

# ESSnet WPL

## Task 2 – The use of IoT for Smart Cities

### Case study 2 (DE, IT)

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## Smart Cities and Communities lighthouse projects - Introduction

Starting from the 12 “Smart Cities and Communities lighthouse projects” funded by the European Commission with the Horizon 2020 programme, we would explore these projects by analyzing their potential for official statistics.

These projects aim at demonstrating how to combine ICT, e-mobility and energy solutions to design smart and resilient cities for citizens and companies, in order to

- improve the quality of life of citizens,
- reduce the environmental impact of activities and
- create a stimulating environment for sustainable economic development.

The projects try to use integrated approaches, that means ***scalable*** and ***replicable solutions***.

An objective of this use case could be to analyze, among the different projects, if there are some common aspects in terms of data, devices used and methodologies applied.

In particular, we will examine these projects with a focus on the data generated by the smart cities involved in the projects and on how these data could be used to produce official statistics.

We will also research, which official data cities could use to transform into smart cities.

# Smart Cities and Communities lighthouse project – List of projects

List of the twelve ‘Horizon 2020 Smart Cities and Communities’ projects:

- Remourban [www.remourban.eu](http://www.remourban.eu)
- Triangulum [www.triangulum-project.eu](http://www.triangulum-project.eu)
- GrowSmarter [www.grow-smarter.eu](http://www.grow-smarter.eu)
- SmartEnCity [www.smartencity.eu](http://www.smartencity.eu)
- Replicate [www.replicate-project.eu](http://www.replicate-project.eu)
- Smarter Together [www.smarter-together.eu](http://www.smarter-together.eu)
- SharingCities [www.sharingcities.eu](http://www.sharingcities.eu)
- Ruggedised [www.ruggedised.eu](http://www.ruggedised.eu)
- MySmartLife [www.mysmartlife.eu](http://www.mysmartlife.eu)
- IRIS [www.irissmartcities.eu](http://www.irissmartcities.eu)
- MAtchUp [www.matchup-project.eu](http://www.matchup-project.eu)
- Stardust [www.stardustproject.eu](http://www.stardustproject.eu)

# Possible examples



Sources:

<https://www.berlin-partner.de/standort-berlin/smart-city-berlin/>

<https://www.digitalstadt-darmstadt.de/bundesweit-einzigartig-verkehrssteuerung-in-echtzeit-speit-open-data-plattform/>



Questions, ideas, suggestions

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