URBAN EUROPE

SmartGov

'Smart Cities' provide new ways of designing and managing public services, infrastructure, sustainable mobility, economic development and social inclusion. However, two-way communication between citizens and urban policymakers is lacking strongly. This is partly the result of underutilisation of citizens' social media feeds and useful open data sets.

The SmartGov project aims to create new support tools that effectively incorporate linked open data and social media into Fuzzy Cognitive Maps (FCMs). FCMs are useful modelling and visualization tools for discussing policy scenarios between citizens and governments. The developed tools will be tested and implemented in four European cities.

Aim/objective

• Create new governance methods and supporting ICT tools

• Simulate impact of policies for urban planning in Smart Cities

• Support two-way communication with large stakeholder groups

Approaches/methods

• Visualization & modelling of complex problems in Smart Cities

• Fuzzy Cognitive Maps: Linked Open Data & Social Media

• Research on governance processes for urban planning

Expected results and impacts

• FCMs: Provide new decision methods, tools and guidelines

• Increase transparency and trust through visualization of decision scenarios

• Create knowledge and awareness for new policies of sustainable mobility

Involved cities

Pilots
• Limassol
• Quart de Poblet

Supporting
• Amsterdam
• Vienna

About JPI Urban Europe

JPI Urban Europe is a transnational research and innovation programme on urban transition. With the ambition to develop and validate new solutions for sustainable and liveable cities, a cooperation platform and programme is provided to connect urban stakeholders, researchers, cities, business and society

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