



IoT platform (Internet of Things)

The **IoT platform** (the Internet of Things) is part of the strategy to build the digital platform of Metropole Nice Côte d'Azur, started by building an interface bus and by sharing trade data, a GIS, a pooled data warehouse for the urban area and an Open Data portal giving free access to public data.

The IoT Platform will collect **all the data from the deployed connected objects and measurements made in the public space** by the different local stakeholders such as the local authority, businesses, laboratories, research organisations and users. This platform will be used to **collect the continuous and contextual data flow and to pool, to aggregate and analyse the data** collected regardless of the volume or type.

Its architecture will be open, therefore scalable, by using interface standards and protocols to guarantee its interoperability with other data or business platforms in the urban area which are built on an open model.

This sharing of data generated by objects in the urban area goes beyond its administrative boundaries Data must be shared at a regional and also national level, in order to:

- > **develop new services** which can be operationally replicated across many of regions to ensure the economic viability of developments and a sustainable model for production-marketing,
- > **make use of relevant historical data and statistics** from metropolitan data,
- > **create and propose certain cross-sectoral services in the urban area**, such as mobility or managing natural risks.

Key figures

€1.08m of budget

€824K/State

€256K/Metropole



Schedule



Objectives:

- ▶ **Interactive cross-referencing data flow produced by the Connected Objects**
- ▶ **Manage and share pooled data over a data hub**



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