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Digital Governance for Sustainable and Smart Cities

Quadruple Helix Partnership in the case of the JPI Urban Europe: SmartGov Project



SmartGov Consortium

International & interdisciplinary team

3 Universities – 3 IT Companies – 2 Pilot Cities

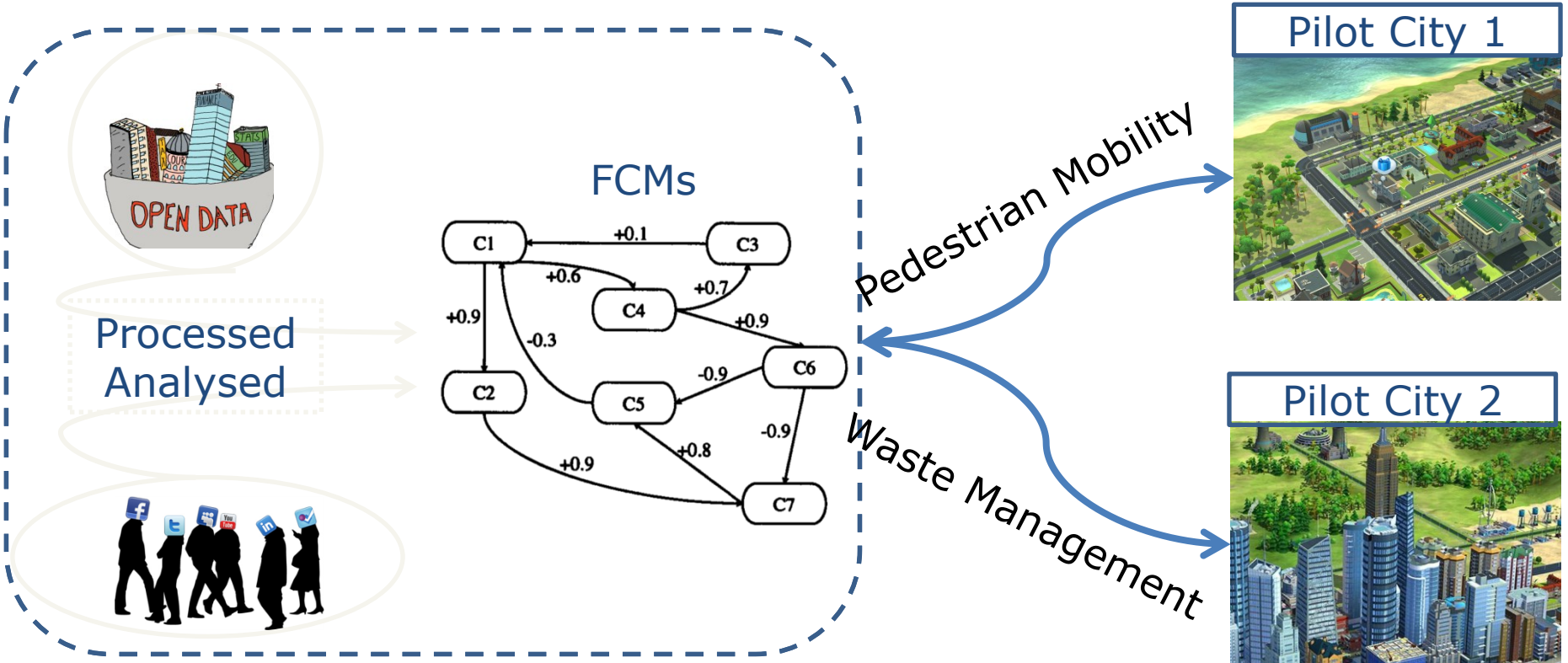


SmartGov Objectives

- **Engaging citizens in policy making** and supporting policy makers through the use of ICTs and decision support systems to serve sustainable development
- Developing a set of user-friendly tools in accordance with legal frameworks, including a **FCM-based data-integration tool**, a social media engine, advanced visualization and text analysis tools
- Developing Fuzzy Cognitive Maps as dynamic tools, which allow applying **participatory** and **collaborative** methods, as well as to visualise complex knowledge and dynamic systems



