



Using "push-pull" principle, with "push" coming from horizontal networks, cross-sectional areas between vertical value chains and horizontal networks will generate new technology and services "jewels", which will represent flagship projects directions in area of Cities of the future.

SRIP Smart cities and communities will create and support synergies between business and research in developing and selling new solutions and products for improving the quality of life in the cities of the future.

Its penetration on the global market with concentration on niche areas will put Slovenia among the prominent European providers of such solutions.

## COORDINATOR



Jožef Stefan Institute, Ljubljana, Slovenia

SRIP Smart Cities and Communities is coordinated by Jožef Stefan Institute, the leading Slovenian research organization. It is responsible for a broad spectrum of basic and applied research in the fields of natural sciences and technology.

The staff of around 1.000 specialize in research in:

- physics,
- chemistry and biochemistry,
- electronics and information science,
- nuclear technology,
- energy utilization and environmental science.

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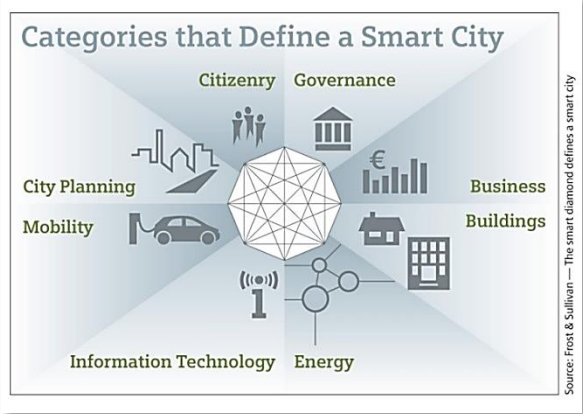
# Strategic Research and Innovation Partnership Smart Cities and Communities



Using modern digital technologies to improve the overall quality of life and performance.

## OUR MISSION

- Within SRIP Smart cities and communities we will collect Slovenian research and innovation know-how and experience from relevant industrial and academia and highlight priority “breakthrough” areas of new products, technologies and services.
- We will build support environment with professional services for industry and research, concentrating on proved new top technologies, which will integrate and upgrade existing Slovenian research and innovation achievements.



*"The single most important thing a city can do is to provide a community where interesting, smart people want to live with their families."*

*Malcolm Gladwell, journalist The New Yorker*

## WHAT DO WE OFFER?

- SRIP Smart Cities and communities partnership brings together over **140 companies and research institutions** from all over Slovenia.
- Its main goal is to connect businesses and research institutions in a particular field in the value chain, to set priorities for development investments and coordinate research and development activities.
- Partners will provide a **good supportive environment** for the exchange of knowledge and experience in the form of workshops, seminars and joint events, access to test environments, laboratories, databases; assistance in the analysis of markets, human resource development, intellectual property protection and assistance for internationalization.
- The establishment of an ecosystem with an open platform, which would enable inclusion of additional solutions for specific problems would drastically decrease the time-to-market for smaller R&D companies and thus increase the competitiveness of the region.



## KEY AREAS AND TECHNOLOGIES

Strategic Research and Innovation Partnership Smart Cities and Communities covers several research areas and the ICT horizontal providing key technologies.

### KEY AREAS

- ENERGY AND UTILITIES
- HEALTH
- MOBILITY, TRANSPORT, LOGISTICS
- SMART CITY ECOSYSTEM
- SAFETY
- URBAN LIFE QUALITY

### ICT TECHNOLOGIES

- CYBER SECURITY
- DIGITAL TRANSFORMATION
- GIS-T
- HPC AND BIG DATA
- IOS
- IOT

