



**From smart city to smart region – form an expertise  
towards political conceptual documents  
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- Understanding of the quality “smart city” as a **city functioning efficiently** and in **sustainable** way, efficiently **using and capitalising all its resources** (natural, financial, human, and technologic) as well as the **potential for collaboration and work division at the regional level**
- Main target function is the **quality of life of citizens, quality of environment for entrepreneurs and satisfaction of the visitors** mirroring the role of the **city as the center for satisfying the demand from the city and region**
- The concept of SMART CITY goes **beyond simple implementation of ICT** and other advanced technologies, it is **about institutional, organisational, environmental and behavioural innovations and innovative environment and its radiatoin towards broader area**

## **THE CORE IDEAS OF THE SMART CITY/REGION CONCEPT**

- Smart City is first of all the **concept integrating different innovative approaches** focusing on solving partial **problems of a city and region** more interactive, sensitive, reflective **city and regional governance**, more safe public spaces and satisfaction of the needs of all citizens, entrepreneurs and other stakeholders across different age and social groups.
- Smart City is a place, **where traditional service networks serving the city and region are more efficient** in satisfying the citizens and entrepreneurs **thanks to broad use of information and communication technologies (ICT)**.
- SMART TWIN CITY is **able in the collaboration with its functional region to react flexibly to current and future challenges** and **adaptation to the** needs resulting from other external and internal impulses like climate change, development of the global economy and its volatility, forthcoming globalisation and internationalisation and others

## **THE CORE IDEAS OF THE SMART TWIN CITY CONCEPT**

# Quality of life

Environment  
(resources)

Prosperity  
(economy)

Participation  
(society)

- Healthy life (food, drink water, quality of environment, non- epidemiologic)
- Life in healthy community (supportive, communicative, tolerant, open minded, dynamic, inclusive )
- Feeling of safety / environmental, physical (e.g. when walking, cycling), and social
- Feeling of security
- Freedom of choice and movement
- Possibility of self-accomplishment I (creative, innovative, professional)
- Availability of positive impulses
- Availability of motivation
- Aesthetic qualities in the environment
- Proper possibilities for dwelling, leisure time activities (art, culture), work
- Efficient execution of living activities
- Possibility to live in open inclusive environment with no prejudice, judgement-free atmosphere
- fun, enjoyable,
- Place to learn and share

**3 PILARS AND FEATURES of the quality of life as the core of the SMART CITY/REGION concept**

**Smart use  
of  
resources**

**Innovations  
(different kinds)**

**Smart  
economy**

**Quality  
of life**

*Innovations  
(different kinds)*

*Innovations  
(different kinds)*

**Smart  
community**

**Main pillars of SMART concept**

**SMART USE OF RESOURCES** is interpreted in the coherence with the vision of SMARTCity/region as a system safeguarding efficient, sustainable, adjusted use of natural, human, institutional, financial resources including available information/data, know how, high-tech technologies, approaches, processes.

Dominant categories of resources in the focus of smart use are

- energy,
- land/soil,
- information,
- know-how,
- data,
- building stock,
- infrastructure,
- human and social capital,
- nature,
- space,
- materials,
- institutional and financial capital

**The SMART ECONOMY** - a system of transformation processes in which available resources are used in the production of the values/products (goods, knowledge, services, quality of environment, etc.) and the quality of environment for these production processes.

The Smart economy is dynamic, competitive, efficiently and sustainably using and developing regional and local territorial capital, knowledge-based, innovation and creativity oriented, based on excellence, environmentally friendly, producing the outputs with high level of added value.