Advanced Decision Support for Smart Governance

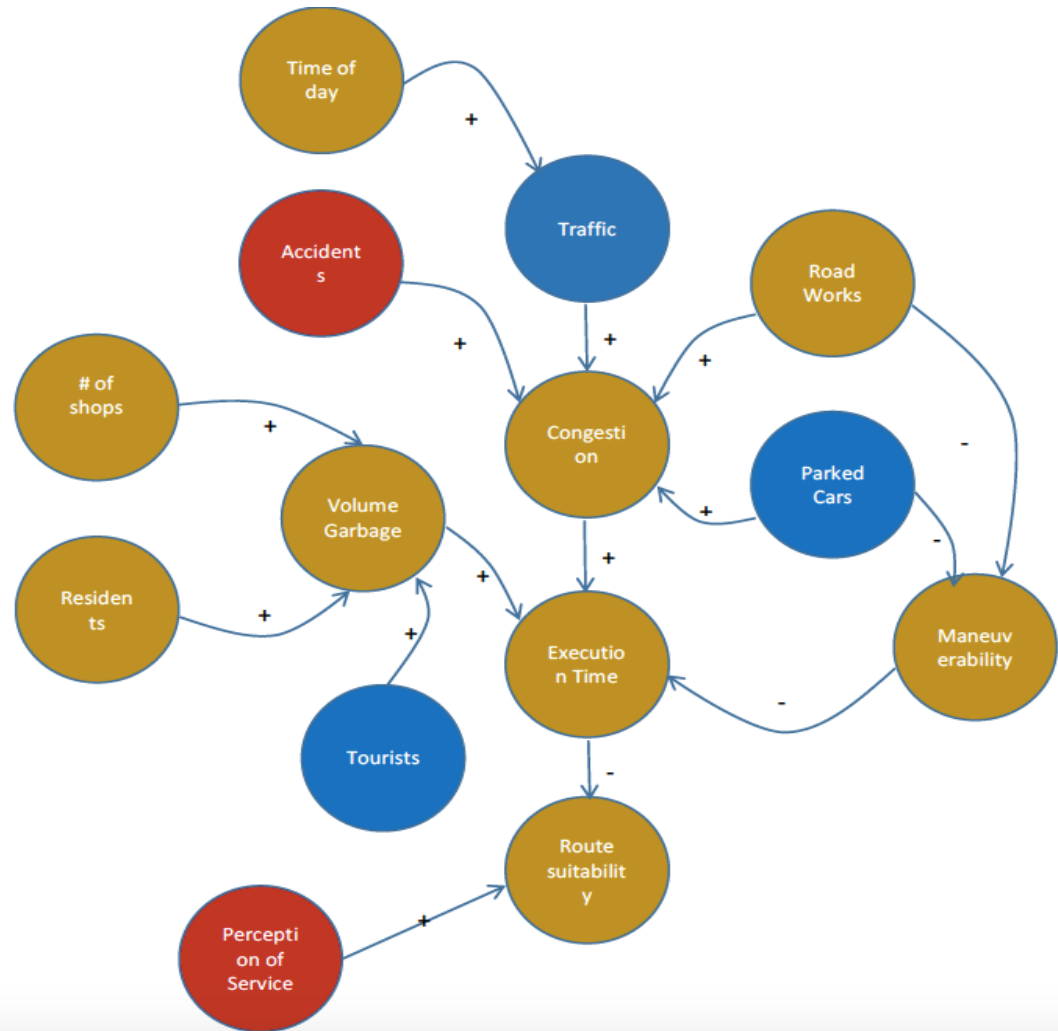


Main activities

- ✓ To design and develop FCMs software tool and its interfaces, with different forms of data sources from the pilot cities
- ✓ To implement, test and use the FCMs tools in practice
- ✓ To simulate decision scenarios for the pilot cities
- ✓ To create guidelines and training material on how to use the tool in practice



