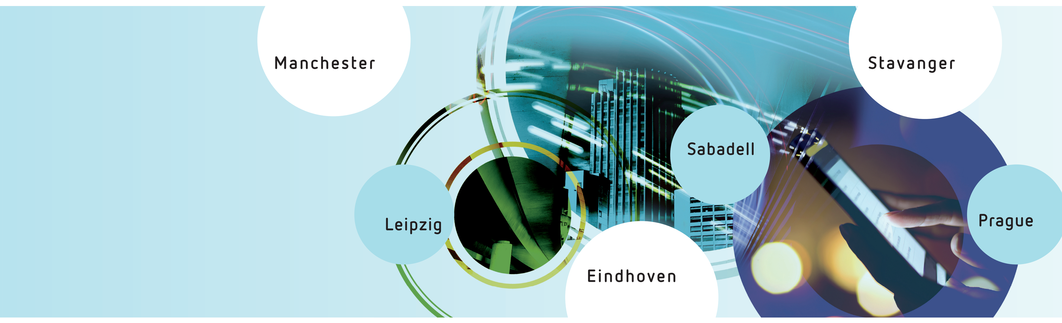
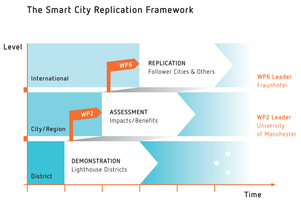


triangulum

DEMONSTRATE·DISSEMINATE·REPLICATE

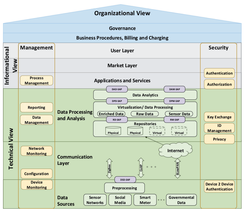
REPLICATION

Fraunhofer FOKUS · Fraunhofer IAO · Universität Stuttgart · IPR Praha · Ajuntament de Sabadell · Stadt Leipzig

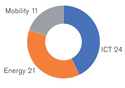


Three Phases of Triangulum
(Credits: Fraunhofer / Andreas Jung)

Smart City Replication Framework
(Credits: Fraunhofer / Andreas Jung)



ICT Reference Architecture
(Credits: Fraunhofer FOKUS)



Use cases
per sector

Use Cases per
Lighthouse City

1. Demonstration: Demonstration projects in the Lighthouse Cities help to showcase how public and private partners can collaborate to create solutions that make cities better places to live.

2. Assessment: Triangulum assesses the demonstration projects to generate a robust evidence base describing their impacts and benefits.

3. Replication: Triangulum develops a business model based upon the value of these benefits that enables their replication without public funding in the Follower Cities and beyond.

Main objectives of the Smart City Framework

- Streamline ICT integration of the three Lighthouse Cities to speed up planning and implementation.
- Design a replication framework and a decision-making tool for Smart City project development and implementation.
- Apply parts of this framework to accelerate the replication process in Follower Cities and beyond.

The replication process is structured in two ways

- A customer centric approach supporting the Implementation Strategies of the Follower Cities.
- A technology transfer approach that allows replication by cities and other partners.

ICT Reference Architecture

Aim:

- Provide a unified view and understanding of ICT strategies
- Identify interfaces between ICT components
- Enable exchange and interoperability of components/solutions
- Enable the replication of Smart City concepts between cities

Replication Tool

Aim:

to foster replication of the Use Cases by enabling cities to find relevant Smart City Use Cases from Triangulum that fit their needs.

Information included:

- Description, location, time taken for planning and implementation, public participation model, business model details, stakeholders, etc.
- Additional insights gained from implementation like lessons learned and supporting factors

Website
www.triangulum-project.eu

YouTube · LinkedIn

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