

MOÏZ START-UP RAISES €3M TO ACCELERATE THE INDUSTRIALIZATION OF ITS FIRST PRODUCTS

The deeptech start-up MOÏZ has closed a €3 million funding round to accelerate the market launch of its battery-free data acquisition modules self-powered using the wasted heat from industrial infrastructures and processes. This fundraising round was led by Grenoble Angels, which brought together SAMBA and RVA (two associations of the Auvergne-Rhône-Alpes Business Angels network) and by the business angels network BADGE, along with the regional institutional fund Crédit Agricole Alpes Développement (C2AD) and the industrial group Rio Tinto.

This seed financing includes €1.1 million in equity, completed by leverage from the banks Bpifrance, CERA, BPAURA, and BNP, and a deeptech development support program from Bpifrance.

BECOMING AN INTERNATIONAL LEADER IN INDUSTRIAL IOT

With this funding, MOÏZ reaches a decisive milestone: accelerating the industrialization of its first products, supporting their market deployment, including internationally, and preparing the next generation through new research and development programs. Rio Tinto Ventures' investment strengthens a customer relationship established in 2021 and confirms the relevance of MOÏZ's solutions in addressing industrial IoT energy supply challenges.

TOWARDS BATTERY-FREE AND WIRELESS INDUSTRIAL MONITORING

Founded in 2020 after a period of maturation and incubation at SATT Linksium, the Néel Institute (CNRS) spin-off, MOÏZ, develops innovative thermal energy harvesting technology. The start-up's products use the wasted heat from industrial processes and infrastructures to autonomously power -i.e. without batteries or wires- industrial sensors, providing essential data for digitalization and decarbonization of industrial sites.

By eliminating batteries and wiring, MOÏZ addresses two major challenges: environmental, by avoiding the use and replacement of millions of polluting batteries, and economic, by drastically lowering installation and maintenance costs for customers. This innovation paves the way for reliable, sustainable, and cost-effective data acquisition in the most demanding industrial environments.

STRENGTHENING THE GRENOBLE R&D HUB

The funds raised will also allow MOÏZ to expand its R&D teams, working closely with the Néel Institute and other academic laboratories to develop new thermal energy harvesting technologies that can be integrated on silicon wafers. MOÏZ plans to recruit around ten new employees over the next twelve months.

Dimitri TAÏNOFF, co-founder and CEO of MOÏZ, states: *"Digital transformation is propelling industry into a new era, and we are convinced of both the market potential and the key role we can play in this revolution. Indeed, deploying battery-powered IoT sensors faces the constraints of industrial environments, which demand robust and high-performance devices that are difficult to reconcile with limited energy autonomy. By harvesting wasted heat from industrial infrastructures and processes, MOÏZ has access to a significant and omnipresent energy source to power almost any industrial sensor, battery-free and wireless. Rio Tinto joining us validates the relevance and industrial maturity of our solution. It sends a strong signal to our clients and partners and accelerates our scaling."*

Philippe RASE, president of Grenoble Angels, adds: *"We are particularly delighted to support MOÏZ, which showcases Grenoble's technological expertise and pioneering spirit with its innovative solutions that convert wasted heat from industrial processes and infrastructures into data. We are proud to have brought together, alongside Grenoble Angels, other associations from the France Angels federation, including BADGE and two associations in Auvergne-Rhône-Alpes. Together, we are stronger in supporting MOÏZ in its future developments."*

Olivier MARTIN, Chief Technology Officer, Rio Tinto Aluminium, emphasizes: *"At Rio Tinto, we are committed to technologies that can sustainably transform our industries and enhance performance. We have been working with MOÏZ since 2021 and have been impressed by the potential of their technology, which simplifies the installation of new sensors in our aluminum production plants. We see strong potential for integrating their solution into demanding industrial environments."*

About MOÏZ

Founded in 2020 in Grenoble, MOÏZ, a deeptech start-up, takes profit of 20 years of scientific research to offer innovative solutions for industrial IoT. Emerging from research at the Néel Institute (CNRS) and supported during its maturation and incubation by SATT Linksium, MOÏZ develops self-powered, wireless sensors capable of harvesting wasted heat from industrial infrastructures and processes. This innovative technology powers sensors entirely autonomously, without batteries or wires, providing a reliable, sustainable, and cost-effective solution for the digitalization and decarbonization of industrial sites. To date, nearly 300 demonstrators are operational with multiple industrial partners in France and internationally, where the startup achieved 25% of its 2024 revenue. The initial target sectors include heavy industry as well as rail and

electrical transport networks. While ensuring the commercialization and on-the-ground deployment of its first products, the start-up MOÏZ is dedicating significant R&D efforts, in close collaboration with numerous academic laboratories, to continue improving its technologies and to prepare the next generation of sensors.

