



Microsoft

Schneider
Electric



AI Factory for Green Energy

JANUARY 2020



MICROSOFT AI FACTORY

The AI Factory, the power of innovation solving major societal challenges

Founded in partnership with Inria, the French national research institute for the digital sciences, the AI Factory embodies Microsoft's determination to contribute actively to the deployment and development of artificial intelligence.

39 startups have enjoyed the support of the AI Factory since its founding. The AI Factory provides a partnership encompassing technical, marketing and business solutions. It includes mentoring, technical advices on their solutions, as well as promotion and marketing recommendations through co-marketing or co-selling. Microsoft offers to each startup personalized piece of advice at every stage of its growth.

With the benefit of two years' maturity, Microsoft and its ecosystem have now identified five key sectors for the AI Factory to pursue: health, environment/energy, mobility, financial services and agrifood.



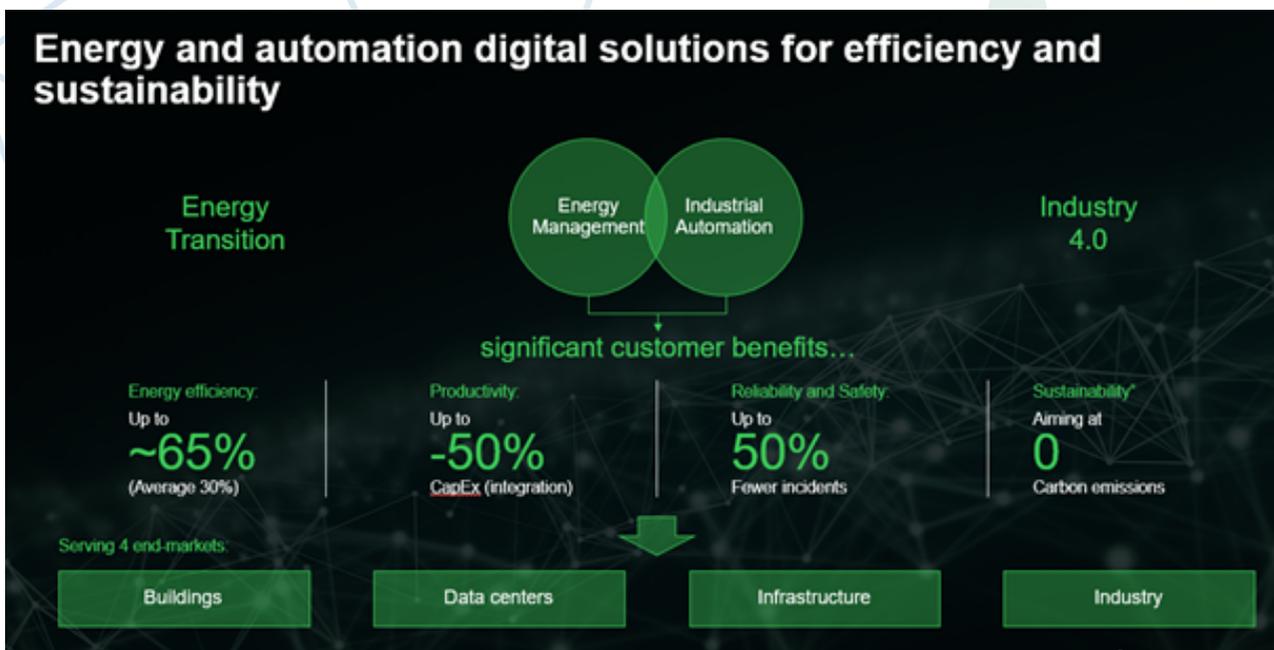
AI Factory



SCHNEIDER ELECTRIC THE INNOVATION AT EVERY LEVEL

Our planet is facing an energy dilemma: consumption is grow by 50% at the same time we must cut out CO2 emissions in half.

The only possible solution is to become 3X more efficient. The digital acceleration approach in a more electric world improves energy and operational efficiency by tapping the true business values around safety, reliability, efficiency, sustainability, and connectivity. It enables the co-creation of solutions and accelerates businesses through collective intelligence in the industrial business domains. Schneider Electric brings together experts and innovators from across industry, software, and startups, empowering them to solve very specific business challenges. It enables the co-creation of solutions and accelerates businesses through collective intelligence in the industrial business domains.



