

Artificial Intelligence solution is prizewinner at CO2 challenge set by Renault and Google

Ratingen, Germany 31st January 2022

An intelligent data tracking and monitoring solution developed for automotive factories by Mitsubishi Electric has been awarded a coveted 2nd place at the Hackathon CO2 Industry event organized by Renault and Google.

The competition entry was put forward by Global Key Account Manager Stephen Methogo and Senior Application Engineer Houari Derraz, Mitsubishi Electric Europe, France. It uses data-tracking to visualize, aggregate and report energy usage in real-time. Based on the collected data, it leverages actionable insights from AI to reduce process emissions at shop-floor, factory and global level.

The event was held from 23 – 25th November 2021 at the innovative Renault Re-Factory based in Flins, France which is dedicated to achieving a circular automotive economy. The factory relies on developing collaborative partnerships and technology to address four main areas of sustainability.

Hackathon CO2 Industry focusses on the decarbonization of their factories. The event is organized by Renault Group and Google and accompanied by Startup Inside, it is aimed at energy players, industrial equipment manufacturers and digital companies with ‘an appetite for innovations related to the environment’.

Stephen Methogo commented. “We are delighted to have won recognition by this event, especially as our work on achieving CO₂ reduction targets within the automotive sector is also at the core of Mitsubishi Electric’s global Environmental Sustainability Vision 2050.”

Image Captions:



Image 1: Mitsubishi Electric has been awarded a coveted 2nd place at the Hackathon CO₂ Industry event organized by Renault and Google.

[Source: Mitsubishi Electric Europe B.V., Factory Automation]



Image 2: Global Key Account Manager Stephen Methogo and Senior Application Engineer Houari Derraz, Mitsubishi Electric Europe, France.

[Source: Mitsubishi Electric Europe B.V., Factory Automation]

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With 100 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Mitsubishi Electric enriches society with technology in the spirit of its “Changes for the Better.” The company recorded a revenue of 4,191.4 billion yen (U.S.\$ 37.8 billion*) in the fiscal year ended March 31, 2021.

For more information, please visit www.mitsubishielectric.com

*U.S. dollar amounts are translated from yen at the rate of ¥111=U.S.\$1, the approximate rate on the Tokyo Foreign Exchange Market on March 31, 2021.

About Mitsubishi Electric Factory Automation Business Group

Offering a vast range of automation and processing technologies, including controllers, drive products, power distribution and control products, electrical discharge machines, laser processing machines, computerized numerical controllers, and industrial robots, Mitsubishi Electric helps bring higher productivity – and quality – to the factory floor. In addition, our extensive service networks around the globe provide direct communication and comprehensive support to customers.

Factory Automation EMEA

Mitsubishi Electric Europe B.V., Factory Automation EMEA has its European headquarters in Ratingen near Dusseldorf, Germany. It is a part of Mitsubishi Electric Europe B.V. that has been represented in Germany since 1978, a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan.

The role of Factory Automation EMEA is to manage sales, service and support across its network of local branches and distributors throughout the EMEA region.

For more information, please visit eu3a.mitsubishielectric.com/fa

About e-F@ctory

e-F@ctory is Mitsubishi Electric’s integrated concept to build reliable and flexible manufacturing systems that enable users to achieve many of their high speed, information driven manufacturing aspirations. Through its partner solution activity, the e-F@ctory Alliance, and its work with open network associations such as The CC-Link Partners Association (CLPA), users can build comprehensive solutions based on a wide ranging “best in class” principle.

In summary, e-F@ctory and the e-F@ctory Alliance enable customers to achieve integrated manufacturing but still retain the ability to choose the most optimal suppliers and solutions.

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