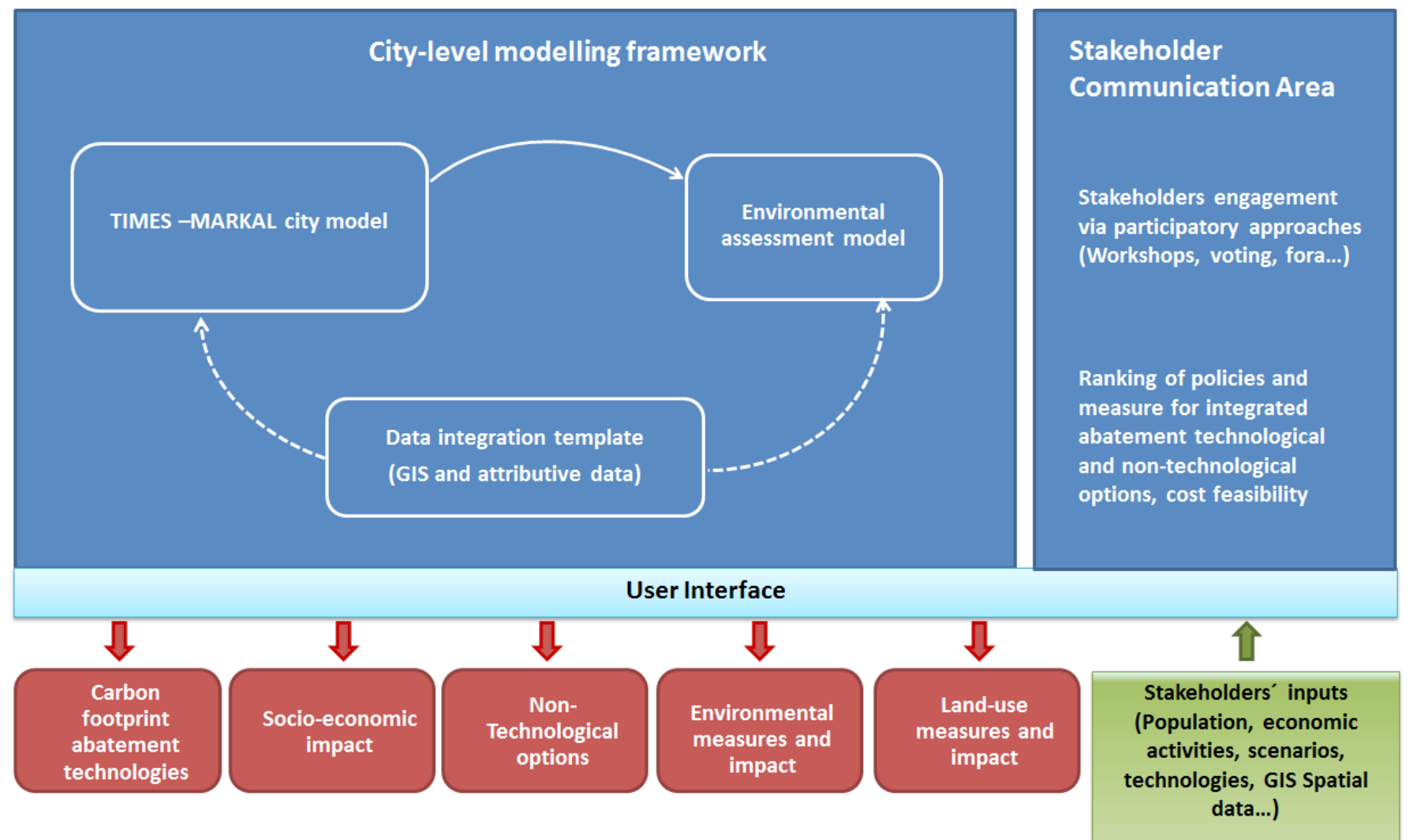


SURECITY

SURECITY's mission is to support smart city level integration of policies and measures towards a low carbon energy system including mobility services keeping the sustainability goals on air quality, sustainable land-use, efficient water use, job creation and improved governance.

This is done by a software platform which bridges the scientific models to perform a holistic and optimal design of local energy and emission abatement strategies in the medium- and long-term for neighborhoods and cities and the end users of this information, e.g. politicians, citizens and companies, assessing the social, technological and economic impact of measures in all major economic sectors.



Aim/objective

Implementation of a transparent and user-friendly software platform to support development, implementation and monitoring of city level policies and measures towards a low carbon energy system.

Approaches/methods

- Integration of TIMES-MARKAL software, IVL environmental assessment model and data model templates
- Assessment mid-/long-term cost-efficient pathways to achieve environmental and energy targets
- Visualization features and communication

Expected results and impacts

- Results: integrated software platform for policy support and measures for the promotion of low-carbon, sustainable energy and transport
- Impact: Increase of city sustainability, new business opportunities, engagement of city actors

Involved cities

- City of Almada
- City of Malmö
- City of Judenburg

Surecity – Sustainable and resource efficient cities – holistic simulation and optimization for smart cities
Duration: 2016–2019
Internet: www.jpi-urbaneurope.eu
Contact: Dr. DI Nicolas Pardo Garcia, AIT Austrian Institute of Technology
E-mail: nicolas.pardo-garcia@ait.ac.at
Budget: 1.319.491 EUR
Partners: AIT Austrian Institute of Technology, City of Malmö, Luleå University of Technology, IVL Swedish Environmental Research Institute, 3Drivers, Styrian Energy Agency, City of Judenburg, Municipality of Almada

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

www.jpi-urbaneurope.eu  @jpiurbaneurope

