

PROJECT INFO

Start date 01-01-2017

End date 30-06-2019

Budget in Euro Overall: 3.791.343,41
ERDF Contribution: 2.684.885,78
IPA Contribution: 537.756,07
ENI Contribution: 0,00

Programme Interreg Danube Transnational Programme

Call number Call 1

Priority Better connected and energy responsible Danube region

Specific objective Improve energy security and energy efficiency



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PROJECT PARTNERS

	University of Zagreb Faculty of Electrical Engineering and Computing	Lead partner
	Hrvatska elektroprivreda d.d.	ERDF partner
	E 3, ENERGETIKA, EKOLOGIJA, EKONOMIJA, d.o.o.	ERDF partner
	Municipality Idrija	ERDF partner
	Elektro Primorska d.d.	ERDF partner
	European Centre for Renewable Energy Güssing Ltd.	ERDF partner
	Municipality of Strem	ERDF partner
	Energy Güssing Ltd.	ERDF partner
	University of Debrecen	ERDF partner
	E.ON Tiszántúli Áramhálózati Zrt.	ERDF partner
	University of Belgrade Faculty of Mechanical Engineering	IPA partner
	JP Elektroprivreda Hrvatske Zajednice Herceg Bosne	IPA partner
	University of Mostar Faculty of Mechanical Engineering and Computing	IPA partner
	Croatian Energy Regulatory Agency	Associated strategic partner
	Jožef Stefan Institute	Associated strategic partner
	Goriška Local Energy Agency	Associated strategic partner
	Regulatory Commission for Energy in Federation of Bosnia and Herzegovina	Associated strategic partner
	Hungarian Energy and Public Utility Regulatory Authority	Associated strategic partner



3Smart Smart Building Smart Grid Smart City

Project co-funded by the European Union



THE MAIN GOAL OF 3SMART

To provide a technological and legislative setup for cross-spanning energy management of buildings, energy grids and major city infrastructures in the Danube region. This includes the development of a modular platform for coordinated building and distribution grid energy management. The developed platform will be installed on 5 pilot locations in 5 countries (Croatia, Slovenia, Austria, Hungary and Bosnia and Herzegovina) and comprehensive cost-benefit analysis will be performed to verify the platform's performance.

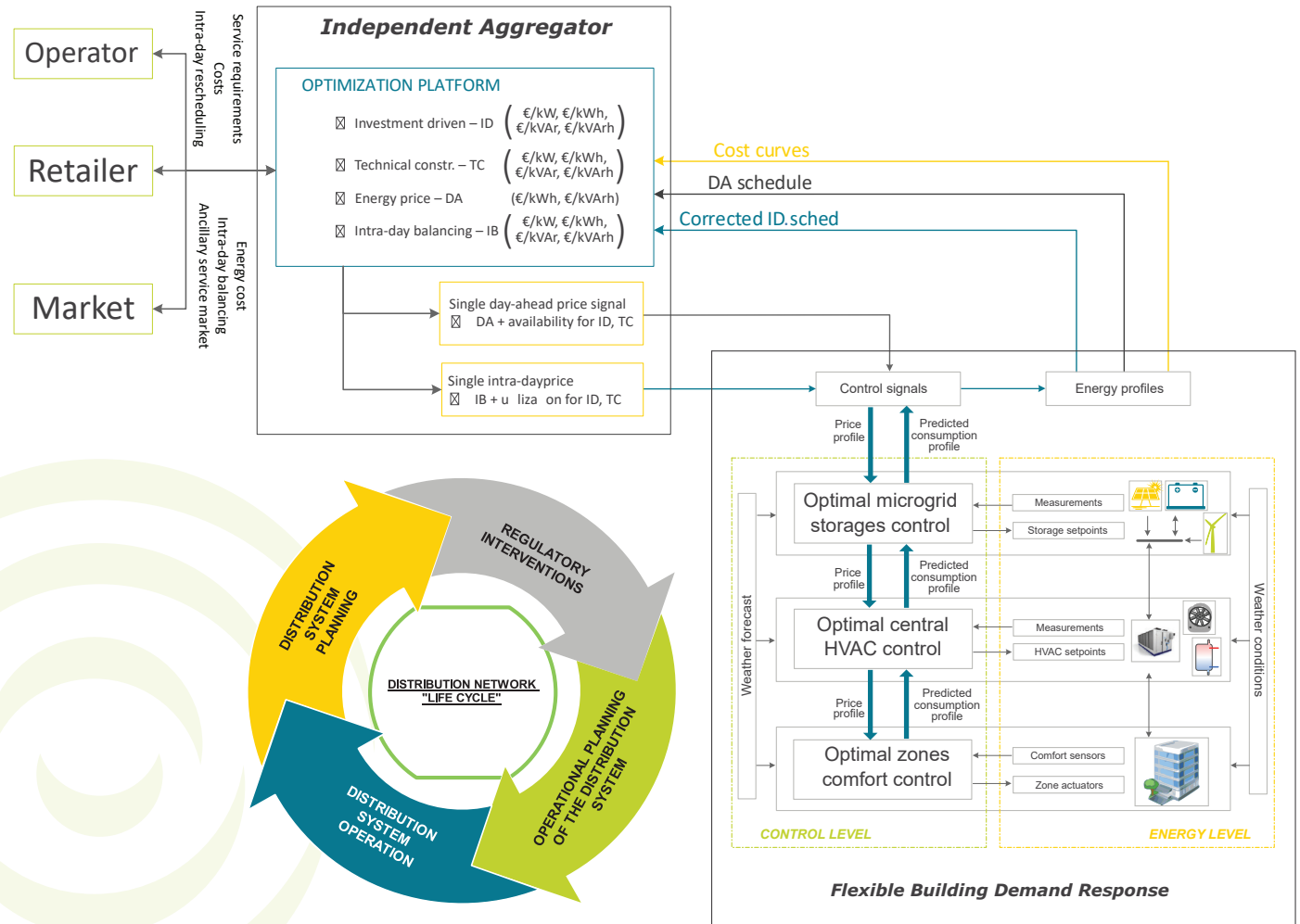
3SMART VISION

In this way 3Smart will enable economically optimal interoperation of energy efficiency measures and renewable energy sources in buildings, and will motivate installation of distributed storages to improve energy security in the Danube region.

INNOVATION BROUGHT WITH 3SMART

Major innovative moment is in vertical two-way synchronization through all the platform modules via simple interfaces to attain optimal operation of the buildings and the grid, and easy modules add-on to the existing systems.

THE CONCEPTUAL OUTLOOK OF THE 3SMART PLATFORM



PROJECT OUTPUTS

Modular software tool for energy management on building and distribution grid side

Five pilot actions in different DR countries including buildings and grids with intersected technology/regulatory setups

Strategy to enable city-wide energy management at the regulatory level in the DR