of renewable energy into our grid, we are promoting both the integration of the European energy market and the decarbonisation of society. We also continuously optimise our operational systems and develop new market products so that new technologies and market parties can access our grid, thus further facilitating the energy transition.

In the interest of society

As a key player in the energy system, Elia Group is committed to working in the interest of society. We are responding to the rapid increase in renewable energy by constantly adapting our transmission grid. We also ensure that investments are made on time and within budget, with a maximum focus on safety. In carrying out our projects, we manage stakeholders proactively by establishing two-way communication channels between all relevant parties very early on in the development process. We also offer our expertise to different players across the sector in order to build the energy system of the future.

International focus

In addition to its activities as a transmission system operator, Elia Group provides consulting services to international customers through its subsidiary Elia Grid International. In recent years, the Group has launched new non-regulated activities such as re.alto - the first European marketplace for the exchange of energy data via standardised energy APIs - and WindGrid, a subsidiary which will continue to expand the Group's overseas activities, contributing to the development of offshore electricity grids in Europe and beyond.

The legal entity Elia Group is a listed company whose core shareholder is the municipal holding company Publi-T.

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