About Grenoble Angels

Founded in 2005, Grenoble Angels is one of the first regional Business Angels associations, bringing together over a hundred local investors in the Isère department. Grenoble Angels supports and finances seed projects based on the 3C philosophy: providing Competencies, Contacts, and Capital to entrepreneurs and innovative companies in the Grenoble Alpes-Isère area. Since 2005:

- Over 1,000 projects reviewed
- Over 200 companies financed or refinanced
- Over €20 million invested by Grenoble Angels members

In 2024, Grenoble Angels:

- Received 184 projects
- Studied over 35 projects
- Financed or refinanced 17 companies
- Invested nearly €900K directly, and €3 million with other France Angels networks in Isère

About Auvergne-Rhône-Alpes Business Angels:

Since 2008, the Auvergne-Rhône-Alpes Business Angels coordination has brought together 10 local Business Angels associations with over 400 members, mainly former entrepreneurs and business leaders, who support entrepreneurs in the region. These 10 local players collaborate under the France Angels federation to share best practices and information.

About BADGE:

Founded in 2004, the Business Angels of Grandes Écoles association (BADGE) is one of the first Business Angels networks in France. Its mission is to support the creation and development of high-potential innovative companies and to provide funding for them. To achieve this, the BADGE network:

- connects entrepreneurs with Business Angel investors,
- establishes relationships with leading incubators and accelerators, particularly those created within the Grandes Écoles,
- provides methodological support and training to Business Angels,
- organizes mentoring and guidance for these young companies,
- facilitates the creation of Business Angels groups within alumni associations of the Grandes Écoles.

Its members, with recognized professional experience, participated in 29 fundraising rounds in 2024, contributing €4.1 million to rapidly growing companies. Since 2005,

BADGE has financed 239 companies, providing over €55 million, which, when leveraged with other sources of funding, has generated over €140 million in total capital for these companies.

About C2AD :

Crédit Agricole Alpes Développement (C2AD) is a private equity advisory firm and subsidiary of Crédit Agricole Sud Rhône Alpes and Crédit Agricole des Savoie.

C2AD manages two funds, CADS Développement and CASRA Capital, support companies in all their equity transactions, including start-up and innovation capital, capital development, buyout capital and shareholder restructuring.

C2AD covers five departments (Ardèche, Drôme, Isère, Savoie and Haute-Savoie), with offices in Grenoble and Annecy, and manages a portfolio of 150 (one hundred fifty) investments for €123 (one hundred twenty-three) million in assets under management.

About Rio Tinto:

Rio Tinto is a leading global mining and materials company. It operates in 34 countries and produces iron ore, copper, aluminum, critical minerals and other materials needed for the global energy transition. www.riotinto.com

About SATT Linksium:

Linksium is the technology transfer acceleration company (SATT) that bridges research laboratories of Grenoble Alpes with the business world. Linksium focuses on creating startups, which serve as the main vehicle for future technology transfer. Through their entrepreneurial and human dimensions, startups accelerate the development of breakthrough products or services, the creation of new markets, and attract investor interest. Linksium is part of the network of 13 French SATTs specialized in the early stages of technological innovation projects. It is a private company with public funding, supported by the French government through the Investment for the Future Program (PIA), the Auvergne-Rhône-Alpes Region, and the European Union (FEDER). Its shareholders include Bpifrance, CEA, CNRS, Grenoble INP-UGA, INRIA, UGA, and USMB. Linksium is one of the founding members of the Grenoble Alpes University Cluster led by UGA. Since 2015, with €61 million invested, Linksium has supported 230 projects, developed 172 patents, and enabled the creation of 91 startups. www.linksium.fr

RioTinto



MOÏZ
Powering Autonomy

CONTACTS :
contact@moiz-eh.com
+33 6 63 09 99 83
moiz-eh.com