



Dijon, 07 September 2017

First step of the Smart City project:

Dijon métropole awards Bouygues Energies & Services and Citelum (EDF Group), with SUEZ and Capgemini a contract for the connected management of public spaces.

Dijon métropole has just awarded Bouygues Energies & Services (a subsidiary of Bouygues Construction) and Citelum (a subsidiary of EDF Group), with SUEZ and Capgemini, the contract to carry out and manage, over a 12-year period, a connected control centre for public facilities across 24 municipalities of the metropolitan area. Bouygues Energies & Services is the lead company of the consortium.

An innovative contract set to generate savings

The project will be carried out via a contract that includes design, building, operation, and maintenance (DBOM), and is valued at 105 million euro. Investment provided by the City of Dijon and Dijon metropolitan area represents 53 million euro of the contract.

It is a performance contract, with ongoing assessment of the consortium based on the objective criteria of results (65% energy savings on public lightning and call-out times for public areas are expected, as well as 99% availability of IT systems, etc.).

The project is based on **an innovative investment leverage effect**: savings generated by the project (energy savings, optimisation of equipments and services, etc.) will finance the creation of new services for the Smart City.

A unique Open Data project in France

Operational from 2018, the project will make technical equipment (traffic lights, street lightning, CCTV, street and road maintenance, etc.) more efficient, optimised and pooled, thus facilitating public spaces management. **For the first time in France, a centralised and connected tool for the management of public facilities will be set**



up.

Thanks to digital data generated by connected public facilities, Dijon metropolitan area wants to develop a **unique smart city initiative**, offering its residents new public services and open urban governance based on Open Data.

It is the **first time that France implements a public service project of this scale in terms of Open Data.**

The project will modernise and improve the efficiency of public action, develop the region's digital economy, and make it more attractive.

Draft agenda:

- September - October 2017: finalisation and signing of the contract with the chosen consortia
- End-2018: installation of the connected control centre

Key figures:

- Renovation of more than 34,000 lights (100% LED)
- A connected control centre up and running within 1 year
- More than 140 km of fibre optic cable laid
- 205 vehicles geotagged + 130 equipped with radios
- 113 intersections and 180 buses equipped with bus priority
- 180 buildings operated safely and securely of which 13 will be renovated, all connected to the CCC
- Replacement of 26 access terminal sites
- 65% energy savings over the duration of the contract

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Bouygues Energies & Services is a player in the energy, digital and industrial transition.

A Bouygues Construction subsidiary, it covers engineering through to construction and operation, delivering tailor-made solutions and services for public infrastructure (energy, telecoms, transport), buildings and industrial processes.

Bouygues Energies & Services is committed to developing smart cities and has positioned itself as a full-service project operator in the long-term contract environment (PPP, DBOM). Drawing on its breadth of expertise and innovative capabilities, Bouygues Energies & Services uses a comprehensive approach to meet its clients' expectations: quality of life and development of new practices, energy savings and cost control.

Bouygues Energies & Services employs 13,000 people in France, the UK, Switzerland, Canada and the various other regions in which it operates (Africa, Asia, Australia, etc.). It generated sales of €2.4 billion in 2016.



Citelum, subsidiary of EDF, creates a smart, attractive and sustainable world of light.

Citelum is developing its expertise in public lighting in the areas of traffic signage, artistic lightings and connected urban services: video protection, electric vehicle charging, Wi-Fi, air quality and noise sensors...

Over 1,000 cities and industries in the world have already trusted Citelum including Mexico City, Santiago, Copenhagen, Venice, Barcelona, Nice, Sète...

With 2,600 employees, the Group generated a turnover of nearly 300 million Euros, including 80% internationally.



We are in the era of the resource revolution. In a world facing high demographic growth, runaway urbanisation and the scarcity of natural resources, securing, optimising and renewing resources is essential for our future. SUEZ (Paris SEV, Brussels: SEVB) delivers wastewater treatment services to 58 million people and reuses 882 million m³ of wastewater. SUEZ also recovers 16.9 million tons of waste a year and produces 3.9 million tons of secondary raw materials and 7 TWh of local renewable energy. Finally, SUEZ avoids 9.5 MtCO₂e of GHG emissions for its customers. Employing 83,921 people, SUEZ is active on five continents and is a key player in the circular economy for the sustainable management of resources. SUEZ generated total revenues of €15.3 billion in 2016.



With more than 190,000 people, Capgemini is present in over 40 countries and celebrates its 50th Anniversary year in 2017. A global leader in consulting, technology and outsourcing services, the Group reported 2016 global revenues of EUR 12.5 billion. Together with its clients, Capgemini creates and delivers business, technology and digital solutions that fit their needs, enabling them to achieve innovation and competitiveness. A deeply multicultural organization, Capgemini has developed its own way of working, the Collaborative Business Experience™, and draws on Rightshore®, its worldwide delivery model. Learn more about us at www.capgemini.com.

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