



Sustainable cities: A KPI-driven sustainable evaluation framework for Smart Cities

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CENTRE] **CARTIF**

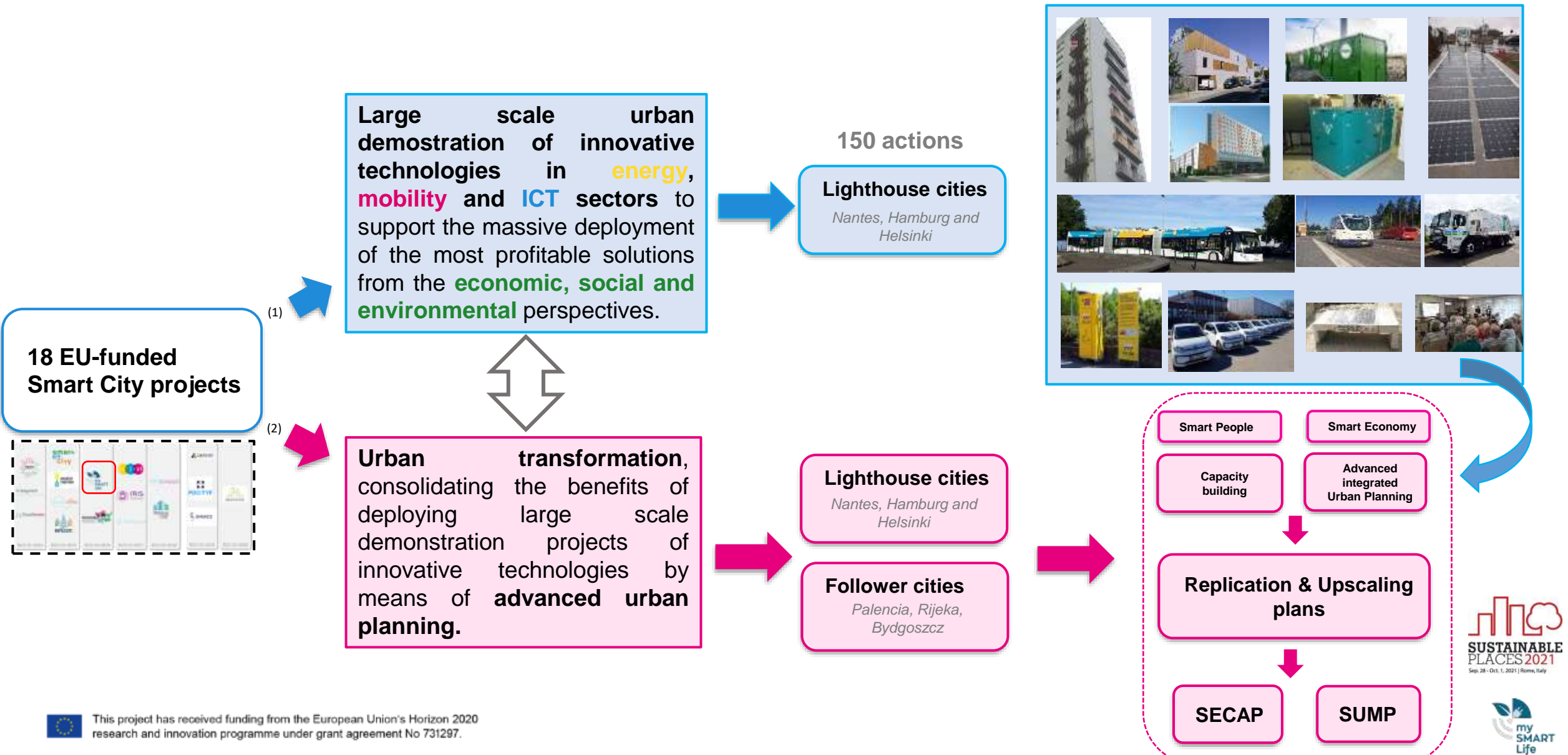
Ana Quijano



- mySMARTLife in a nutshell
- KPI-driven evaluation strategy
- mySMARTLife evaluation framework
- Conclusions