AI FACTORY FOR GREEN ENERGY

Accelerate six A.I. startups for Green Energy challenges !

BY SCHNEIDER ELECTRIC AND MICROSOFT

Schneider Electric and Microsoft join forces to support 6 startups through the AI Factory for Green Energy. This 3 months program is dedicated to finding new ways to use artificial intelligence in order to decrease consumption and increase energy efficiency.

The Inria laboratory, Sigfox, Elaia and France Digitale are also joining this promotion to support the acceleration of startups at different stages of the program.

Agnès Van de Walle, Director of the One Commercial Partner entity, Microsoft: "We are delighted to leverage our ecosystem of partners to serve together the most important causes to society, thanks to the startups of tomorrow. Schneider Electric will bring to this first promotion an in-depth expertise and personalised support, accelerating innovation across the energy sector. »

Cyril Perducat, Chief Executive IoT and Digital Transformation, Schneider Electric: "We are delighted to partner with Microsoft to incubate new ideas to use AI to help the energy sector in the energy transition... Co-innovation projects like this one are important to move the entire energy industry towards a sustainable future. "



elaia



sigfox

FRANCE



DIGITALE

OUR STARTUPS

accenta.

Smart decarbonized energy system for building

Accenta : Energy efficiency and decarbonation of buildings

CREATION YEAR

2016

FOUNDER

Pierre TREMOLIERES

WEBSITE

<https://www.accenta.ai/>

Accenta is a disruption player offering an **innovative solution for storing the renewable energy that is produced and consumed locally in order to maximize the decarbonation of buildings.** The solution combines interseasonal heat storage and artificial intelligence to produce low-carbon heating and cooling in a cost competitive way and therefore to reduce energy consumption and CO2 emissions of the building.



BeeBryte
Energy Intelligence & Automation

BeeBryte : Artificial intelligence for smarter buildings

BeeBryte's solution is minimizing utility bills with automatic HVAC & Chiller control. BeeBryte can also control batteries and EV charging stations in real time. **Based on weather forecast, occupancy, usage and energy prices, BeeBryte predicts the building's thermal energy requirement** in order to produce heating-cooling always at the right time while maintaining comfort & temperature within an operating range set by the customer.

CREATION YEAR

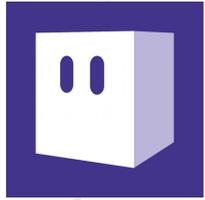
2015

FOUNDERS

Frédéric CRAMPE &
Patrick LEGUILLETTE

WEBSITE

<https://beebryte.com/>



craft ai

Craft AI : Explainable AI, as-a-service

CREATION YEAR

2015

FOUNDERS

Caroline CHOPINAUD
Stéphane DELORME
Clodéric MARS

WEBSITE

<https://www.craft.ai/>

Industrialized, self-learning explainable AI to achieve enterprise AI. **Craft AI is an API enabling product and operational teams to quickly deploy and run explainable AIs.** Craft AI decodes data streams to deliver self-learning services. Craft AI energy is the craft ai integration kit for energy prediction. Based on Craft AI 's explainable predictive models, it provides an easy way to extract meaningful patterns from your energy consumption data and detect anomalies.



EcoAdapt : Predictive Maintenance for rotating machines

Eco-Adapt's solutions bring smart hardware and data analytics tools to fully address two types of challenges:

- Predict-Adapt is a **predictive maintenance solution for electric rotating machines**, based on electrical signal analysis. Our clients rely on it to increase the availability of machines they build or operate,
- Power-Adapt **enables the measurement, the analysis and the optimization of energy consumption.**

