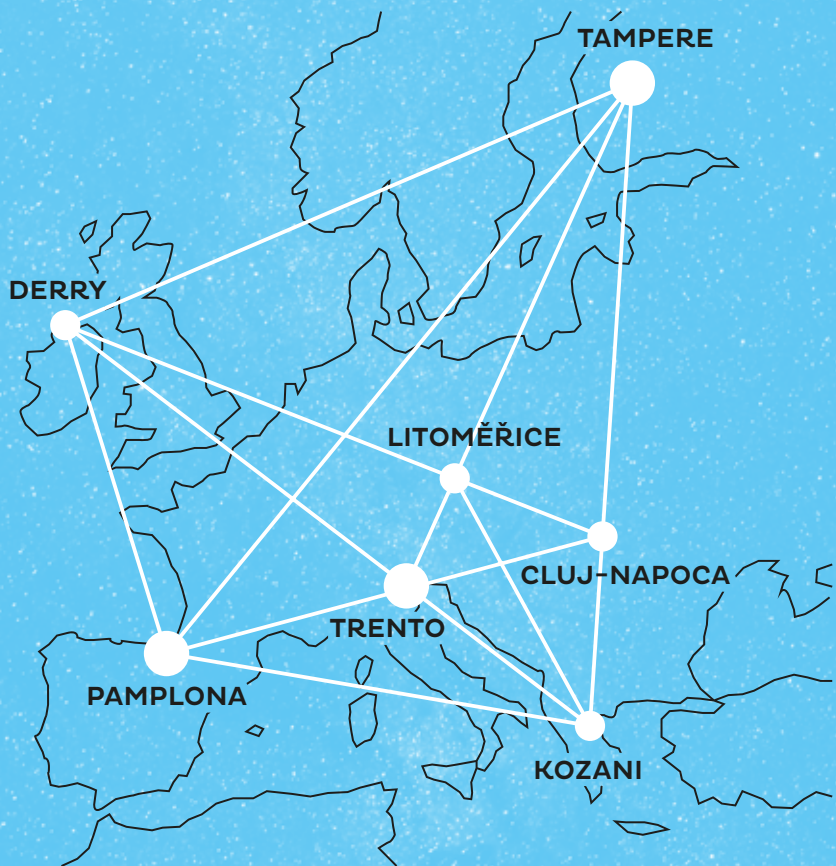


STARDUST

Enlightening
european cities



Introducing STARDUST

A constellation of 7 European cities that interweaves imagination and innovation to create a brighter tomorrow

Re-defining Urban Metabolism

The STARDUST project tackles urban challenges by designing and implementing innovative smart solutions in three Lighthouse cities with a holistic approach. Moreover, four Follower cities provide an avenue to cultivate tailored replication strategies that resonate the project's actions across Europe.

More specifically, the main objectives are:

- Establishing a constellation of cities offering sustainable and energy-efficient living conditions.
- Creating a network of smart ecosystems rooted on pro-active engagement among citizens, policy makers, industry and research institutions.
- Launching the Open City Information platform, an ICT toolkit that provides highly valuable sets of structured data and information to citizens, cities and innovation actors.
- Demonstrating the feasibility of the implemented smart solutions and their scalability, cost-efficiency and bankability under the context of eco-innovation.



LIGHTHOUSE CITIES

Exemplary models of smart, highly efficient and citizen-oriented cities



PAMPLONA

The Spanish capital of renewable energy



Spain



198K inhabitants



25 km² of land



TAMPERE

The Centre of Finnish ICT Industry



Finland



228K inhabitants



523 km² of land



TRENTO

The Painted City



Italy



117K inhabitants



158 km² of land

FOLLOWER CITIES

Revealing bankable and replicable blueprints for a sustainable future



CLUJ-NAPOCA

The Heart of Transylvania



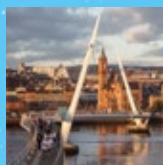
Romania



300K



180 km²



DERRY

The Maiden City



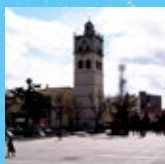
United Kingdom



150K



1,245 km²



KOZANI

The City of Books



Greece



50K



1,071 km²



LITOMĚŘICE

The Garden of Bohemia



Czech Republic



24K



18 km²

Countable challenges, numerous solutions

STARDUST solutions are categorised into four urban “fields of action”.



ENERGY

Energy consumption in urban areas will be reduced by retrofitting districts, introducing smart heating and cooling systems and making use of renewable energy resources.



MOBILITY

European cities will be less carbon dependent by providing electric vehicles, charging stations and other types of incentives that invite citizens to use greener transportation.



ICT

Advanced technology platforms will be developed to provide real time data and information, as well as to promote social innovation and co-creation of ideas among citizens, technical experts, policy makers and other stakeholders.



ENGAGEMENT

The results of STARDUST will be amplified by engaging citizens to play an active role in creating smart sustainable livelihoods.



STARDUST

Project Coordinator

Florencio Manteca
NATIONAL RENEWABLE ENERGY
CENTER - CENER
coordinator@stardustproject.eu

FOLLOW US:

★ www.stardustproject.eu

🐦 @stardustH2020

Communication & Dissemination Secretariat

FONDAZIONE ICONS
communication@stardustproject.eu

STARDUST PARTNERS



This project has received funding from the European Union's Horizon 2020 Research and Innovation programme under grant agreement N° 774094.