Limassol Municipality



Introduction

Digital Governance

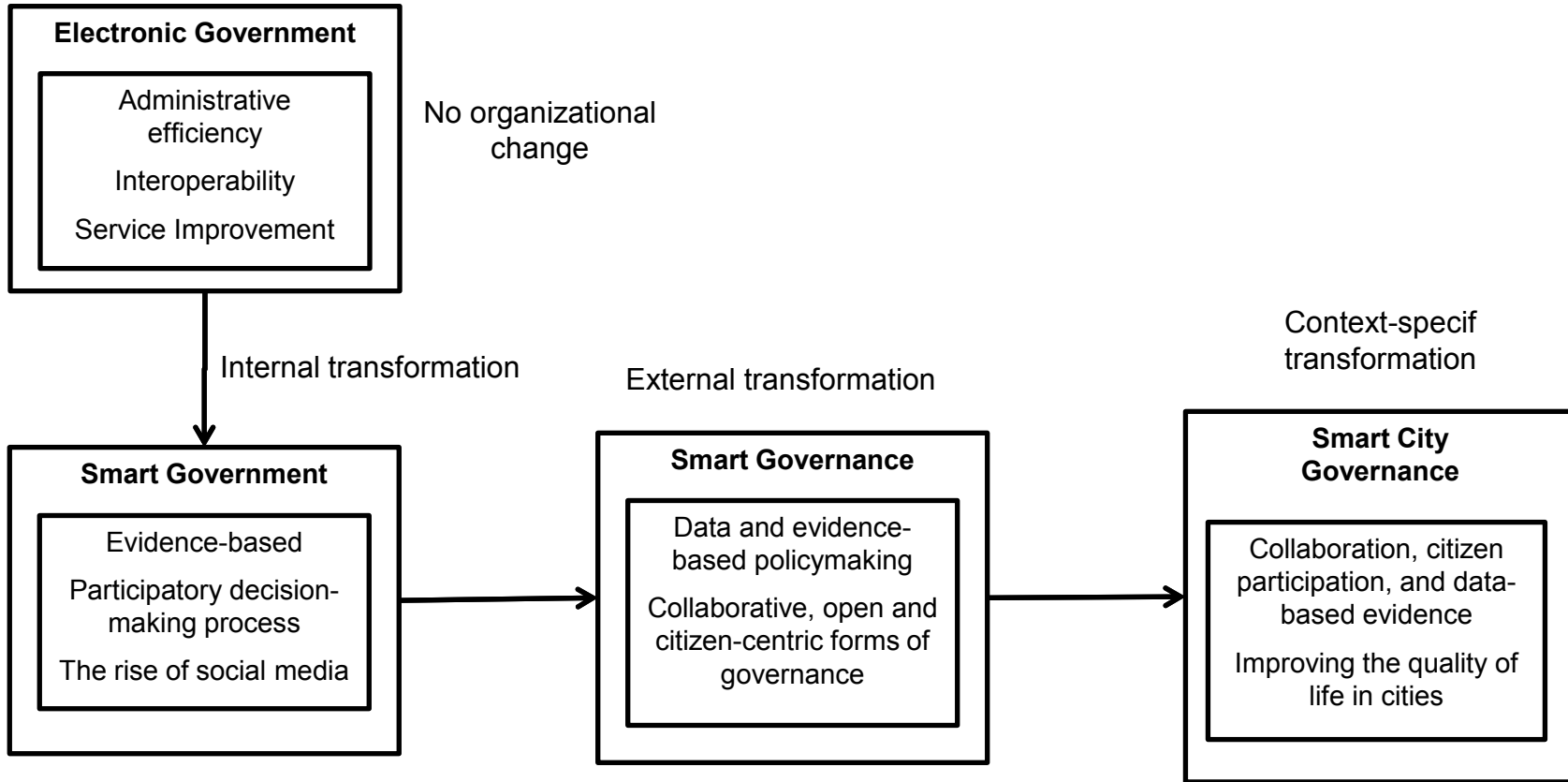
- The use and application of digital technologies to frame the **relationship** among government and the civil society and related interaction process

