

International Brokerage Event  
Brussels, 26-27/10/2017

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***CSTB***

***Régis DECORME***

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# Description of the Organization



- CSTB, Scientific and Technical Centre for Buildings, is a public organization organized to satisfy **sustainable development challenges in the world of construction**.
- Its field of expertise covers **construction products, buildings and their integration into districts and cities**.
- With its 918 employees, subsidiaries and networks of national, European and international partners, CSTB offers its service to all parties involved in construction to **improve the quality and safety of buildings**.

**CSTB**  
*le futur en construction*

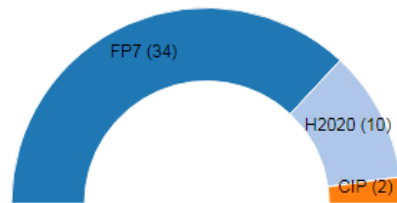
# Description of the Organization

- Strong experience in EU projects

46  
Projects

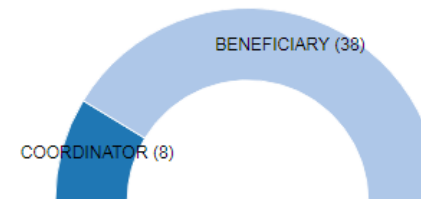
## Programmes

● FP7 (34) ● H2020 (10) ● CIP (2)



## Roles

● COORDINATOR (8)  
● BENEFICIARY (38)



# Description of the your research interest

- **Information Technologies (IT) Directorate of CSTB**

- BIM – Building Information Modeling
- CITYGML visualisation
- IoT – Internet of Things
- Sensor networks
- Energy awareness solutions
- Open data and open innovation

*for smarter buildings, cities & consumers*



# Smart, Sustainable and Resilient Cities calls

## Openergy platform – Smart City open data platform



- Objectives:
  - Develop a community of organizations (e.g. public authorities, cities) that provide **for free** real-time energy consumption data streams of their buildings,
  - demonstrate the relevance of this approach by developing a sample service implementing a smart use of those consumption data sets,
  - analyze the development of the community, to make it active and sustainable, thereby encouraging other organizations to join the community
- Expected results
  - Available open data streams
  - Added value services and city apps exploiting the open data
  - Smart cities Increased awareness: energy conservation strategies

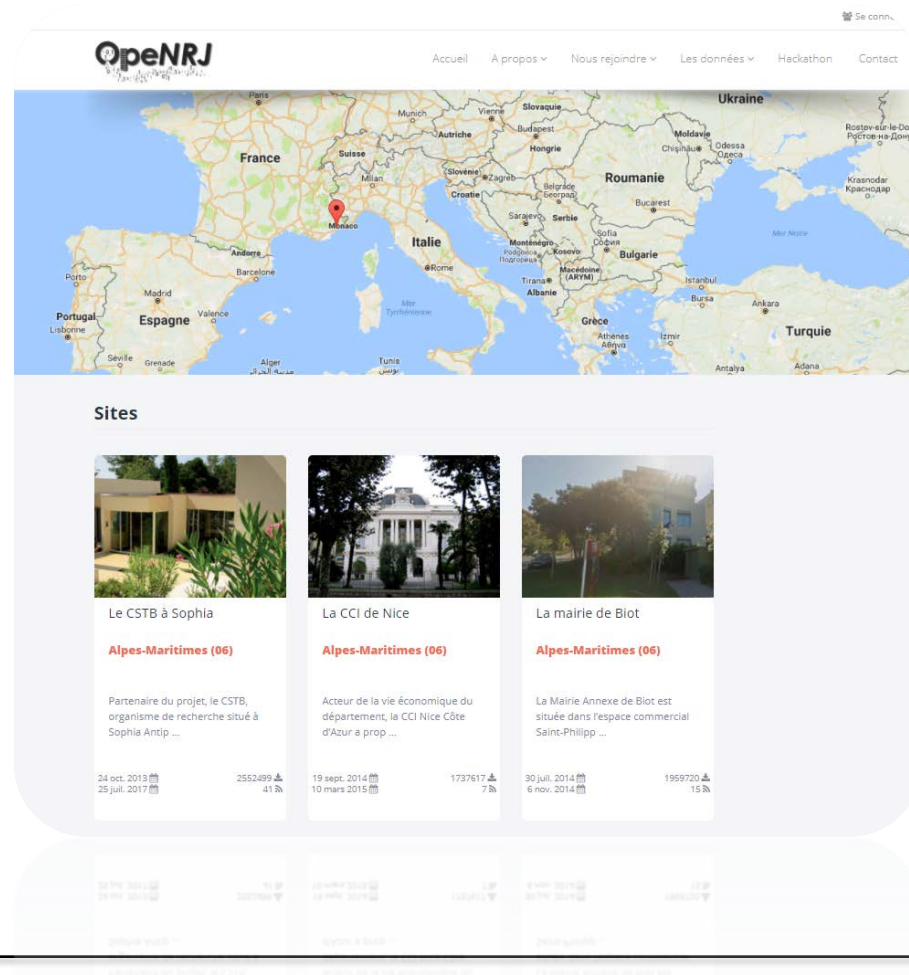
# Smart, Sustainable and Resilient Cities calls Openergy platform – Smart City open data platform



A first version of the Openergy platform and community was developed in the context of French regional project.

[www.openrj.eu](http://www.openrj.eu)

It will be used as the basis to build the H2020 proposal.



# Relevant call topics



- Smart, Sustainable and Resilient Cities and Energy Efficient Buildings
  - Demonstrating systemic urban development for circular and regenerative cities
- Smart Energy Systems and Consumers
  - Consumer engagement and demand response
  - TSO – DSO – Consumer: Large-scale demonstrations of innovative grid services through demand response, storage and small-scale (RES) generation

# Consortium - profile of known partners *(if any)*



No	Partner Name	Type	Country	Role in the Project
01	CSTB	RTD	FR	Coordination (?)
02	GRIDPOCKET	SME	FR	Technical architecture
03	Nice Côte d'Azur	OTH	FR	Municipality (local authority): data provider
04	TECNALIA	RTD	ES	S&T coordinator



# Consortium - required partners



No	Expertise	Type	Country	Role in the project
01	FIWARE platform	IND or RTD		Expertise on the FIWARE platform <a href="https://www.fiware.org/">https://www.fiware.org/</a>
02	Local authorities – municipalities – smart cities	OTH	EU - TR	Cities / Social Housing Organisations / Public building owners / etc. who are willing to join the Openenergy community and provide open data streams for the buildings that they own.

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