

UPDATE ON ONGOING

SMART CITIES

PROGRAMME SCREENING

AIMS AND OBJECTIVES

- Knowledge exchange at MS and AS level regarding programmes
- Identify interests and position of individual MS+AS regarding Smart Cities themes and instruments
- Create the foundation for more efficient and coherent transnational funding activities on MS+AS level for Smart Cities projects

REQUESTED INFORMATION

- Relevant funding programmes and their budget
- Thematic areas covered by the programmes
- Funded activities
- Involvement of stakeholders
- a.s.o.

THEMATIC AREAS

Thematic areas:

Urban Energy Planning	Energy Networks	Buildings	Energy supply technologies	Urban mobility and public transport
<ul style="list-style-type: none"> ■ Innovation processes for city transformation ■ City-wide Energy data monitoring/managament/analysis ■ Decision tools for city roadmaps/action plans/strategies □ Detailed dynamic energy flow simulations ■ Interface to urban/spatial/transport planning ■ Living lab concepts ■ Link to other relevant sustainable city aspects (waste, water, environment, climate, air pollution, socio-economic, etc.) 	<ul style="list-style-type: none"> ■ Network design + planning □ Network operation (control structures, stability, ICT, etc) □ Demand-side management and storage capacities ■ Multi-source energy management □ Integration of decentralised RES into urban energy networks □ Data monitoring/management/analysis □ Interaction with E-Mobility 	<ul style="list-style-type: none"> □ Retrofitting □ Green-field development □ Energy-efficient building design concepts □ Innovative building materials □ Building integration of RES ■ Building energy management ■ Building - grid interaction ■ Building - user interaction □ Building standards/policies/regulations 	<ul style="list-style-type: none"> □ Biomass □ Wind □ Solar energy □ Geothermal □ Hydroenergy □ On-site renewables □ Integration of RES into buildings and grids □ Energy storage □ Large-scale industrial applications □ Optimised HVAC systems □ Technology Component development (materials, systems, etc..) □ Tool/model development for design and operation of smart hybrid supply systems □ Testing/monitoring infrastructure and procedures and standardisation 	<ul style="list-style-type: none"> □ Improvement of public transport systems in urban areas □ Modal split □ Passenger and freight logistics □ Non-motorised transport (walking, cycling) □ Share of alternative fuel vehicle □ Traffic concepts related to urban energy planning

A first evaluation was done to show how the different programmes cover the 5 thematic columns

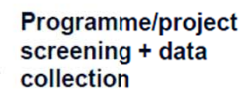
ROUGH OVERVIEW OF PROGRAMMES

		Urban Energy Planning	Energy Networks	Buildings	Energy Supply technologies	urban mobility and public transport	specifically dedicated to urban issues
FR	City of tomorrow						
FR	Digital City						
FR	Tomorrow vehicles						
FR	Smart Grids						
DE	Enn:Eff Stadt/ Enn:Eff Wärme						
CZ	City of Ostrava (project)						
FI	Green Growth						
AT	Fit4set - Smart Energy Demo						
AT	Building of the Future						
AT	New Energies 2020						
AT	ways2go						
TK	SP for Scientific and Technological Research Proj.	no thematic approach					
TK	SP for Research Projects of Public Institutions						
TK	Industry R&D Support Program (SP)						
TK	International Industry R&D Projects S P						

	More than 50% of the thematic fields are addressed
	between 25 and 50% of the thematic fields are addressed
	less than 25% of the thematic fields are addressed
	unattended



AIT
AUSTRIAN INSTITUTE
OF TECHNOLOGY



**We kindly ask you to return the
templates before 1st of March 2012**

Catrin Haider

Abteilung Energie- und Umwelttechnologien



*Bundesministerium
für Verkehr,
Innovation und Technologie*

Tel.: +43 - 1 - 71162 - 652933

E-Mail: catrin.haider@bmvit.gv.at