



# BETTER MOBILITY TODAY

## INTEGRATED URBAN PARKING SOLUTIONS

### WHAT?

ENGIE offers a complete urban parking solution that includes a wide range of services.

- Setting up a **sensor network** on the ground at parking spaces,
- Installing **cameras that automatically read** number plates,
- Deploying an interconnecting network of sensors and parking meters,
- Collecting data from sensors, cameras and meters to determine the occupation rate of parking spaces and compliance with parking rules,
- Integrating the data into **applications** for:
  - **The public:** predictive guiding to available parking areas,
  - **The municipality:** monitoring saturation of parking areas, updating rules and prices,
  - **Control officers:** monitoring compliance with parking rules, targeting additional surveillance.
- **Training** of municipal officers and surveillance operators,
- **Deploying control support systems: video fining, software for issuing post-parking fees (electronic parking fines),**
- **Maintenance** of the entire system.

### WHY?

- **30% of all traffic** in a town is due to vehicles looking for a parking space, which generates sound and environmental pollution.
- Parking spaces take up as much as **25% of the public areas** in certain cities, which reduces the space available for housing.
- In France, **only 35% of drivers pay spontaneously for parking**, which creates a shortfall in municipal revenue.
- Parking fines in France will be decriminalised as from 1 January 2018, which will give municipalities the tools and incentives to manage their parking situation more effectively.
- Rate modulation and increased parking surveillance in cities is therefore an important **lever for changing transport behaviour**.
- ENGIE offers a solution for municipalities to make parking a lever in their transport policy, for control operators to increase their revenue from parking fees, and for the public to benefit from improved service quality.



## HOW?

### IN-HOUSE EXPERTISE

- **INEO Infracom:** expert in the design, installation and maintenance of telecommunication infrastructure and dynamic systems in regional and local communities (video cameras, speed checks, PMV, etc.).
- **INEO Tinea:** expert in the design, installation, maintenance of and training in information systems.

### A HEADSTART IN SMART PARKING

Experts at **INEOTinea** have developed an algorithm to **predict available parking spaces** in a given area. With this functionality, people can benefit from the smart-parking service without needing to use their smartphone while driving, and plan their routes in a more suitable way.

### A PROFITABLE PROJECT FOR MUNICIPALITIES

ENGIE's smart-parking system is a **worthwhile investment** for municipalities. It improves the quality of parking options the community offers, and at the same time increases revenue from parking. This does not only include paid parking but all regulated areas (Blue Zones, PMR spaces, drop-off zones, delivery zones, etc.). **Return on investment** comes fast (within a year), and even allows certain communities to think of saving on parking costs.

## FOR WHOM?

### Municipalities of all sizes, with diverse challenges like:

- The Greater Dijon city area
- Anglet municipality
- Castillon-la-Bataille municipality
- Cognac municipality

### The solution can be adapted to other environments

- Hyper- and supermarkets
- Office buildings
- Factories

Etc.

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**Want to know more  
or get in touch with one  
of our transport experts?**

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to [mobility@engie.com](mailto:mobility@engie.com)

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