



PROYECTO

STARTDUST

The Smart Cities in Europe

The objective of STARDUST (Holistic and integrated urban model for smart cities) project is to pave the way towards the decarbonisation and transformation of the cities into Smart, high efficient, intelligent and citizen oriented cities, developing urban technical green solutions and innovative business models, integrating the domains of buildings, mobility and efficient energy through ICT, testing and validating these solutions, enabling their fast roll out in the market. Pamplona (ES), Tampere (FI) and Trento (IT) -will be lighthouse cities with the associated follower cities of Cluj-Napoca (Rumanía), Derry (UK), Kozani (GR) and Litomerice (CZ). The National Center for Renewable Energies (CENER) leads the project.



This project is co-financed by the European Union

29

SOCIOS

7

CITIES

€ 21

TOTAL BUDGET

9

EUROPEAN COUNTRIES



STARDUST

IN ONE CLICK

| Coordinator | Programme | Period |
|--------------|---|-----------|
| CENER | HORIZON 2020 | 2017-2022 |
| Sector | Web | |
| SMART CITIES | https://stardustproject.eu/ | |

01

The Challenge

The three **lighthouse cities** and four follower cities will work on different actions and projects, facing common urban **challenges** to be overcome in the upcoming years. CO2 emissions, atmospheric pollution, traffic congestion, fuel poverty, energy efficiency, economic growth and job creation, digital gap, and the increase of international visibility will be tackled by the STARDUST project.

02

The Solution

These seven cities **will collaborate** closely with relevant industrial partners, including a variety of innovative local SME, and will be supported by academia and research organizations in innovation development and demonstration. This unique and clearly committed partnership **will demonstrate** three lighthouse cities, deploy intelligent integration measures, test and validate technical solutions and innovative business models, and deliver blueprints for replication throughout Europe and abroad.

03

Impacts

The aim is to **test and validate** these solutions, enabling their fast roll out in the market. The STARDUST project will demonstrate that the smart integration of these actions, together with other accompanying non-technological measures can provide a platform for citizens and community engagement. **The smart cooperation** among each other will increase the quality of life of the citizens while driving the local economies forward by means of a novel productive model.