1st Southeast Europe Smart Society Conference

Ljubljana
20th December 2019

City Municipality of Novo mesto – towards a Smart City

Smart community challenges:
- Knowledge building in city administration
- Viable areas of implementation
- Technology challenges and solutions
- Standardization and efficiency of solutions due to small scale implementation

Our main takes:
- Tackle problems that are „real" and observable
- Address understandable challenges first – energy efficiency => saves money
- Best solutions are simple (for implementation and foremost – for the users!)
- Integrate solutions through cooperation of municipalities with similar challenges and with support of government

Challenges in Novo mesto

Energy efficiency – through private partner in PPP we gained IoT systems for comprehensive analysis of energy consumption and optimization at public buildings

Mobility – traffic congestions are observable and real, how can we address those problems with help of smart systems – public transport, sharing systems, analysis of traffic patterns

Air pollution & Climate – we didn't do enough on gathering data on air quality – now is the time, sensors are accessible, however - what to do with data?

Our projects and goals

• Air quality – 14 sensors for air quality and meteorological data – **gather data, actionable insights, take action**

• Pilot smart public lightning project – **energy efficiency, lower light pollution**

• City card & app project – **simplify and bring services closer to the citizens**

• Energy efficiency for public buildings – **energy efficiency and smart management of resources**

• Smart on-demand public transport pilot with electric driven cars – **tackle mobility issues with innovative action**

• Smart water usage IoT sensors for footbal pitch – **adress question of using precious water resources for watering**

• Smart parking lot with magentic IoT sensors – **assess parking usage patterns, gain control on parking policies**

• Traffic radar tables with upgrade to LoraWan network – **gather data in centralized manner, master big data, get insights on traffic patterns**

