Press Release

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Elicio Repowers Bruges Wind Farm: Half the Turbines, Twice the Output

Elicio repowers one of its earliest wind farms. More than twenty years after the first turbines started operating in Bruges, the seven existing wind turbines will be replaced by four new units. Through this repowering project, Elicio is preparing the site for the future: fewer turbines will together generate roughly twice as much renewable energy. The announcement comes on Global Wind Day, an annual moment to highlight the power and future of wind energy worldwide.

From Pioneer Project to Wind Farm of the Future

Wind Farm Bruges III holds a special place within Elicio's portfolio. Operational since 2004, it is one of the group's earliest wind farms. These first-generation wind turbines have made a significant contribution to the local green energy supply. As they eventually reached the end of their operational lifespan, the repowering of the wind farm was initiated, with the dismantling of the original installation as the first step.

First Large-Scale Repowering: A Milestone for Elicio

For Elicio, Brugge III represents an important milestone. It is the group's first large-scale repowering project and it marks a new phase in the ongoing development of its wind farm portfolio.

"This repowering project in Bruges symbolizes what Elicio stands for: building on our pioneering experience while looking ahead. What was once one of our very first wind farms, is now becoming an even more efficient engine for sustainable energy. It is a significant step and a source of expertise for many future repowering projects. Being able to share this milestone in the run-up to Global Wind Day makes it even more symbolic." Peter Goderis, CEO of Elicio.

From Seven to Four Turbines. Yet Twice the Energy.

The seven existing turbines will be replaced by four new units equipped with the latest technology. Although the number of turbines will decrease, they will generate approximately twice as much

renewable energy as the current wind farm: increasing from 23 GWh to 45.7 GWh per year. This will enable the upgraded wind farm to supply green electricity to around 13,000 households.

According to the current planning, the new wind farm is expected to be operational by summer 2027.

Repowering: Maximizing Output at the Same Location.

Repowering enables existing wind farms to be used far more efficiently. Thanks to technological advances, modern wind turbines are more powerful, more reliable, and better adapted to their surroundings.

By installing fewer but higher-performing turbines, energy output increases significantly without requiring additional space. Repowering therefore offers multiple benefits: more renewable energy, reduced impact (such as noise) and an accelerated energy transition.

New turbines also integrate more seamlessly into their environment, with lower rotational speed and optimized designs that limit visual impact.

Renewing with Care for Bruges and Its Surroundings.

In preparing the repowering of Brugge III, extensive studies were conducted to assess how the new turbines would fit into the local environment. Through a series of analyses and visualizations from specific viewpoints around the wind farm, the impact was carefully evaluated.

This ensures that increased energy production goes hand in hand with thoughtful integration into the Bruges landscape.

Recycling & Circularity.

For the Bruges wind farm, Elicio is committed to sustainable and carefully considered recycling, in partnership with Business in Wind. Thanks to their expertise, components are recycled and reused to the greatest extent possible. Where feasible, parts are given a second life as repair and maintenance parts, or in more creative applications such as noise barriers, playground equipment, or furniture. When reuse is not possible, materials are processed by a specialized partner.

“The wind turbines in Bruges are part of Elicio’s heritage. For the blades, we are currently exploring creative ways for circular reuse. In this way, we create a true win-win: a sustainable solution combined with the opportunity to give a tangible piece of Elicio’s history a place in our offices.” Peter Goderis, CEO of Elicio.

The Next Generation of Elicio Wind Farms

With the repowering of Bruges, Elicio is taking an important step in the renewal of its existing wind farms. In the coming years, the company will continue to explore how older sites can be transformed into wind farms of the future through new technologies.

Several repowering projects are currently in development:

In Belgium, a permit was recently obtained for the repowering of one of the wind turbines at the wind farm in Zedelgem. Once all appeal procedures have been completed, the existing 2 MW turbine will be replaced by a modern 6 MW turbine. A permit application for the 6 MW wind farm in Bastogne will also be submitted shortly, with the aim of increasing the installed capacity by 50%.

Important progress has also been made **in France** regarding the repowering of older wind farms in Brittany. A repowering project for one of our existing wind farms is planned for 2027. For two other wind farms in the Côtes-d'Armor and Morbihan departments, permits have already been obtained, while permit applications for others are still ongoing.

Contact Elicio

Hannelore Dejonghe – Communication & PR - +32 476 66 80 89 – hannelore.dejonghe@elicio.be

About Elicio

Headquartered in Ostend, Elicio is a Belgian pioneer in wind energy. The company develops, builds and operates onshore and offshore wind farms in Belgium and Europe. With strong local roots and in-depth knowledge of the field, Elicio combines international ambition with a personalised approach. Elicio is not an anonymous energy giant, but rather a close-knit team of over 90 people who work tirelessly to build a sustainable energy future in Belgium and Europe.

Elicio currently operates in five countries (Belgium, France, Spain, Serbia and Scotland) and has a total of 42 onshore and offshore wind farms with a combined installed capacity of 642 MW. Together, these wind farms provide green electricity for approximately 500.000 households.

Further information about Elicio and its projects can be found at [www.elicio.be.](http://www.elicio.be)