

Paris, November 15, 2023

## “DECO” PROJECT, WINNER OF PLASTIC OMNIUM'S 2023 INNOVATION CHALLENGE



Félicie Burelle, Managing Director of Plastic Omnium, has announced the winners of the 2023 Plastic Omnium Innovation Challenge at the annual ceremony held on November 14. The Plastic Omnium Innovation Challenge focuses on the future of energy to support the transformation of tomorrow's mobility.

- “DECO” (Decentralized Energy Communities) project wins the Grand Prix for Innovation for its internet platform for exchanging and trading electricity locally between individuals and producers.
- The other successful teams in the Challenge are “Airport Hydrogenius” and “Solar Micromobility”, winning the Jury Special Award and Audience Award.

During the ceremony, the eight teams of finalists (see below) were invited to present their solutions for drastically decreasing energy consumption through usage-optimized mobilities and decentralized interconnected energy systems.

The second edition of the Plastic Omnium Innovation Challenge, staged in collaboration with teams from SoScience, attracted over 200 participants from Europe, Asia and North America. Members of the ecosystem for tomorrow's sustainable mobility, they set to work on the Challenge when it launched on April 5, 2023. This edition includes representatives from manufacturers, engineering consultancies, entrepreneurs, academia and research laboratories.

"The future of mobility is deeply linked to the energy transition towards less energy-intensive systems, based on decarbonized and renewable energy sources. With this second edition of our Innovation Challenge, we are focusing on the energy of tomorrow, exploring avenues for

innovation that lie beyond our traditional boundaries and putting forward actionable solutions for sustainable mobility," explains Félicie Burelle, Managing Director of Plastic Omnium.

Open innovation is central to Plastic Omnium's strategy, as it develops partnerships with startups and research institutes such as CEA and MIT to accelerate its move into embedded software and disruptive technologies.

The 2022 Innovation Challenge on the future of eco-designed vehicles awarded the Grand Prix for Innovation to the Smart Polymer Bumper, a concept for self-healing bumpers using smart materials to extend vehicle lifetimes.

### **List of the eight finalists for the 2023 Innovation Challenge**

1. The **Solar Micromobility** team, with an electric bicycle-car concept powered by battery and solar energy, for urban and semi-urban mobility.
2. The **Airport Hydrogenius** team, with a decision-support solution for the adoption of hydrogen technologies in airport facilities.
3. The **Daily Move Data Analysis** team, with its mobility analysis system for identifying new low-carbon mobility business models.
4. The **Distributed PPA** team, with an internet platform for exchanging and trading electricity between individuals.
5. The **DECO** team, with an internet platform for exchanging and trading electricity locally between individuals and producers.
6. The **P2P ENERGY** team, with a project for optimizing energy use in a closed circuit that leverages artificial intelligence to anticipate electricity production and usage.
7. The **2nd Life EV Battery** team, with a project giving EV batteries a second life as household energy storage units.
8. The **Magic Box** team, with a project for fitting data recovery boxes to electric trucks to optimize management of energy charging and storage flows.

### **Members of the jury**

- Laurent Favre, Chief Executive Officer, Plastic Omnium
- Félicie Burelle, Managing Director, Plastic Omnium, and President of the Jury
- The members of the Executive Committee of Plastic Omnium
- Alexis Garavel, Investment Manager, AP Ventures
- Christophe Desrumaux, Partner, Demeter
- Fabio Lancelloti, Partner, Aster Capital

### **About Plastic Omnium**

Plastic Omnium is a world leader in innovative solutions for a unique mobility experience that is safer and more sustainable. Innovation-driven from the outset, Plastic Omnium develops and produces intelligent exterior systems, customized complex modules, lighting systems, energy storage systems, and electrification solutions for actors from every mobility sector. With €9.5 billion economic revenue in 2022, an international footprint of 150 plants and 43 R&D centers, Plastic Omnium relies on its 40,500 employees to meet the challenges of transformations in mobility.

Plastic Omnium is listed on Euronext Paris, compartment A. It is eligible for the Deferred Settlement Service (SRD) and is part of the SBF 120 and CAC Mid 60 indices (ISIN code: FR0000124570).

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