



## IRIS: NCA among the top 3 test urban areas to integrate and replicate sustainable Cities (H2020)

The Metropole Nice Côte d'Azur is among the **top 3 French test cities in the European Horizon 2020 programme for the research, development and innovation** by winning the **European Commission's SCC-01 call for proposals** (innovative cities and communities).

Referred to as **Irish** (Integration and Replication solutions for co-creation in sustainable cities), the programme brings together three 'flagship cities' in Europe, **Utrecht, Gothenburg and Nice**, and four 'follower cities' in Finland, Greece, Romania and Spain.

Coordinated by the city of Utrecht in the Netherlands (with the support of the Greek research centre, CERTH) this 5-year project aims to develop **innovative solutions in the fields of energy, transport and information and communication technologies (ICT)** at the district level.

The Metropole Nice Côte d'Azur's local partners in the IRIS project are: EDF, Enedis, Veolia, Vulog, Nexity, University of Nice Sophia Antipolis (IMREDD and GREDEG), the Scientific et Technical Building Centre (CSTB) and Côte d'Azur Habitat.

### The urban areas covered by this project are:

- Pre-pilot (reference):** Carros
- Demonstration:** Grand Arénas, Les Moulins, Nice Méridia
- Replication:** Sports complex, St Isadore

### The specific subject areas of the NCA projects are as follows:

- Energy pilot of an eco-district** (local generation of renewable energy, storage, dynamic demand management, balancing, tariff modulation depending on the hour of the day)
- Electric-mobility** (*free floating car sharing*)
- Deployment of the Internet of Things** (IoT Telecommunications Network, mobile sensors, virtual sensors)
- Platform for sharing data and services of the urban area** 'City Information Platform'

### Key figures

**43** associated partners

**€18m** total budget

**€4m** budget for NCA and its partners (€1.47m for NCA)



### Schedule



### Objectives:

- ▶ **Foster scientific excellence, competitiveness and innovation by creating the conditions for greater cooperation between the different stakeholders.**
- ▶ **Give the local authorities the opportunity to take advantage of the last innovations in energy, mobility and big data to become 'Smarter.'**



LAUNCH ONGOING