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PRESS RELEASE

Eramet inaugurates a demo plant for the recycling of electric vehicle batteries

Key figures demo plant :

- Construction cost: €10 million, including €2 million from the BPI subsidy obtained in January 2023
- 800 m²
- 1 year of construction
- 1/1000th scale
- Forecast treatment of 5t of black mass per year, in the form of campaigns lasting several weeks
- 40 people mobilized for its operation
- Two patents for hydrometallurgical recycling technology

Key figures for the plant that will be set up in Dunkirk, subject to a final investment decision scheduled for the end of 2024:

- 2018: start of studies on the recycling process at Eramet Innovation centre
- Nearly €80 million in public subsidies to support the development of the project
- "Upstream" plant managed by SUEZ: capacity of 50,000 tonnes of battery modules per year, the equivalent of 200,000 electric vehicle batteries;
- "Downstream" hydrometallurgy plant managed by Eramet: 5000 tonnes of nickel, 1000 tonnes of cobalt and 5000 tonnes of lithium per year in the form of battery-grade metal salts, according to the process tested in the demo plant.

Picture demo plant : Copyright Adrien Daste

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