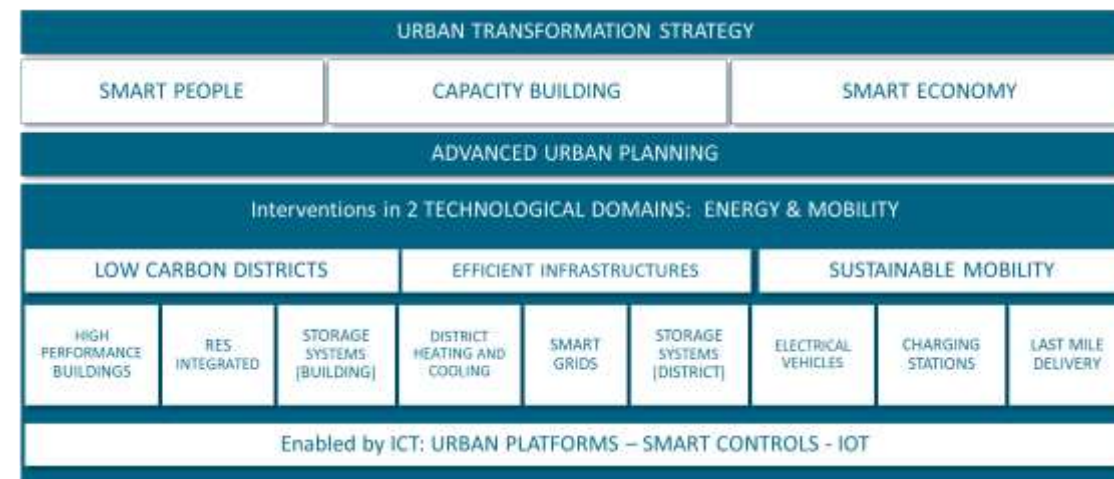
mySMARTLife in a nutshell



- **Project timeline:** December 2016- November 2021
- **Budget:** 21 M€
- **Coordinator:** CARTIF



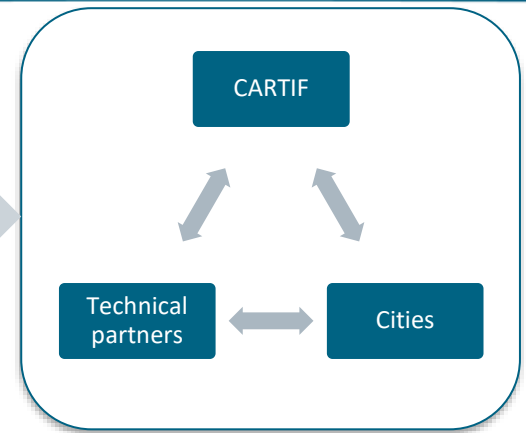
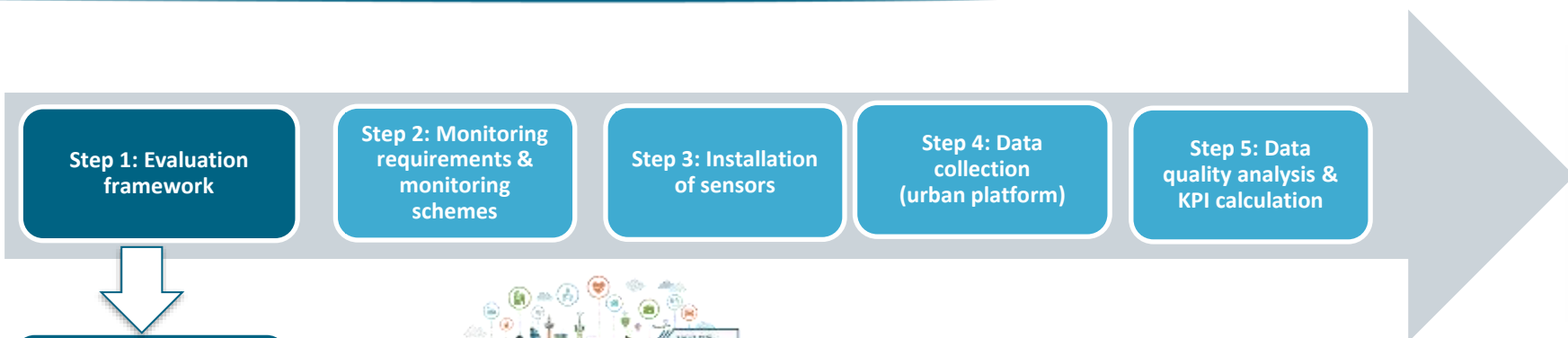
Partners