Sustainable governance

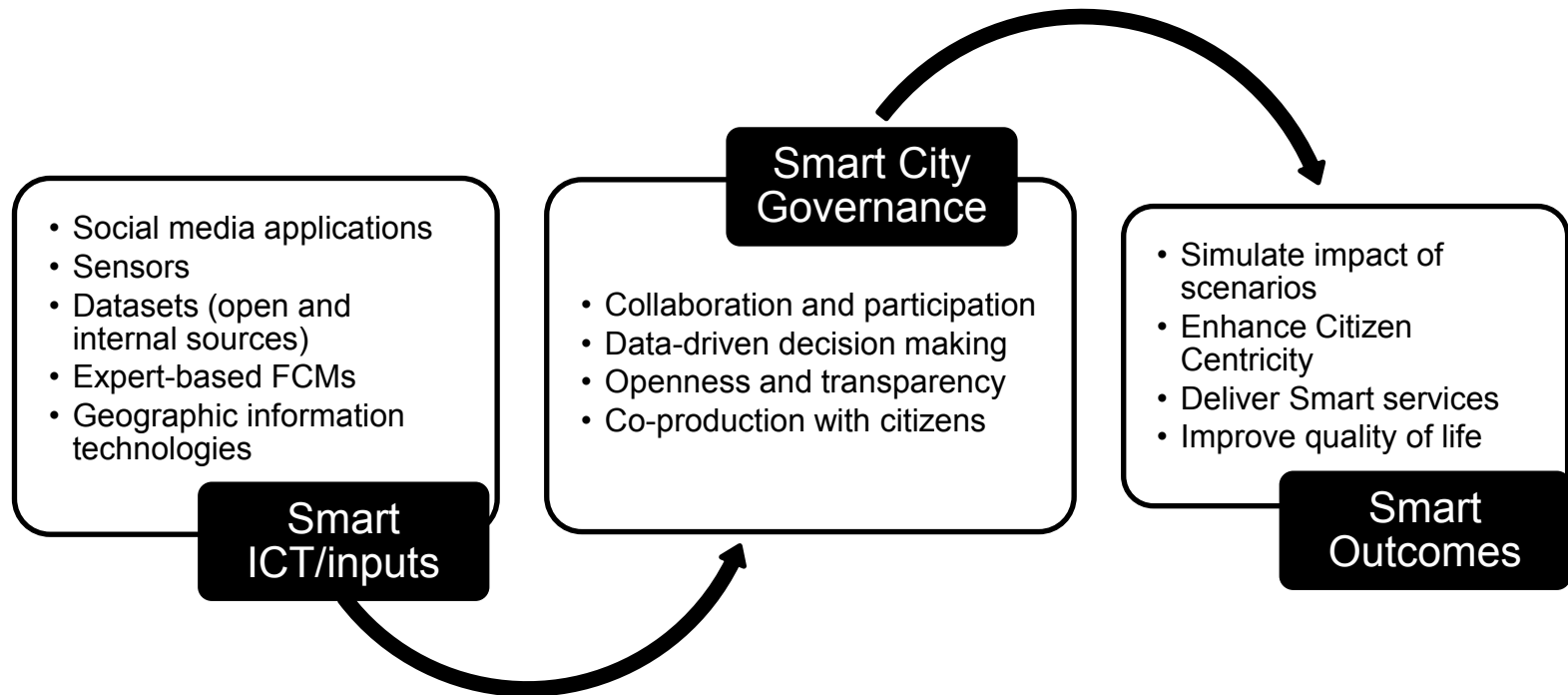
- Relationships and process that are **transparent**, **accountable** and **participatory**, and which allow the perspectives, needs and rights of all citizens to be addressed



