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THE RATP GROUP DEPLOYS A DIGITAL SOLUTION WITH SUEZ TO IMPROVE THE ENVIRONMENTAL PERFORMANCE OF ITS NETWORK AND HERITAGE

As part of its ecological transition plan, the RATP Group is deploying a new digital solution in collaboration with SUEZ to optimize and reduce water and energy consumption for its entire network and heritage. Infrastructure environmental performance management is optimized thanks to centralized tracking of water, gas, and electricity consumption.

Committed to its environmental transition, the RATP Group has set ambitious targets to halve greenhouse gas emissions, optimize its water consumption and reduce energy consumption by 20% by 2025. As part of this commitment, the RATP Group is deploying the OPEN project (Water and Energy Management Tool), which involves the centralisation of data from more than 1,000 communicating meters installed on 115 sites and 369 stations. The project is based on SUEZ's "ON'connect fluids™" solution, a digital platform which automatically, continually, and reliably collects data relating to multi-fluid consumption of water and energy. The centralised and continuous overview ensures better responsiveness in the detection of anomalies, particularly water leakages. It also facilitates the implementation of corrective actions and the assessment of their impact on buildings' energy performance.

An innovative digital solution to meet the new regulatory requirements for buildings' energy performance

The "ON'connect™ fluids" solution draws on two key areas of SUEZ's expertise, IoT through meters and connected objects and advanced data processing. It enables public and private players to meet new regulatory requirements in terms of building energy performance. (Especially the French "Tertiary Decree" law, which imposes a 60% reduction in energy consumption on tertiary sites with a surface area of more than 1,000 m² such as schools, offices, retailers, sports complexes, and hospitals by 2050.)

ON'connect™ fluids centralises in a customisable dashboard both the data collected by the communicating meters of different fluids (water, gas and electricity) and the data from various environmental sensors (temperature, CO₂, etc.). Deployed for the first time on a large scale, the solution allows companies to share their needs on a single platform, promoting operational efficiency and the definition of action plans to reduce the environmental impact of their assets.

Marie-Claude Dupuis, RATP Group Director of Strategy, Innovation and Development, commented: *"Thanks to this new tool, we will be able to optimise the environmental performance of our infrastructures. This approach is in line with our overall strategy to build more connected and sustainable cities. To achieve its commitments, the RATP Group has set ambitious environmental targets. These include : reducing its energy consumption per passenger/km by 20% versus its reference year, 2015, and halving greenhouse gas emissions by 2025."*

Diane Galbe, Group SEVP – Smart & Environmental Solutions BU and Strategy, commented: *"Pioneer in the deployment of connected meters with more than 5 million meters worldwide, our Group is developing unique know-how in designing and integrating communicating infrastructures as well as processing environmental data. We are proud to put this expertise at the service of the RATP Group to support the achievement of their environmental targets. This partnership is fully in line with our "Shaping SUEZ 2030" strategic plan and illustrates our ambition to help our customers avoid 20 million tons of CO₂ a year by 2030."*

SUEZ

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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: 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 €18.0 billion in 2019.

About RATP Group

With 16 million journeys every day across the planet, RATP Group is one of the leading urban transport operators in the world. The Group operates in 13 countries on four continents through its RATP Dev subsidiary and each day runs eight modes of transport: metros, urban and inter-city bus services, tramways, rail, sightseeing, cable cars, maritime shuttle services and transport on demand. The Group is also present across the entire spectrum of new mobility services in partnership with other modes (driverless shuttle services, self-service electric scooters, car-pooling, car-sharing, and smart, connected car parks). As a widely-hailed expert in infrastructure management and engineering, the Group also fields a broad range of urban services through its subsidiaries in real estate management and engineering, operating retail facilities, fiber-optic technologies, customized passenger information and innovative ticketing solutions. RATP has been running one of the densest multimodal networks in the world for over 70 years. Thanks to its 65,000 staff members, RATP Group designs, implements, and runs mobility solutions and innovative services each day for sustainable and more human towns and cities.

Find out more about the SUEZ Group
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