Solutions



KPI-driven evaluation strategy



Step 1: Evaluation framework

Identification of objectives of evaluation

Identification of indicators

Description of indicators

Description of methods of evaluation



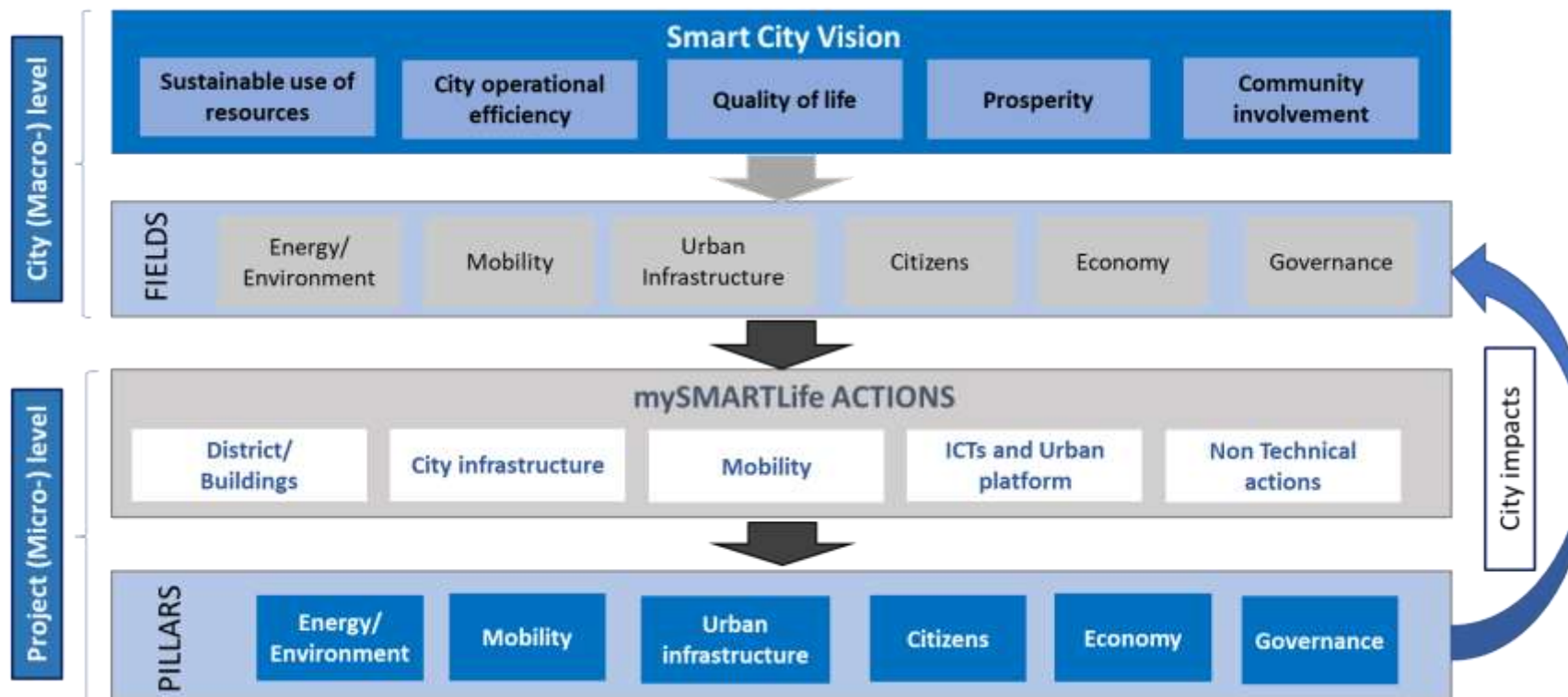
Definition & Unit Calculation Data source



