



Smart Cities in the Visegrad Group

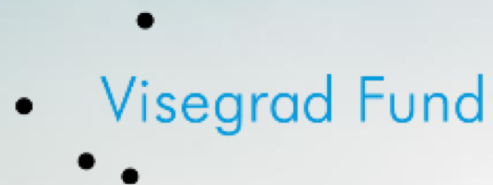
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smartpolis
Smart City Centre of Excellence





Smart Cities in the Visegrad Group

BME

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Evaluation of cities within the Smart City agenda in Visegrad Group

- Project implemented in cooperation with the International Visegrad Fund to support the Smart City and urban agenda in the region
- Collaboration of University of Technology and Economics in Budapest, EY, Central Bohemian Innovation Center, Warsaw University (DELab) and Zilina University
- Comprehensive evaluation of the selected cities in the Smart Cities area in Visegrad Group
- Duration: 18 months (start November 2017)

- **Evaluation of the current situation of the cities within the V4 region in the Smart Cities area**
- **Creation of the digital evaluation tool in Smart Cities area**
- **Summary of the data obtained for each V4 country**
- **Support for cross-border projects**

- **Creating a comprehensive tool for assessing cities in Smart Cities area and integrating the private sector and citizens into a comprehensive analysis**
- **Approximately 40 questions covering three fundamental areas of evaluation - strategy, funding, Smart City area**
- **Evaluation based on a set of indicators**
- **Scalability of the tool at national and international level**
- **The goal of the tool is to uncover new knowledge in the Smart City area and add existing data sets**

1

Smart City strategy

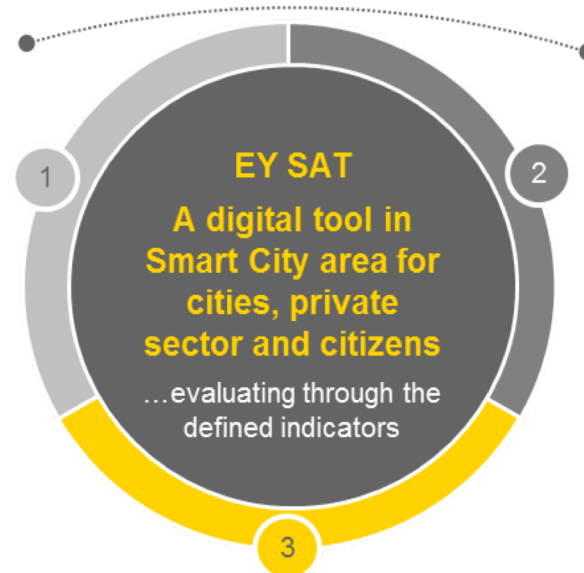
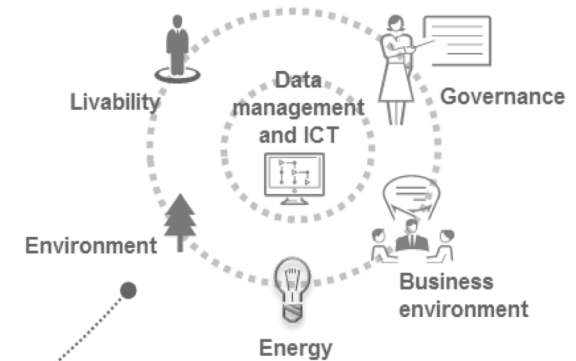
Identification of strategic documents and operational model with regard to Smart City agenda of individual cities



2

Smart City areas

Identification of the priorities and needs of a particular city in specific Smart City sub-areas



3

Smart City Financing

Analysis of financial management of Smart City projects and subsequent identification of financial needs in the region



- **Citizens are most satisfied with Smart City initiatives in Plzen, Wroclaw and Poprad**
- **Citizens recognized that their cities are least active in organizing Smart City Labs and Open Data Initiatives, specifically Hungary (hackathons), Czech Republic (Smart City Lab), Poland (Smart City Lab), Slovakia (Accelerators)**
- **In general, citizens recognized traffic management and air quality as the biggest challenges their cities face**
- **Citizens recognized most important sectors for their city development: Transport (100), Environment (98), Health (92), Education (92), Governance (90), specifically CZ (Health), HU (Transport), PL (Transport), SK (Environment)**

- **Similarly as citizens, companies see transport and environment as most important sector followed by health and education**

Preliminary Evaluation Municipalities

- In general, municipalities are open to collaborations with universities and private sector
- On contrary to citizens' results, municipalities recognized energy inefficiency and missing multimodal city transport as the biggest challenges they face

City	Has Smart City Strategy
Banská Bystrica (SK)	no
Bydgoszcz (PL)	no
Debrecen (HU)	no
Děčín (CZ)	yes
Kiskőrös (HU)	yes
Kolín (CZ)	yes
Łódź (PL)	no
Mesto Košice (SK)	no
Nitra (SK)	no
Písek (CZ)	yes
Plzeň (CZ)	yes
Poprad (SK)	yes
Szeged (HU)	yes
Praha (CZ)	yes
Warszawa (PL)	no

Thank you for your attention!

- supported by
- Visegrad Fund
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