Dijon Metropolis is inventing the territory of tomorrow with a smart metropolis project that is ground-breaking in France, placing the management of the public space at the heart of new citizen services and the modernization of public action. It is the first time that a project has addressed problems relating to road maintenance (waste collection, road works, etc.), the efficiency of operations in the public space (coordination of teams from various departments and of vehicles) and mobility at the same time. Dijon has become a regional driving force for reflection processes surrounding the transformation of local authorities, mobilising technological innovations for the benefit of the metropolis and its residents.

**OnDijon: a ground-breaking smart metropolis project**

Commissioned on 11 April 2019, the OnDijon project is hinged around a connected control centre that manages all urban amenity equipment across the territory’s 23 municipalities. Thanks to digital data from public amenity equipment, this control centre makes it possible to facilitate and better coordinate operations in the public space and to manage urban amenity equipment remotely. With this connected control centre, the OnDijon project addresses several urban issues with a view to:

- simplifying and better coordinating the metropolis’ service maintenance operations in the public space (waste collection, roads, green spaces, cleaning)

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**KEY FIGURES FOR THE TERRITORY**

- Some 260,000 inhabitants
- 23 municipalities
- 11 April 2019: Launch of the smart metropolis with the commissioning of the connected control centre
- Finalist at the Smart City World Expo Congress 2018
- A €105 million contract financed by Dijon Metropolis, the city of Dijon, the Bourgogne Franche-Comté region and the European Regional Development Fund (ERDF)
- Replacement of more than 34,000 lighting units (100% LED)
- 113 junctions and 180 buses fitted with bus priority systems
- 205 geolocated vehicles and 130 equipped with radio communication
- More than 140 km of fibre-optic cable installed
- 180 buildings, including 13 renovated buildings, managed with safety and security monitoring and connected to the control centre
- 65% energy savings at the end of the contract
- Renewal of 26 access points
- Renewal of 269 CCTV cameras
• remotely managing urban amenity equipment across the metropolis’ 23 municipalities (traffic lights, street lighting, CCTV, road management, etc.)

• ensuring the safety and security of the public space: crisis management (snow, floods, etc.), public building safety (fire, intrusions, access control, etc.), CCTV and municipal police intervention

• organising residents’ mobility, via the coordination of transport modes and journeys throughout the territory

• managing some 630 calls made by residents per day to the dedicated call centre

A PROJECT THAT CREATES COLLECTIVE VALUE AND MAKES THE TERRITORY MORE ATTRACTION

Using digital data from public amenity equipment, Dijon Metropolis wants to benefit from this outstanding opportunity to increase its economic growth and become a leading, digitally attractive metropolitan player.

An open data policy stimulates local innovation and creativity for the benefit of the common good. Thanks to the OnDijon project, Dijon Metropolis is becoming a benchmark in the field of urban open data. The Metropolis is going to develop and test services associated with new city usages. To do so, it will be able to draw on the excellent expertise of companies throughout the territory in the fields of data science and artificial intelligence, who will be responsible for analysing the wealth of data collected.

Dijon Metropolis is developing new innovation spaces across its territory (FabLab, incubators, etc.), supported by a structured open data platform, in line with its determination to create a local digital sector of excellence. The city is becoming a full-scale testing ground to develop the metropolis of tomorrow thanks to the creation of a future Living Lab.

AN INNOVATIVE ECONOMIC AND CONTRACTUAL MODEL THAT CAN BE COPIED BY OTHER LOCAL AUTHORITIES

Through this project, Dijon Metropolis has developed a ground-breaking economic model whereby a major territorial transformation project is financed by an innovative leverage effect from investments in everyday public services and by savings generated by the optimisation of urban amenity equipment and services. The 12-year project will generate energy savings from street lighting amounting to 65% as a result of the use of 100% LED lighting.

Savings generated by the project (energy savings, optimisation of equipment and services, etc.) finance the creation of new smart metropolis services and contribute to the development of Dijon Metropolis’ digital economy.

Thus it is a model than can easily be adopted by other cities seeking to develop a smart city project. Dijon Metropolis is already talking to a number of authorities interested in the ground-breaking, reproducible model it has developed.

CREATION OF THE FIRST DIGITAL PUBLIC AUTHORITY

Convinced that data management lies at the heart of local authorities’ new public service missions, Dijon Metropolis implements a proactive open data policy providing access to public service data and sharing it with digital economy players.

It is the first time that a project on this scale in the field of open data and data governance has been launched in France by a public authority.

DATA FOR THE BENEFIT OF USAGES AND CITIZENS

Dijon Metropolis’ objective is to better address residents’ needs by creating the adaptable and sustainable city of tomorrow, for the benefit of citizens.

The construction of this new governance model also fosters transparency in terms of the way the Metropolis and its services are managed (follow-up of citizens’ requests, the development of participative democracy processes, etc.). Digital technology actually facilitates the Metropolis’ decision-making processes by providing relevant operational solutions of benefit to citizens.