Main features

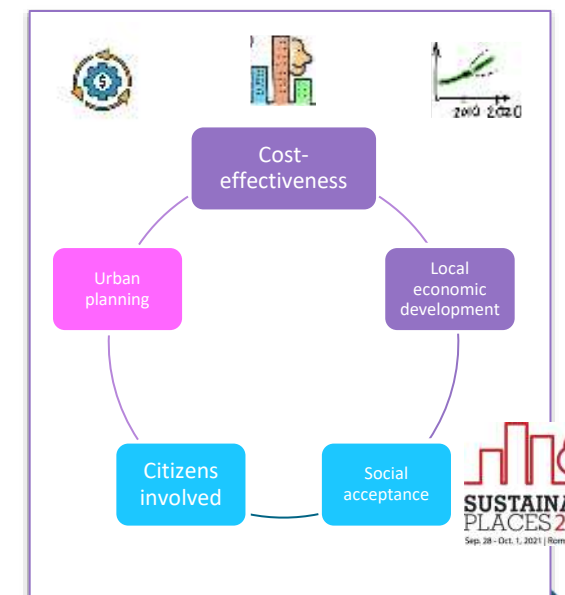
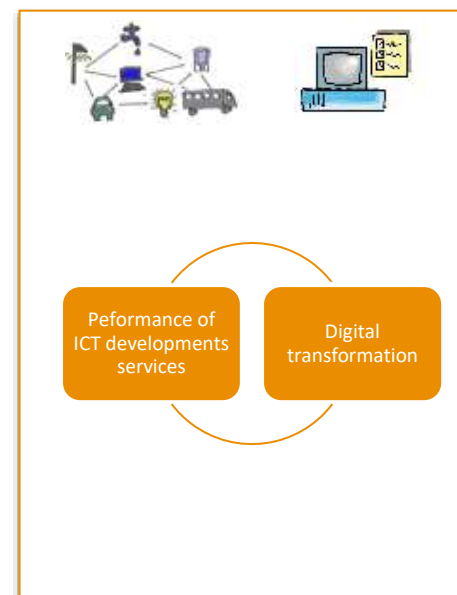
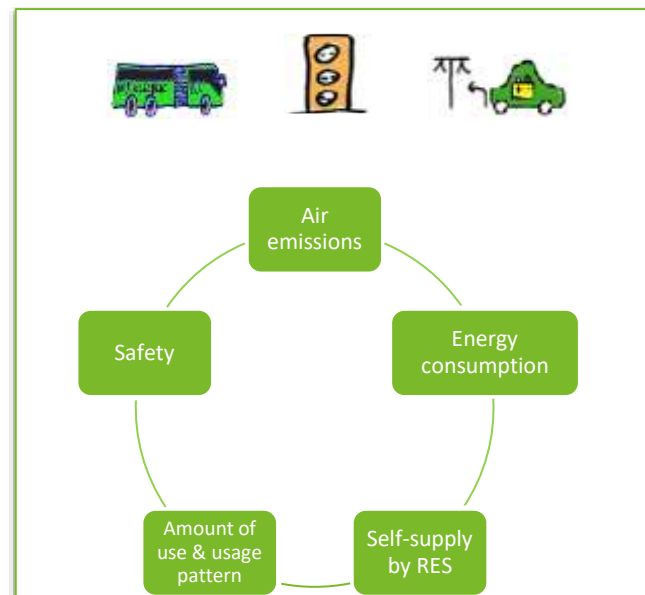
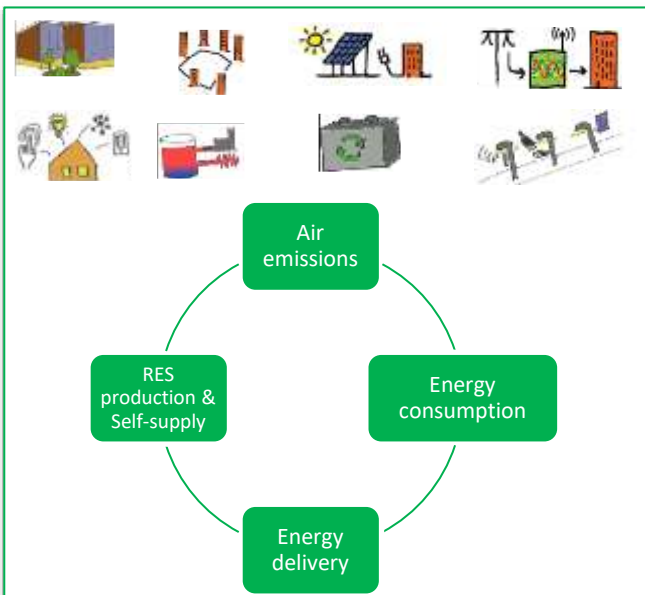
“Holistic approach” to measure the impacts due to mySMARTLife actions

