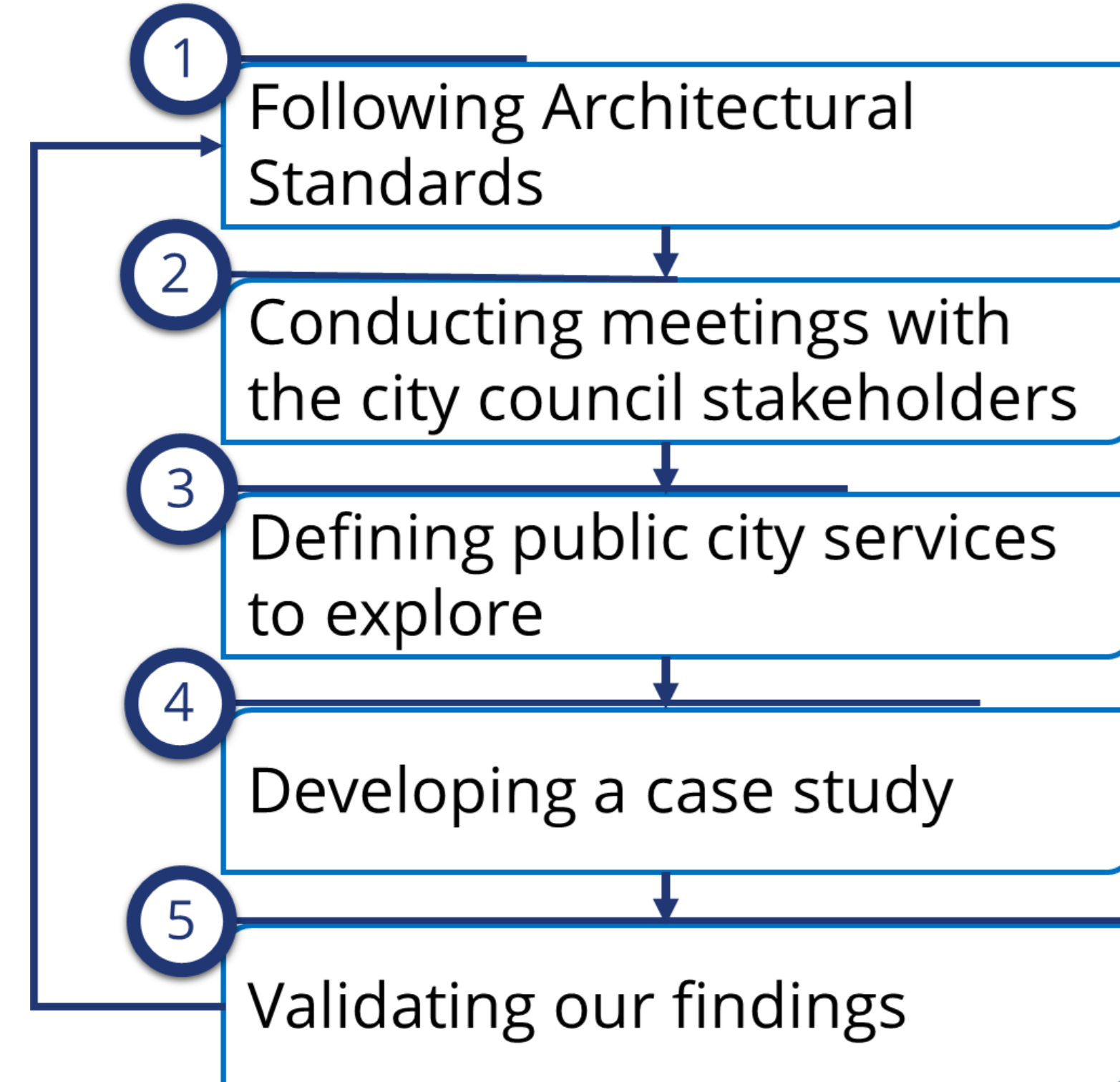


**Title: An ArchiMate Extension for Modelling the Alignment of the Service and Information Layers in Smart City Architectures**

