



Paris, November 17, 2021



Conference of French Mayors and Municipalities¹:

SUEZ and Logiroad join forces to use artificial intelligence to serve road networks: a first in France

For the first time in France, artificial intelligence is being used to detect faults in road network. The innovative “smart truck” solution offered by SUEZ, in partnership with Logiroad, a French specialist in image-based analysis of road deterioration, meets the audit and diagnostic needs of local authorities. Thanks to the regular rounds of household waste collection trucks, local authorities can benefit from continuous road condition analysis services throughout the year.

This new solution consists of equipping household waste collection trucks with Logiroad cameras to capture visual data such as damage, cracks, or even missing road surfaces (potholes, etc.). Logiroad then analyses these faults in order to provide the local authority with a precise review of the location, enabling it to implement an optimal maintenance plan for its roads.

By collecting both waste and data for the road services, household waste collection trucks allow local authorities to reduce their carbon footprint, as they no longer need to use a vehicle specifically for road analysis purposes.

This new service has already been tested on more than 200 km on the road network of the city of Rennes.

Yann Goyat, Chief Executive Officer of Logiroad: *“The SUEZ-Logiroad partnership allows us to carry out real-time mapping of the state of the roads of SUEZ’s client authorities. As a result, the local authorities will have full and permanent control of the data to optimize their maintenance work and their budgets.”*

Antoine Bousseau, Chief Executive Officer of Local Authority Services for SUEZ Recycling and Recovery France: *“This smart truck solution perfectly illustrates SUEZ’s aim to support local authorities in the challenges they face in managing urban development and enhancement initiatives, with concrete and innovative solutions. I am convinced that this is only the beginning of the smart truck story at SUEZ. Today, we are offering household waste collection trucks with the added value of being able to carry our diagnostics of road networks, but there are still many more opportunities and functionalities to invent and develop, notably with respect to air quality and environmental diagnostics of buildings, for example.”*

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About SUEZ:

Since the end of the 19th century, SUEZ has built expertise aimed at helping people to constantly improve their quality of life by protecting their health and supporting economic growth. With an active presence on five continents, SUEZ and its 90,000 employees strive to preserve our environment’s natural capital:

¹ Salon des Maires et des Collectivités Locales (SMCL)

About SUEZ

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Limited Liability Company with share capital of €2,513,450,316 – Siren (French business administration number) 433 466 570 RCS NANTERRE – VAT FR 76433 466 570

water, soil, and air. SUEZ provides innovative and resilient solutions in water management, waste recovery, site remediation and air treatment, optimizing municipalities' and industries' resource management through "smart" cities and improving their environmental and economic performance. The Group delivers sanitation services to 64 million people and produces 7.1 billion m³ of drinking water. SUEZ is also a contributor to economic growth, with more than 200,000 jobs created directly and indirectly on an annual basis, and a provider of new resources, with 4.2 million tons of secondary raw materials produced. By 2030, the Group is targeting 100% sustainable solutions, with a positive impact on our environment, health and climate. SUEZ generated total revenue of €17,2 billion in 2020.

Logiroad:

LOGIROAD offers an innovative, customized digital platform to support decision making in managing road and bridge infrastructure. The road doctor!!! LOGIROAD is also a key player in managing public infrastructure (signposting and street furniture) and identifying underground networks. LOGIROAD provides solutions to managers of road systems for both the maintenance as well the operation of these networks (optimizing mobility and accident analysis).

Find out more about the SUEZ Group
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