Three main takes from our smart city projects

Identify challenges that fits
with smart city paradigm
and your vision

Build know-how through
partnerships and education

Gather and analyse data for
actionable insights
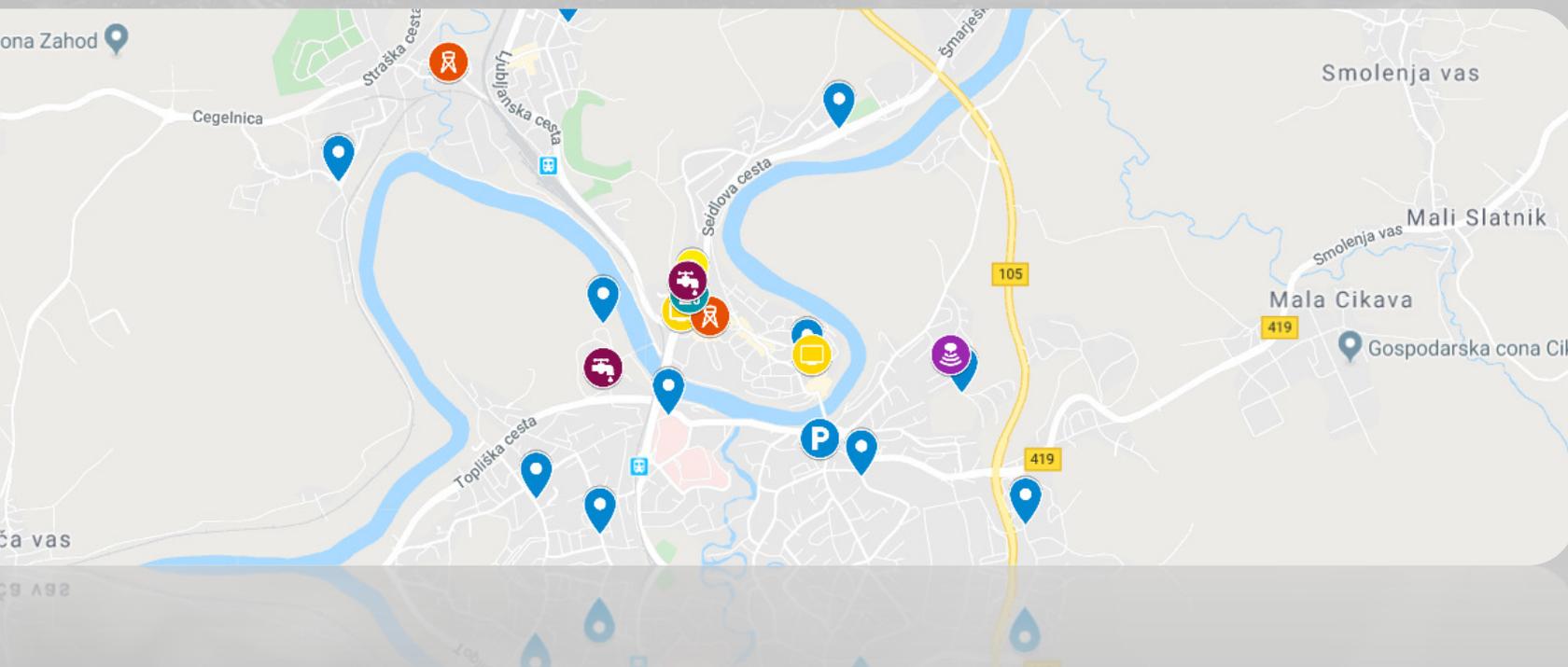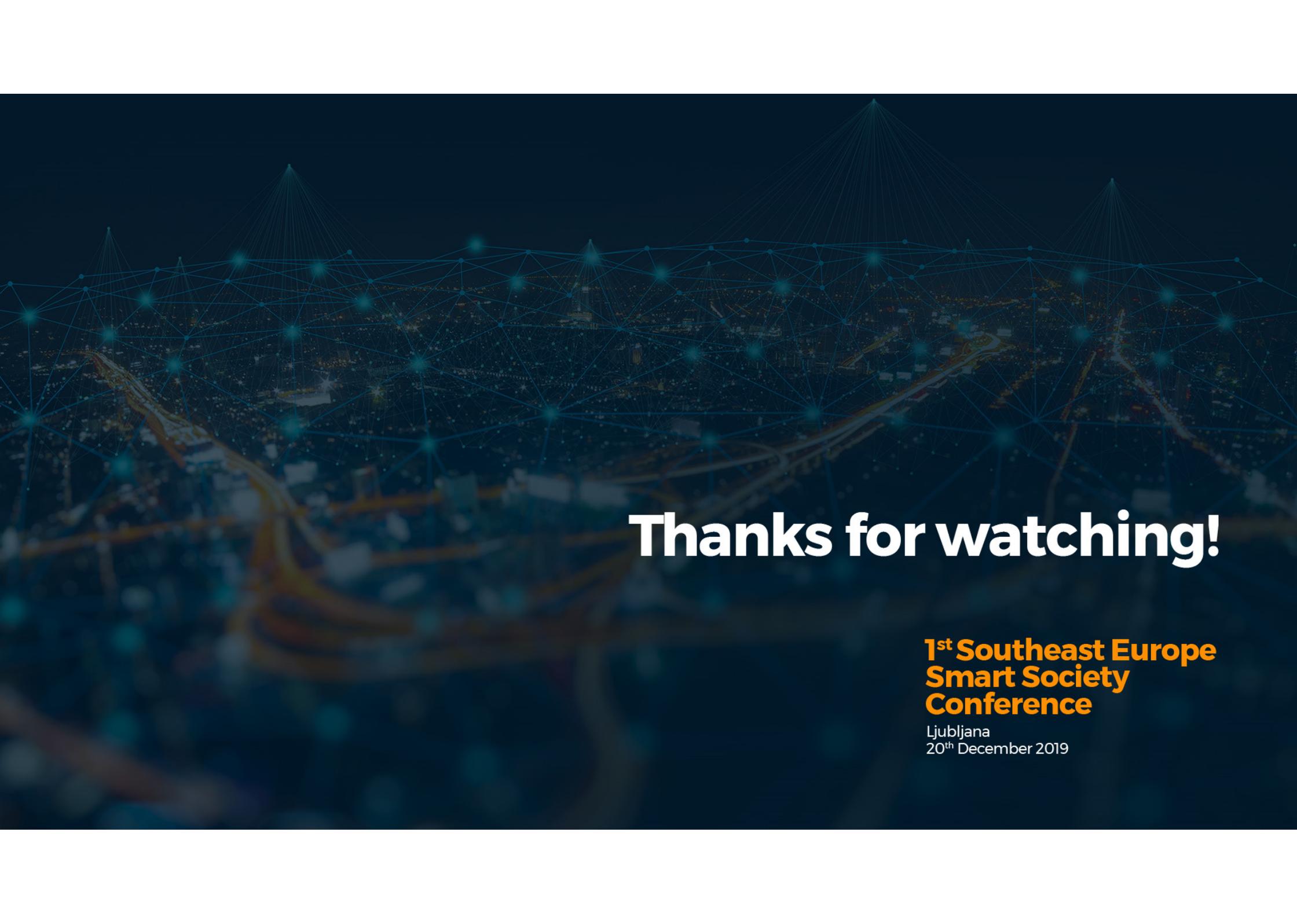
Thanks for watching!

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