CREATION YEAR

2012

FOUNDER

Laurent LAPARRA

WEBSITE

<https://www.eco-adapt.com/>



Meteo Swift : Artificial intelligence for energy transition

CREATION YEAR

2015

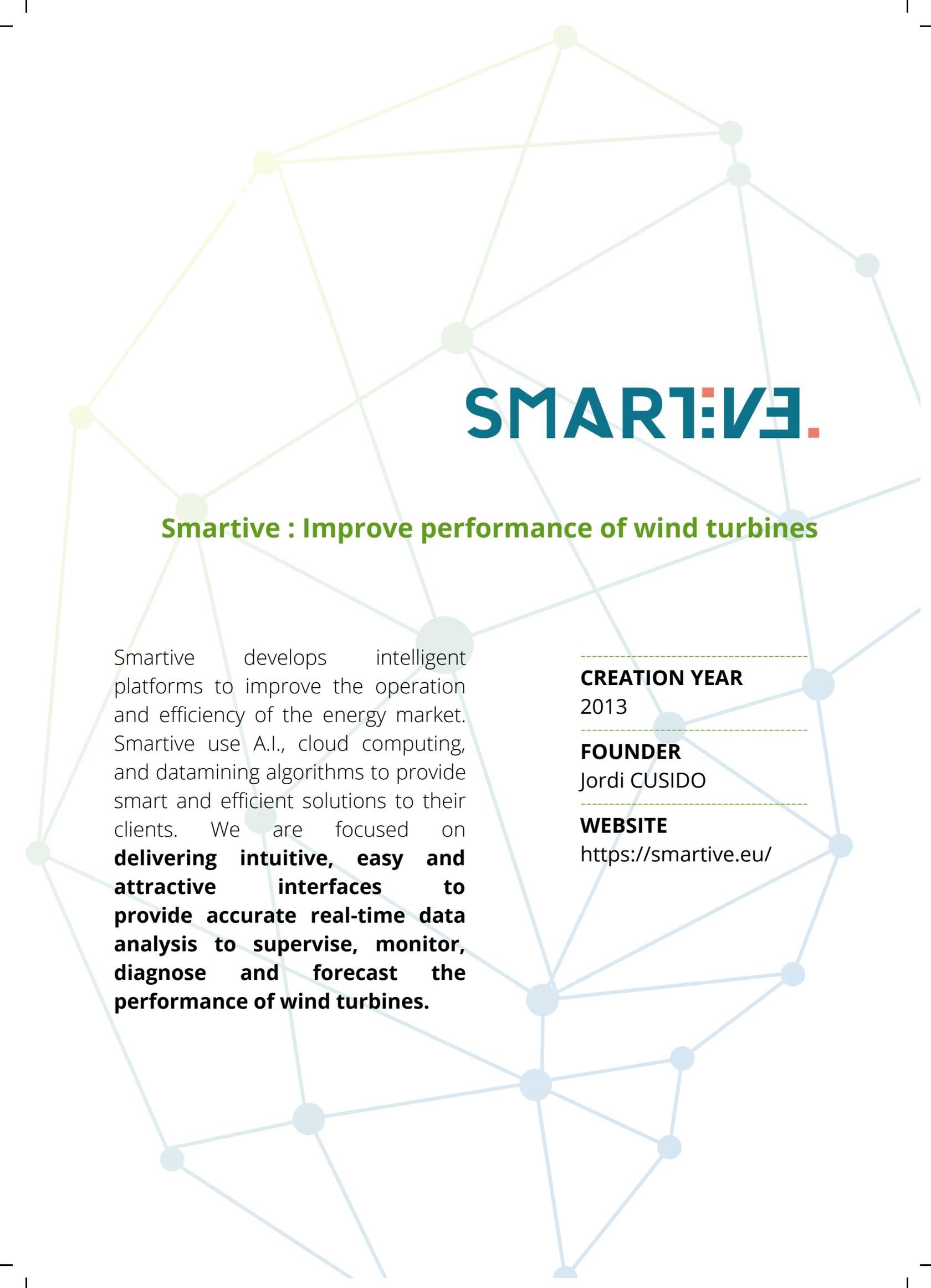
FOUNDER

Morgane BARTHOD

WEBSITE

<https://www.meteoswift.fr/>

Meteo Swift **provides daily forecasts of the wind / solar power production and optimizes the electricity trading.** Meteo Swift also provide tools to optimize the operation and maintenance of wind farms with cutting edge machine learning tools.



SMARTIVE.

Smartive : Improve performance of wind turbines

Smartive develops intelligent platforms to improve the operation and efficiency of the energy market. Smartive use A.I., cloud computing, and datamining algorithms to provide smart and efficient solutions to their clients. We are focused on **delivering intuitive, easy and attractive interfaces to provide accurate real-time data analysis to supervise, monitor, diagnose and forecast the performance of wind turbines.**

CREATION YEAR

2013

FOUNDER

Jordi CUSIDO

WEBSITE

<https://smartive.eu/>



 **Microsoft**
AI Factory



More info :
<https://aka.ms/MicrosoftStartupsFR>