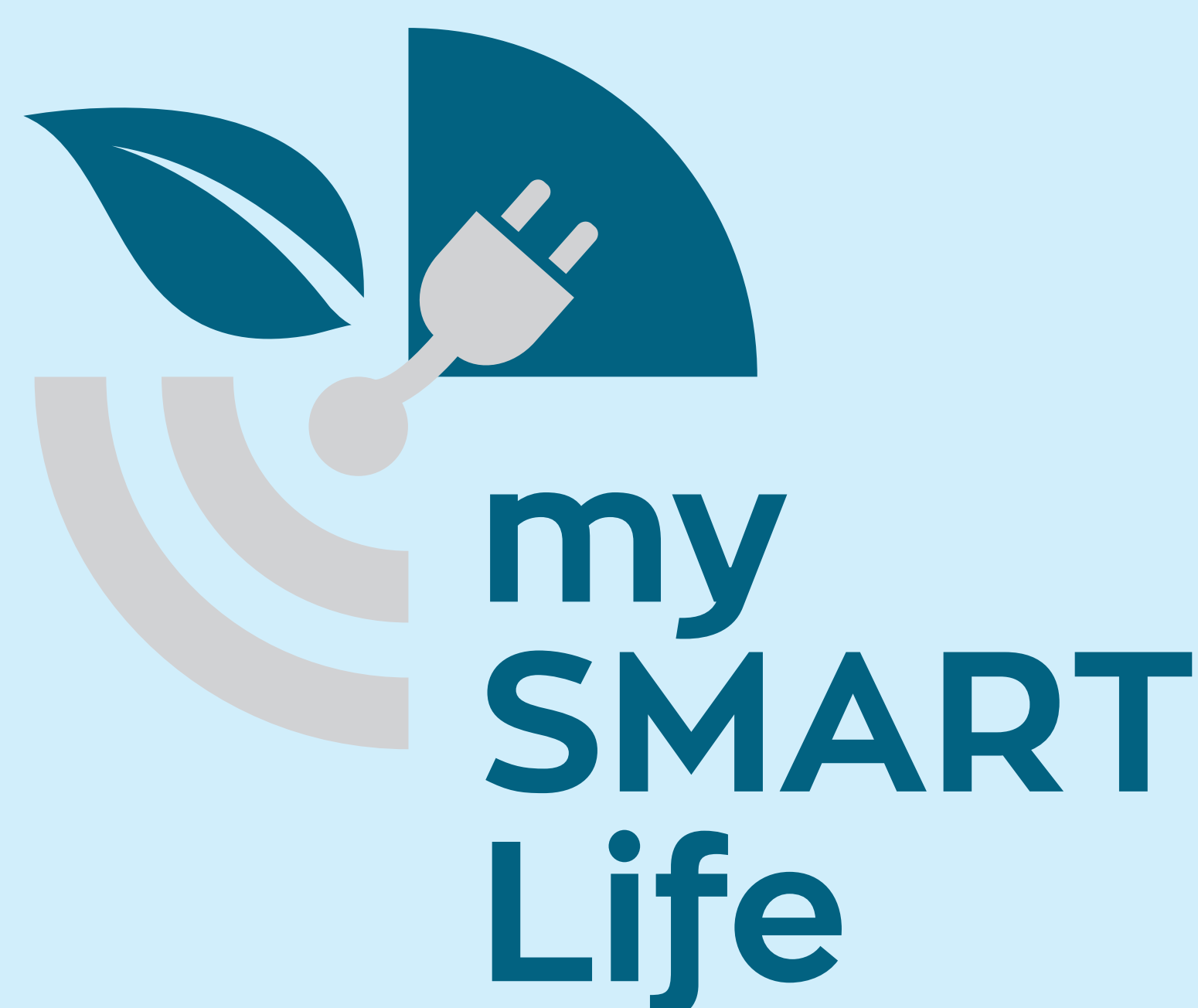


# Transition of EU cities towards a new concept of Smart Life and Economy



Three lighthouse cities leading the way and three follower cities developing specific replication plans



### Nantes – Smart urban transformation for citizens

Nantes is the sixth largest city of France, with a metropolitan area of over 600,000 inhabitants. As part of mySMARTLife, Nantes has 47 actions from smart lighting and smart charging stations to an urban ICT platform and an energy datalab which contribute to its energy transition roadmap set up in 2018, based on the results of a large citizen engagement process.

### Bydgoszcz (Poland) – Continuous engagement towards a smart future



Bydgoszcz is located in northern Poland, facing the rivers Brda and Vistula and has almost 360,000 residents. Due to Bydgoszcz's engagement in various European programmes, numerous smart solutions have already been implemented. One example is an intelligent transportation system which steers traffic through vision-based monitoring.



### Hamburg – More liveable space for more residents

The Free and Hanseatic City of Hamburg is the second largest city in Germany, with its 1.8 million inhabitants. Hamburg is implementing actions from smart streetlights and new bicycle connections to smart heating islands and new electric busses.

### Rijeka (Croatia) – On the way to transformation with modern ICT infrastructures

Situated at the Adriatic Sea, Rijeka is the third largest city in Croatia, with a population of 128,624 residents. Over the last decade, Rijeka has put strong efforts into urban development projects, particularly into the use of renewable energy sources in public transportation.



### Helsinki – Where history and presence lead into a smart future

Helsinki, the capital of Finland, has a population of over 626,300 inhabitants. The mySMARTLife project with its 47 actions is a major step towards Helsinki's target to become carbon neutral in 2035.

### Palencia (Spain) – Transferring successful big scale solutions to a smaller scale

Palencia is located in the North-Northwest region of Spain and has 80,000 residents. The city has been a pioneer in implementing electric car-sharing and in replacing its municipal fleet with electric vehicles (EV), it promotes public EV charging points and fosters cyclists mobility through bike rental and dedicated cycle paths.



## 150 actions will lead to

	Nantes	Hamburg	Helsinki
Energy improvements with respect to national regulation, derived from interventions in buildings:	Retrofitting, multiowner buildings: 6% Retrofitting, individual houses: 72% New building, Pierre Landais: 83% New building, Inspiration: 84% New building, Oiseaux: 81%	Retrofitted buildings: 38% New buildings: 38%	Retrofitted buildings: 42% New office: 62% New residential buildings: 45%
CO <sub>2</sub> emissions avoided through the deployment of clean fleets:	Public transportation: 1,095 tCO <sub>2</sub> /year Private transportation: 858 tCO <sub>2</sub> /year	Public transportation: 297 tCO <sub>2</sub> /year Private transportation: 242 tCO <sub>2</sub> /year	Public transportation: 7,025 tCO <sub>2</sub> /year

These energy and mobility actions will be supported by the development of 3 Urban Platforms based on Open Specifications and Open Data

Total budget: 21.7 M€  
EU contribution: 18.6 M€  
Private & Public funding mobilised: around 200 M€

