



Press release
Amiens, October 3rd, 2018

TIAMAT raises €3,6 million to develop a new generation of fast charging batteries based on sodium-ion.



Based on 6 years of research driven by RS2E (Research network on electrochemical energy storage) TIAMAT develops a new generation of fast charging batteries. Founded in September 2017 by Laurent HUBARD, CEO, this young deep tech company has just finalized an important step of its story by raising 3,6 million euros, with Picardie Investissement, Finovam and CNRS Innovation. This operation allows TIAMAT to finalize its new generation of batteries.

[A battery based on sodium](#)

Unlike usual Lithium-ion batteries, TIAMAT batteries rely on Sodium-ion (Na-ion) technology, avoiding rare and expensive resources like Lithium and Cobalt.

This new Sodium technology is produced by TIAMAT. It reveals outstanding performances: the charge and discharge 10 times faster than Lithium-ion and allowing 10 times more cycles at the same cost.

"This technology is going to revolutionize the uses and access to electric energy in many areas like electric vehicles, portable electric tools or renewable energies storage", explains Laurent Hubard.

For electric bikes or buses, autonomous taxis, industrial automated guided vehicles... the Na-Ion battery is going to optimize battery uses: a charge cycle will just take a few minutes against several hours for the current batteries.

A sound fundraising for an ambitious project

With this first fundraising, TIAMAT is strengthening its battery cells production and the cells qualification. TIAMAT will supply the first customers with new batteries and integrate them into final products to create new uses. This step will go on during the next 18 months and will be followed by an industrial step. "The objective is to set up an industrial demonstration in 2020, ideally in *Hauts-de-France*, to produce a first serie of batteries." TIAMAT plans to sell its Sodium-ion batteries internationally.

About TIAMAT

TIAMAT is a start-up company, based in Amiens (France). Laurent Hubard, CEO, is a graduated engineer from ESPCI and IFP school. Laurent Hubard has an industrial background (RENAULT, L'OREAL, PCAS) and has founded a first company with 30 employees. Dr. Iona Moog manages the scientific direction. Iona Moog is coming from JOHNSON MATTHEY in the UK.

TIAMAT has 12 employees and is currently recruiting its Industrial Director.

About investors

FINOVAM

FINOVAM GESTION manages €50 million and a portfolio of 28 companies in the Hauts-de-France and Grand-Est region. FIRA NORD-EST fund is dedicated to emerging companies with high growth potential in high-tech sectors in the north-east of France. FIRA NORD-EST invests tickets from €0.3 to €2.5 million per project.

The fund is supported by the Regional Councils of Grand-Est and Hauts-de-France alongside BNP Paribas, Crédit Agricole Nord de France, Crédit Agricole Brie Picardie, Crédit Agricole de Lorraine, Caisse d'Epargne Nord France Europe, Caisse d'Epargne Picardie, Caisse d'Epargne Lorraine Champagne-Ardenne, Adeo, Lesaffre and Tereos groups and private investors.

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PICARDIE INVESTISSEMENT

Venture capital company, owned by regional investors "knowing how to give it time", Picardie Investissement supported more than 150 regional SME in their projects. As a provider of capital, Picardie Investissement is a growth accelerator for companies, for seed, transmission or development projects.

Picardie Investissement manages €80 million. The fund is supported by the Regional Council of Hauts-de-France alongside Crédit Agricole Brie Picardie, Caisse d'Epargne Hauts-de-France, CIC Nord-Ouest and BPI.

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CNRS INNOVATION

Subsidiary of the CNRS and BPI France, founded in 1992, the mission of CNRS Innovation is to transfer innovative technologies to industry. CNRS Innovation activities encompasses operating contract negotiation, IP strategic advisory, the search for industrial partners and the management of patent portfolios.

For more than 20 years, CNRS Innovation has been a supportive shareholder to innovative companies founded on CNRS technologies.

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