Dominant categories in the focus of smart economy are

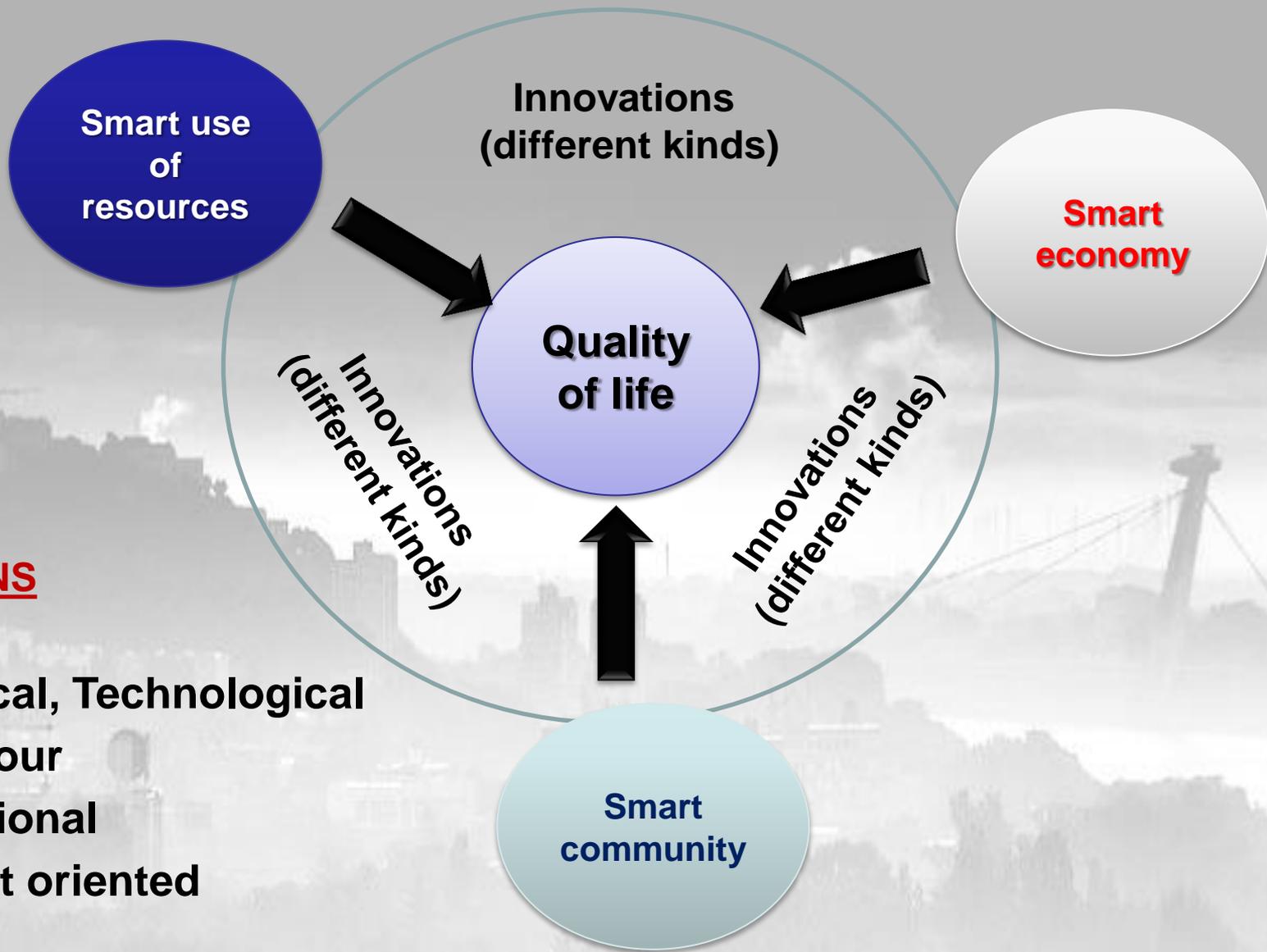
- creative/innovative environment,
- square of science - spinoffs – start-ups – scaleups,
- ecosystem-services as economic expression of the values linked to natural capital,
- creative and cultural economy,
- circular economy,
- smart tourism,
- shared economy and
- social economy.

## **The SMART COMMUNITY =**

**healthy community of citizens, entrepreneurs, visitors, users of services and other stakeholders representing smart social environment for their activities, communicating, competing and collaborating based on the clearly defined rules, fair, inclusive, equal, transparent, open, multicultural, multiracial, balanced by gender, following joint values and goal to optimise their quality of life, including dwelling, work, enterprising, and other activities using for it efficiently and sustainable available resources including the high tech technologies.**

**Dominant categories in the focus of smart community are**

- **smart governance,**
- **smart participation,**
- **smart cooperation,**
- **smart security,**
- **smart education and self-learning,**
- **smart mobility and**
- **smart education.**



## INNOVATIONS

- **Technical, Technological**
- **Behaviour**
- **Institutional**
- **Product oriented**
- **etc.**

## The way:

- ❑ TRIPLE HELIX = collaboration between city community and governance, R&D and economy players/entrepreneurs
- ❑ SMART PARTNERSHIP (synergy with the EU SMART strategies) = e.g. twin concept with Vienna
- ❑ INNOVATIONS = intelligent technologies and innovations towards for social, economic and environmental development of the city and region



**Thank you, ENJOY THE DAY!**

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For more information please refer  
[www.spectra-perseus.com](http://www.spectra-perseus.com)