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**INTRO**  
Today's digital transformation and innovation of public services brings new challenges to achieve the city goals and objectives and provide the desired services to the citizens

**METHODS**  
This research follows Design Science Research methodology (DSR). We conduct Case Studies in Limerick City and Netanya Municipality:



- RESULTS**
- ✓ TOGAF applicability assessment using ArchiMate (Case Study – Limerick, Ireland)
  - ✓ Identification of the design principles
  - ✓ Requirements for design of the ArchiMate Extension
  - ✓ Definition of architecture concepts and relationships between them
  - ✓ Architecture Design of a Waste Management Service (Case Study - Netanya, Israel)

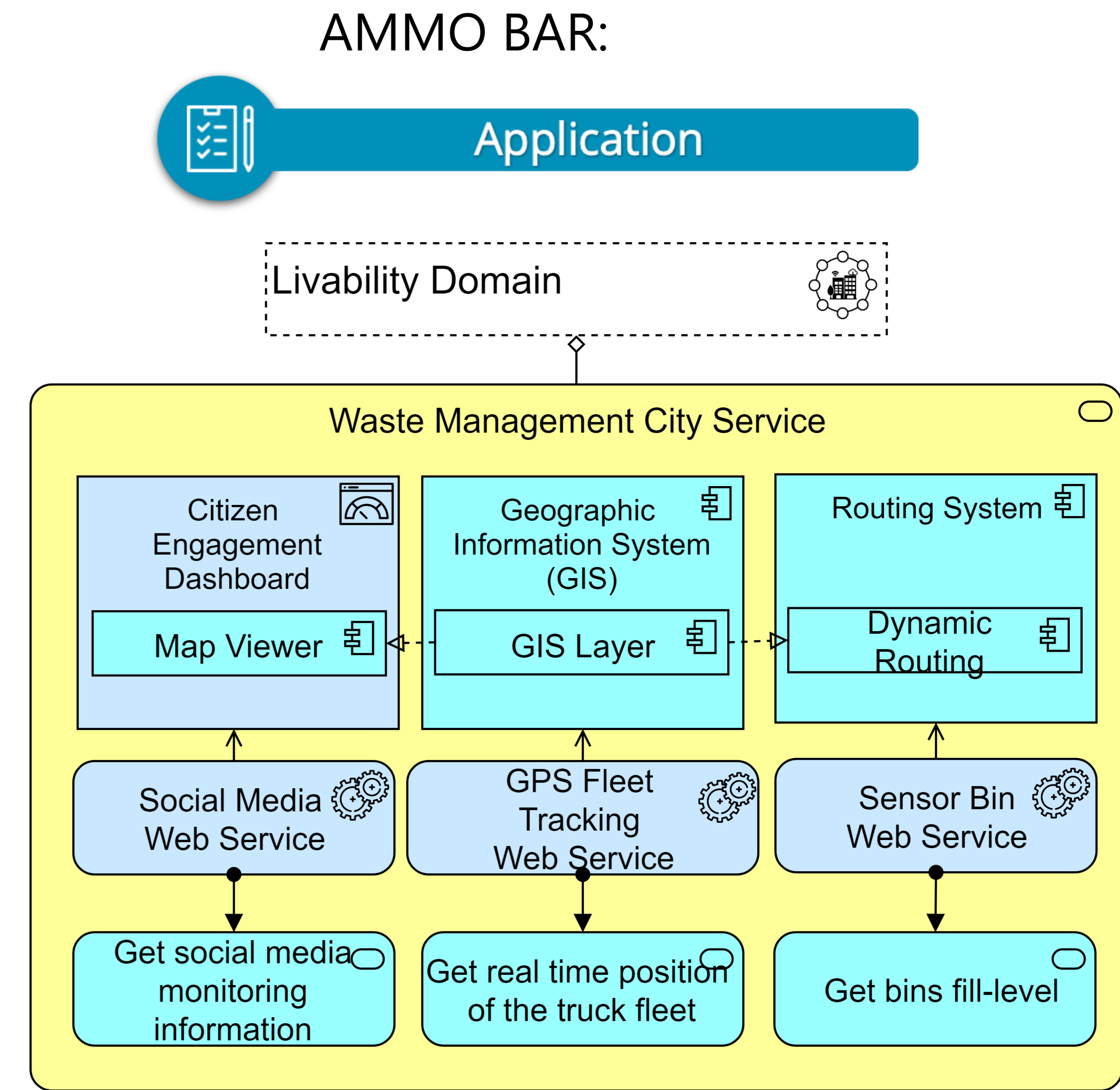
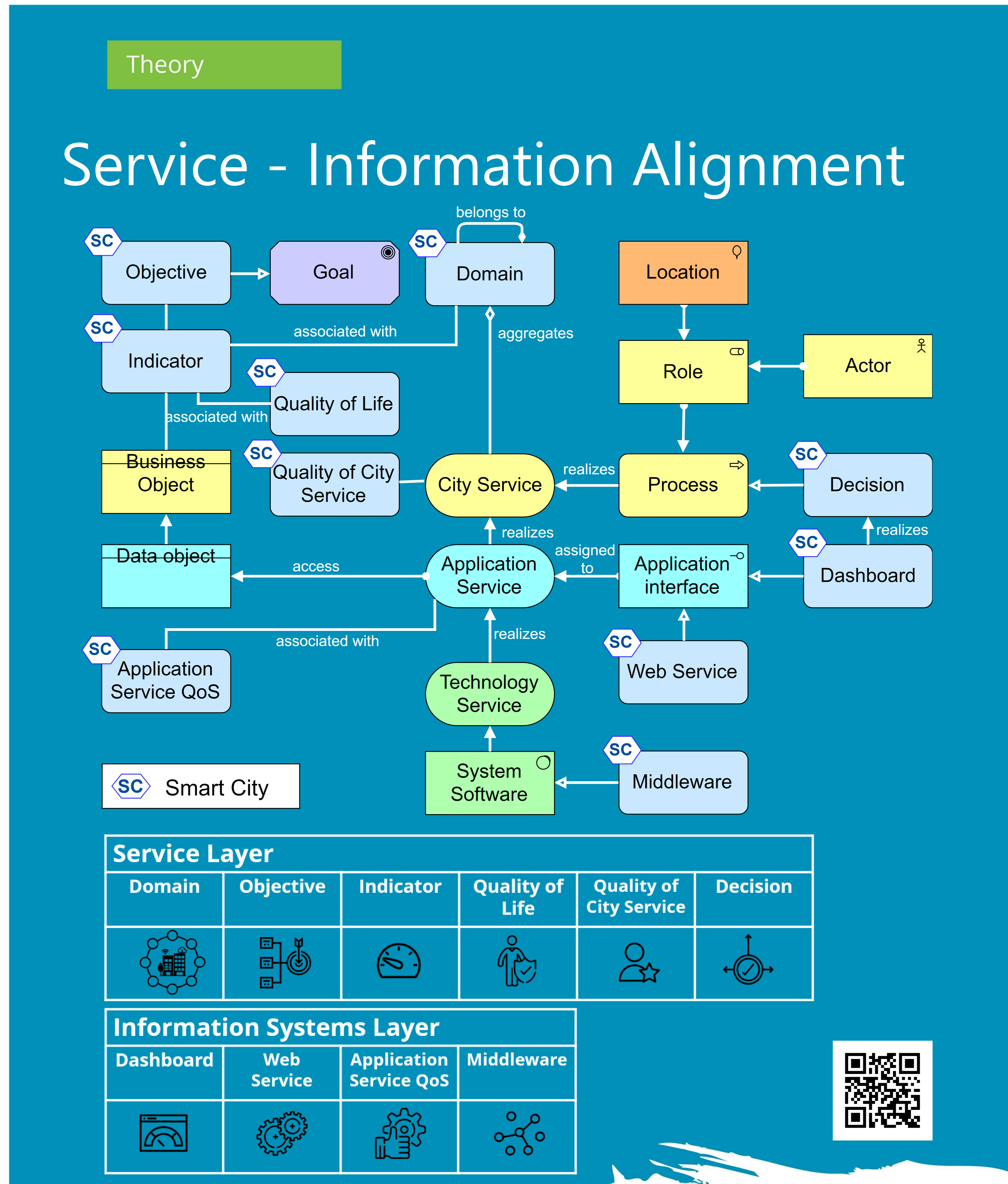
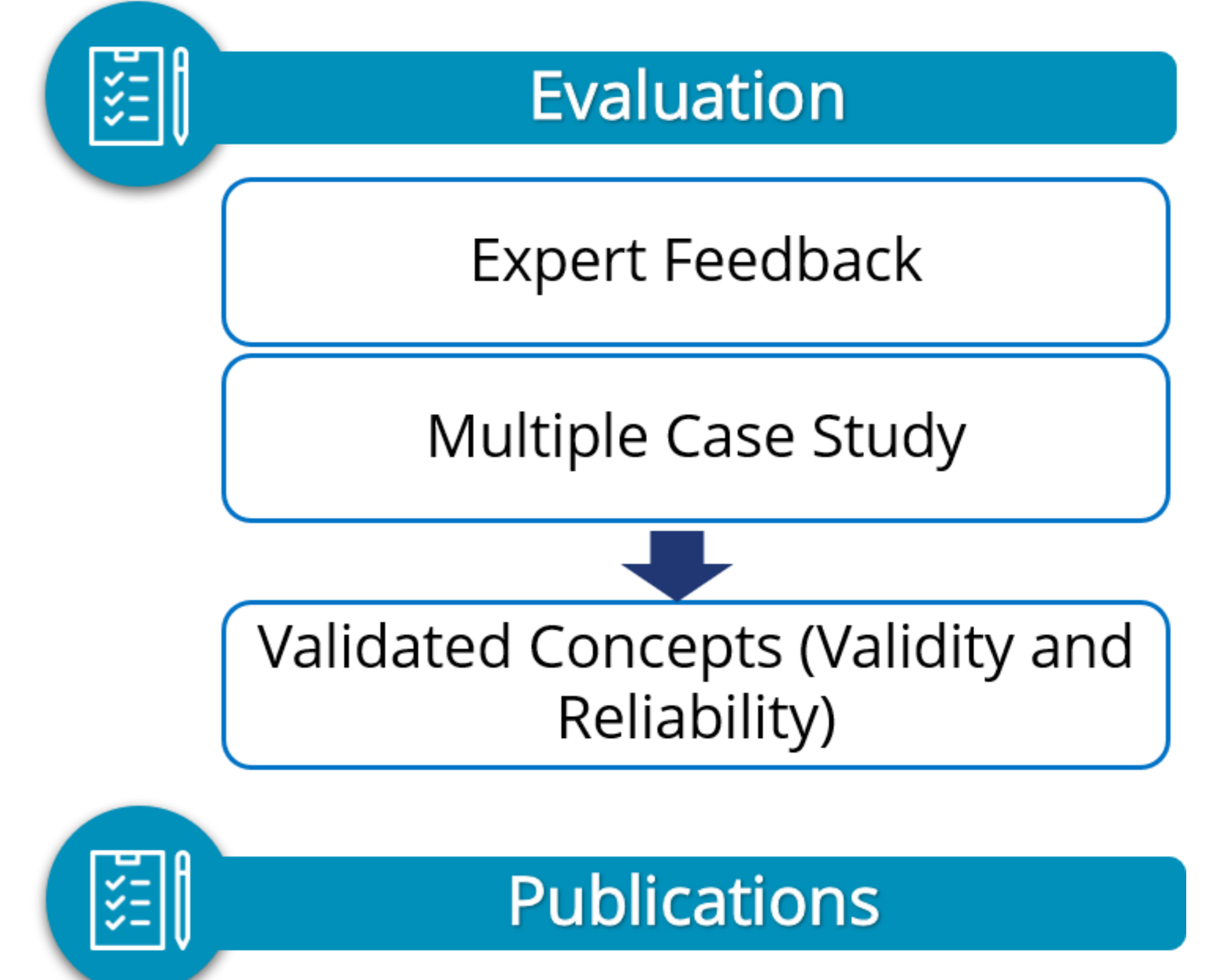


Fig. Waste Management City Service Realization - Sample



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