

Ciel & Terre Leads Construction of Europe's Largest Floating Solar Project

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Ciel & Terre, a global leader in floating solar solutions, announces significant progress on the Ilots Blandin project - Europe's largest floating solar power plant currently under construction.

Located in Haute-Marne, France, the Ilots Blandin project is a testament to Ciel & Terre's expertise and commitment to advancing renewable energy solutions. Initiated by Q ENERGY in 2019, the project will boast a combined capacity of 74.3 MWp - 72.3 MWp floating and 2 MWp ground-mounted (built by Perpetum Energy).

Spread across a 127-hectare former gravel pit, the Ilots Blandin project cleverly utilizes a previously exploited site. This innovative approach optimizes land usage while maximizing solar energy production.

Ciel & Terre acts as a single point of contact for developers and EPCs (Engineering, Procurement, and Construction) companies, offering a comprehensive solution encompassing:

- Power plant design
- Anchoring installation
- Floating solar platform assembly

For Ilots Blandin, Ciel & Terre has successfully completed the anchoring process using a hybrid bank and bottom anchor solution, ensuring optimal stability for the floating structure.

Ciel & Terre's efficient project management strategies are evident in their rapid progress. To meet tight

deadlines, they:

- Mobilized two floating barges for simultaneous anchor installation.
- Assembled over 40% of the floating solar islands using three mounting platforms.
- Optimized the design of their Hydrelia aiR Optim float to accommodate higher capacity and specific project requirements.
- Implemented standardized methods throughout the project lifecycle, from design to on-site installation, for seamless execution.
- Established a tailored logistics flow to ensure timely delivery of materials.

Vincent Pinchou, Ciel & Terre EMEA Project Manager, highlights a key benefit of standardization: “In terms of design, we have an electrical configuration of 27 modules per string, for all the reservoirs, which has enabled us to order and deliver string return cables already pre-assembled in the factory.”

Ciel & Terre’s pioneering role in the Ilots Blandin project solidifies their position as a leader in sustainable floating solar solutions. This project serves as a prime example of their commitment to driving innovation and accelerating the transition towards a renewable energy future.