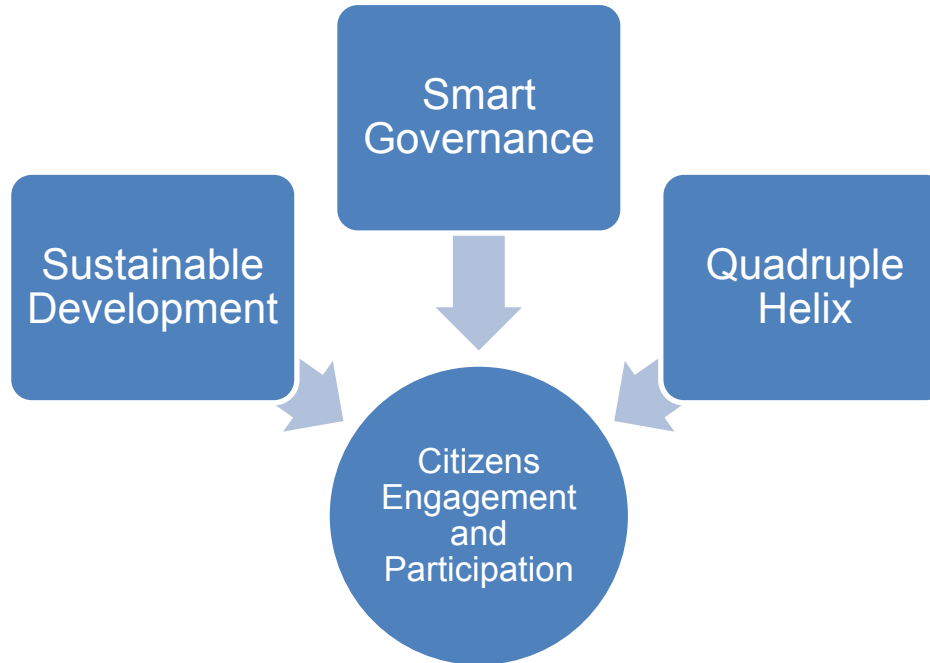
Smart Governance evolution



Smart City Governance



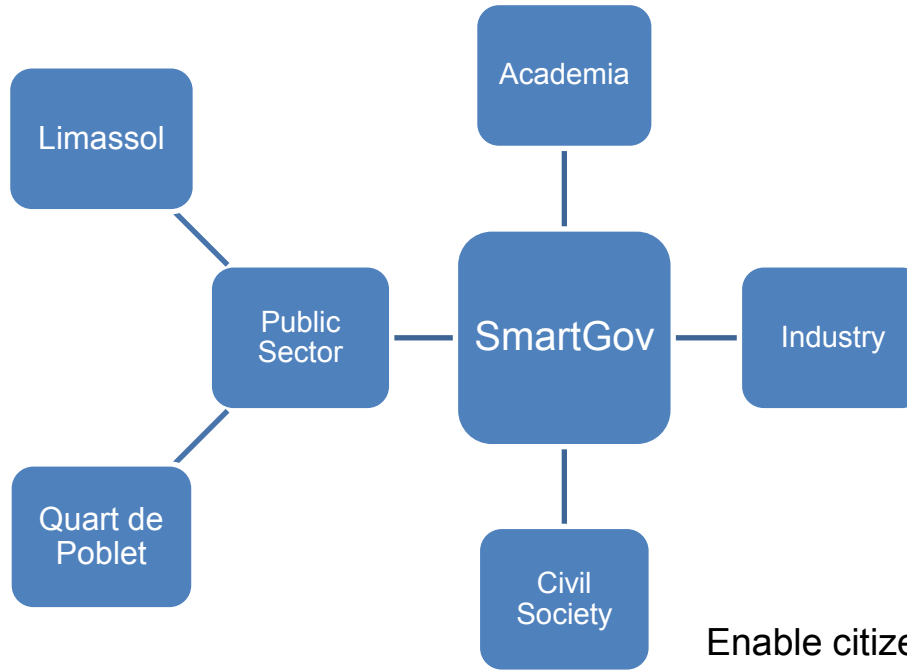
Relation between concepts



Quadruple helix partnership

Joint forces

Knowledge transfer



Monitoring and evaluation

Training needs

Ecosystem of Innovation

Shared experiences

Enable citizen involvement



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