



Guyancourt, 20 January 2016

The waste collection of the future, as developed by Coved (Saur Group), receives an Up Numérique award

Coved, the specialist waste treatment and recovery subsidiary of the Saur Group, has received an award in the Reinventing the Client-Partner Relationship category at the Entreprise du Future digital transformation conference in Lyon. Having scooped an EBG (Electronic Business Group) Les As de la Transformation Digitale award on 19 November last year, Coved's unique and innovative model for public service waste management has now been doubly celebrated for its cutting-edge digital innovation.

Coved took the opportunity of this first conference dedicated to small and mid-size companies by showcasing its waste collection model to the 1,350 corporate CEOs who attended the event at the Lyon International Conference Centre on January 14. This solution connects waste collection trucks to the company's Nodus data analysis and expertise centres.

All fitted with GPS guidance systems, its waste collection trucks are tracked in real time. Onboard sensors gather live collection data (collection point number, weight of waste, etc.) which is then transmitted for analysis to the Nodus data and expertise centre. Think of it as a waste cloud: Nodus combines digital applications with direct links to facilities managed by Coved and the online *Mon espace Nodus* platform used exclusively for exchanging data with local authorities and service users.

Coved builds on the latest information technology solutions to gather and analyse operating data in real time using RFID chips, weighing sensors in waste collection trucks, bins and containers, and in-truck GPS systems. *"The geolocation and GPS guidance systems fitted to waste collection trucks make it possible to check that the waste collection process is running smoothly and collection rounds are being followed. These data uploads mean that traceability and material tracking information is available in real time"*, emphasises **Coved Performance Director Philippe de Villeneuve**. These systems also improve collection operator comfort and safety, at the same time as minimising the distance covered.

Collection operators and drivers can use tablets and smartphones to report an incident occurring en-route or any collection problems. Nodus experts respond by scheduling remedial or preventive actions, and inform local authorities and users of the issue in real time via a secure, interactive web interface.

"This new award highlights the reliability and relevance of the data gathering and analysis functions built around our Nodus centres to create a waste management cloud. Our innovative tailormade technologies improve traceability and make it easier to track materials as they are collected by our 1,300 collection operators and drivers and our 800 waste trucks", says **Coved Head of Innovation Karine Gaudin**.

"Using interactive, secure Internet apps means we can share data, maps and performance reports in real time with customers and users. The result is that local authorities can now reconnect with all their contract

data and play their own proactive role in optimising public service waste collections. Coved has successfully demonstrated that the ability to work within an interconnected ecosystem and gather and analyse all the relevant data is today's key challenge for improving operational efficiency and responsiveness at local level", emphasises Coved CEO Sylvain Joannon

Fully consistent with the French waste management strategy set out in the 2014-2020 waste plan and the energy transition law, Coved has for a number of years operated its business activities on the basis of a dynamic circular economy, and developed solutions to promote waste reduction, recycling and energy recovery.

As a pioneer in water and waste management services, the Saur Group ambition is to become the water industry's leading digital company by 2017. To achieve this goal, it has introduced the Phoenix digital transformation programme of more than 20 strategic projects to maximise the operational performance of the Group and develop new services. This 36-month programme implemented by the company management team is backed by investment of €36 million.



The benefits of Nodus: Nodus optimises the sizing of new facilities and predictive algorithms, information response times for local authorities and users, and remote fault diagnosis and prevention to offer a comprehensive modelling and overview solution for waste and resource management at regional level.

For more information about Nodus: <http://www.saur.com/smart-services/nodus-lexpertise-coved-a-portee-de-reseaux/>



LE RENDEZ-VOUS DES DIRIGEANTS
qui construisent l'entreprise de demain

About Saur: As a longstanding environmental services leader, SAUR Group serves local authorities and industrial companies in the successful implementation of development projects in water supply and treatment, environmental services (Coved), engineering (Stereau), infrastructure services (Cise TP), and other services related to leisure activities. Saur key figures: €1.7 billion 2013 Group net revenue, 13,000 employees and 18 million consumers in France and worldwide.

<http://www.saur.com/>

About Coved: The Saur Group waste management core business operates through its subsidiary company Coved to provide expertise in every aspect of waste collection, from the cleansing of public spaces to waste sorting, processing, storage and recycling. Key figures for 2014: 3,000 employees, 5 million residents served, 1 million tonnes of waste collected annually, and 2.4 million tonnes of waste processed. €340m revenue.

<http://www.saur.com/index.php/nos-metiers/proprete>

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