



Climate risk, Digital Factory selects Eoliann for a Proof-of-Concept with CA Auto Bank

- **The young Turin-based company employs satellite data and AI to predict the exposure to the risk of catastrophic climate events in terms of probability, intensity, and impact.**

Turin, February 27, 2025

In December 2024, **CA Auto Bank** announced the selection of **six innovative projects** proposed to **Digital Factory**, the **open innovation** platform created in collaboration with the Incubator of Politecnico di Torino (**I3P**). The platform was designed to explore new solutions and technologies that could contribute to the Bank's digital transformation. The six projects were selected **from the 50+** that passed the initial screening of the more than 150 applications received since the platform's launch. These projects are now undergoing an **experimentation phase** to test and validate the proposed solutions.

One of the young companies with which the Digital Factory team has initiated a **Proof-of-Concept** is Eoliann, a benefit company founded in 2022 in Turin, Italy. The startup specializes in quantifying climate-related risks for companies and financial institutions, offering a centralized digital solution to assess risks associated with floods, droughts, fires, landslides, heat waves, earthquakes, and extreme precipitation events. The solution **calculates the probability, intensity, and impact** of these risks on territories—currently focused on Europe—over time. Eoliann received a **€1.5 million pre-seed investment** from Primo Space and Exor Ventures, and it has since established **partnerships with international entities** such as Terna, NTT DATA, and the European Space Agency (ESA).

Eoliann's primary product is a **digital interface that provides climate risk assessment data** through various **artificial intelligence algorithms**, integrating physics, economics, climate studies, and satellite data. These data are managed through cloud infrastructure, ensuring automation and scalability. *"Our solution aims to help operators across various industries easily quantify climate risk exposure in an up-to-date and accurate manner"*, says **Roberto Carnicelli**, Co-Founder & CEO of Eoliann. *"The growing awareness of this issue and the need for new solutions have been driven by recent regulatory changes in the past few years, particularly in the banking and insurance sectors, as well as the increasing frequency of natural catastrophes and the damage they inflict on public and private property"*.

Eoliann's proposal has attracted the interest of CA Auto Bank, particularly its internal cluster dedicated to **Climate Risk**, due to its potential integration into the digital Bank's operations, especially within its insurance arm. The information, estimates, and forecasts developed by the startup could enhance the Bank's ability to comprehensively assess financial risks from extreme weather events, support the development of new insurance products and services, optimize loan and investment portfolio management, and improve the accuracy of credit risk calculations.

"From our perspective, the project proposed by Eoliann offers significant opportunities for real-world experimentation and potential integration with both CA Auto Bank's internal platforms and the services we provide in international markets," says **Andrea Mastroeni**, ESG Manager at CA Auto Bank. *"The Digital Factory initiative has given us the opportunity to engage with many young companies that have a strong*

innovative drive and are eager to contribute their technological expertise. We are pleased to have launched a Proof-of-Concept with Eoliann, which we selected specifically for its unique potential. We are confident that this trial will yield positive results and that our collaboration can continue to evolve”.

Eoliann has also expressed enthusiasm about the opportunity created by Digital Factory and the start of its first real-world collaboration with CA Auto Bank. *“This Proof-of-Concept allows us to demonstrate the effectiveness of our technological approach, which integrates satellite data, advanced climate models, and artificial intelligence to provide increasingly precise and actionable risk assessments”*, says **Giovanni Luddeni, Co-founder and CTO of Eoliann**. *“Working with CA Auto Bank enables us to test the scalability of our solution in an actual financial setting”.*

CA Auto Bank S.p.A.

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