“Twofold scope” Smart City Project and Smart City levels



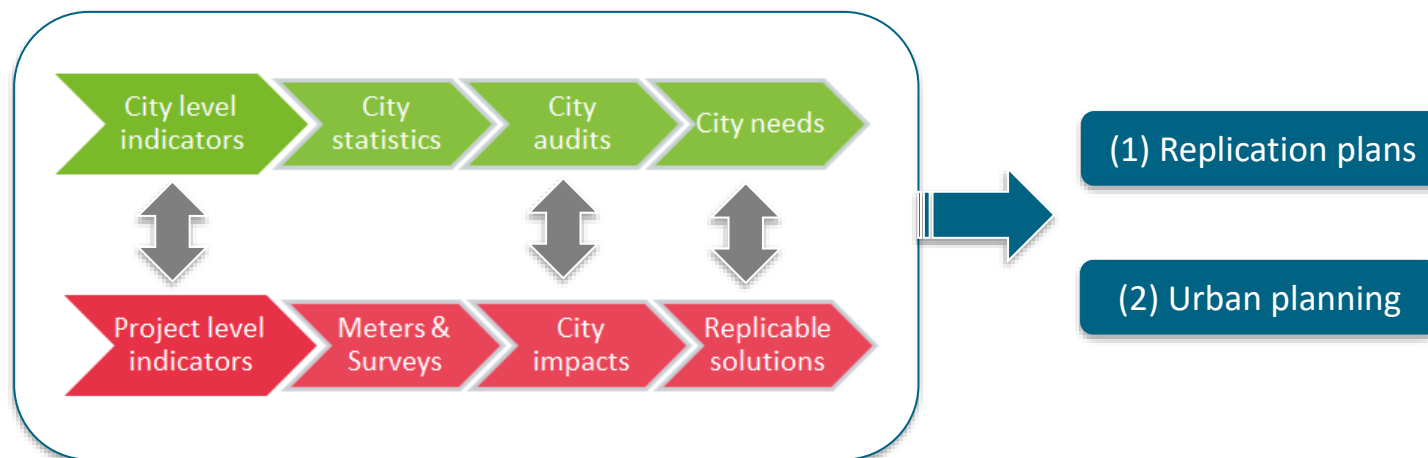
mySMARTLife evaluation framework

MONITORING



mySMARTLife evaluation framework

	City level evaluation framework	Project level evaluation framework
Energy & Environmental	56	32
Mobility	22	51
Urban infrastructure	20	11
Citizens	16	22
Economy	16	5
Governance	15	7
TOTAL	151	128



Evaluation framework:

- Holistic framework to evaluate performance and impacts of smart city solutions
- Twofold scope: city and demo area levels
- Evaluation framework validated in three European Cities

Challenges:

- To develop a common set of KPIs and assessment methodologies



Thank you for your attention!

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www.mysmartlife.eu

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