THE LIGHTHOUSE PROJECTS COOPERATION
MANIFESTO

Shaping the market
of Smart Cities in Europe
through the cooperation
of European lighthouse projects

PREAMBLE

Where do we come from

European cities are forerunners in the transition towards a low carbon and resource efficient economy. A fast growing percentage (currently 72%) of the EU population lives in urban areas, using 70% of our energy. Quality of city life and the attractiveness of cities as environments for learning, innovation, doing business and job creation are now key parameters for success in the global competition for talent, growth and investments.

Key challenges for Smart and Sustainable Cities are to provide solutions to significantly increase cities' overall energy and resource efficiency through actions addressing the building stock, energy systems, mobility, climate change, water and air quality. Such actions should bring profound economic, social and environmental impacts, resulting in a better quality of life (including health and social cohesion), competitiveness, jobs and growth.

The SCC lighthouse projects

The Smart Cities and Communities lighthouse projects are funded by the European Commission through the Horizon 2020 research and innovation programme, with the aim of bringing together cities, industry and citizens to demonstrate solutions and business models that can be scaled up and replicated, and that lead to measurable benefits in energy and resource efficiency, new markets and new jobs.

Since 2014, a total of 9 projects have been funded and are currently on-going from 3 different calls, being all them driven by the same challenges that EU cities are facing to ensure secure, affordable and clean energy, smart electro-mobility and smart tools and services, always showcasing their economic viability towards ensuring their replication potential in other cities.

These 9 projects represent a total of 27 lighthouse cities and 30 follower cities, working to demonstrate these processes, technologies and business models to transform their ecosystems into smarter and more sustainable places.

TRIANGULUM

- NO – Stavanger
- NL – Einhoven
- UK – Manchester
- ES – Sabadell
- DE – Leipzig
- CZ – Prague

SMARTER TOGETHER

- DE – München
- FR – Lyon
- AT – Wien
- ES – Santiago de Compostela
- IT – Venezia
- BG – Sofia
- UA – Kiev
- JP – Yokohama

REPLICATE

- ES – Donostia/ San Sebastián
- IT – Firenze
- UK – Bristol
- DE – Essen
- TR – Nilufer
- CH – Lausanne

RUGGEDISSED

- SE – Ümea
- UK – Glasgow
- NL – Rotterdam
- IT – Parma
- CZ – Brno
- PL – Gdansk

REMOURBAN

- TR – Tepebasi/Eskisehir
- ES – Valladolid
- UK – Nottingham
- BE – Seraing
- HU – Miskolc

GROWSMARTER

- DE – Köln
- ES – Barcelona
- SE – Stockholm
- RO – Suceava
- IE – Cork
- MT – Valletta
- PT – Porto
- AT - Graz

SHARING CITIES

- UK – London
- IT – Milano
- PT – Lisboa
- BG – Burgas
- FR – Bordeaux
- PL – Warszawa

SMARTENCITY

- DK – Sonderborg
- ES – Vitoria/Gasteiz
- EE – Tartu
- BG – Asenovgrad
- IT – Lecce

mySMARTLife

- FR – Nantes
- FI – Helsinki
- DE – Hamburg
- ES – Palencia
- HR – Rijeka
- BG – Varna
- HU - Bydhoszcz

"We, the representatives of the EU lighthouse projects

in light of our commitment to demonstrate sustainable, cost-effective and replicable district-scale solutions at the intersection of energy and transport enabled by ICT in a critical mass of more than 50 EU cities **acknowledge** that:

- Lighthouse projects are developing a wide range of smart solutions in these areas and generating an invaluable amount of knowledge

- Lighthouse projects can pave the way to foster the EU market for Smart City solutions, considering the whole value chain

- Lighthouse projects need to learn from each other and can benefit from jointly spreading the knowledge generated

In order to design a real engine for Smart Cities growth

Working together in order to deliver higher impacts and benefits to the challenges that EU cities are facing as:

- Mainstreaming Smart City solutions, by working together to show case them to decision makers and shifting Smart City technologies out of the private and technical sectors and into the public mainstream, giving confidence to the market

- Share learning and capacity building to enable replication in similar urban environments

- Find a swifter route to replication through demand aggregation and mass market adoption, offering value to cities and industry across EU

- Create value for money gaining internal efficiency and maximising value of the funds received by the projects and demonstrating that smart approaches deliver a real external return of investment and can drive the market value

- Provide joint ideas and evidence to support future policy and regulatory change in the lighthouse cities

...declare our commitment

To adopt a cross-project collaboration framework and a management structure to work together to enhance the impacts and benefits achieved through the projects

To establish task groups where needs for collaboration are identified in order to ensure cross-project cooperation in an impact based approach and collaborate with projects funded under previous Research and Innovation Framework Programmes where synergies appear

To contribute and collaborate with the European Innovation Partnership on Smart Cities and Communities as main fora for cities, industries and citizens to improve urban life, to increase the replication potential of the project in other EU cities

To promote and exploit the results of this cooperation approach through the proper mechanisms and tools

To increase the replication potential of the lighthouse projects in other European cities by working together

To involve the EC and INEA in an observing and advisory role on the continuous progress in the cooperation activities

To determine and demonstrate the behaviours expected for effective collaboration in order to contribute willingly and actively, provide constructive challenge, mutual trust, enthusiasm and respect

To create a set of common Smart Cities and Communities tools that benefit current and future projects and can be shared across them

To monitor the impacts and effectiveness of the cooperation activities and improve the working mechanisms when needed

To align technical, economic and social monitoring approaches to enrich the knowledgebase of the Smart Cities Information System (SCIS)

and sign this Lighthouse Projects Cooperation Manifesto in the Lighthouse City of Nottingham, on March 23rd of 2017

In representation of the signature hosting city

Cllr Sam WEBSTER
Employment and Skills

Pro Vice-Chancellor Michael CARR
Employment & Economic Engagement

In representation of the lighthouse projects

Mr Miguel Á. GARCÍA-FUENTES
REMOURBAN Project
Coordinator

Chair of the SCC01 Board of Coordinators at the time of the signature

Mr Damian WAGNER
TRIANGULUM Project
Coordinator

Mrs Lisa ENARSSON
on behalf of GrowSmarter
Project Coordinator

Mr Francisco RODRÍGUEZ
SmartEnCity Project
Coordinator

Mr Nathan PIERCE
Sharing Cities Project
Coordinator

Mrs Elisabeth JORGE
REPLICATE Project
Coordinator

Mr Maxime VALENTIN
Smarter Together Project
Coordinator

Mr Rubén GARCÍA-PAJARES
mySMARTLife Project
Coordinator

Mr Albert ENGELS
RUGGEDISSED Project
Coordinator