


Event:
Date:
Place:

ENERGY in BUILDINGS 2019
Saturday 28.09.2019
Athens, Hellas



#	Tasos Tsitsanis	
Title:		
email:	tasos@suite5.eu	•
Presentation title:	EXCESS (Energy fleXible user-Centric poSitive houseS) H2020 Project	
<p>The EXCESS project builds up on nearly-zero energy multi-storey building (consumption below primary energy threshold) residential concepts of the main 4 EU climatic zones towards Energy fleXible user-Centric poSitive houseS (EXCESS). EXCESS defines a positive energy building (PEB) as a building that produces more energy than they use, with high RES self-consumption rate (instead of using the grid for solving seasonal balancing issues) over a time span of one year. RES and smart technologies exist, but complete packages for different climates do not.</p> <p>Important technical developments for plus energy building materials and other individual technologies are required to address specific climate related needs in order to meet the PEB level; especially in harsh climates. Integration is needed for upgrading single technologies to be part of a large orchestra enabling also user-context-aware energy flexible services between utilities and customers (selling flexibility). These will unlock additional revenue streams that reduce the lifetime cost of the developed PEB solutions, making them affordable also large portion of the society. Thus, EXCESS will advance new materials, technologies and integrated technological systems (TRL5-7) promoting a user centric approach (building tenants), capitalized on new ICT opportunities, for optimizing the interplay of local generation, storage, consumption at the building and district level. The demonstration activities in each of the climatic zones (Austria, Belgium, Finland and Spain) will be accompanied by co-innovation, replication and exploitation activities to maximize the project technical, social and economic impact and to prepare for a future market roll out of the PEB concept by also scouting energy efficiency funding opportunities.</p>		

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Short CV:	
<p>Mr. Tasos Tsitsanis (male) is an Electrical and Computer Engineer, holding an MSc in the field of Energy and Environmental Management. Mr. Tsitsanis has great experience, acting as consultant and project manager, in several Greek and EU projects in the field of energy efficiency in buildings, energy security of supply and demand side management/ active demand response. He currently holds the position of the Business Development Director in Suite5 Data Intelligence Solutions Limited. He has participated as project manager and team member in several energy related projects such as FP7-ADAPT4EE], FP7-INERTIA, FP7-BESOS, FP7-OS4ES, H2020-NOBELGRID, H2020-WiseGRID, H2020-Heat4Cool, H2020-AEGIS, H2020-ORBEET, H2020-MOEEBIUS, H2020-FLEXCoop], H2020-UTILITEE], H2020-MERLON, H2020-BIM4EEB, H2020-BIMERR, H2020-HOLISDER, H2020-PANTERA, H2020-NOVICE, H2020-DRIMPAC, H2020-PLANET, H2020-MATILDA, H2020-ChildRescue. He has deep knowledge in the fields of energy and environmental management, energy saving and planning, EU energy policies, Energy market operation and economics. He has been involved in many academic and professional training activities dealing with multi criteria decision making, Business Modelling, Energy Services Provision with the use of ICT, etc. He has also over 20 publications in international journals and conferences and three book chapters in IGI-Global Editions</p>	
CV:	
<p>EDUCATION AND TRAINING 2004-2005 National Technical University of Athens MSc, Energy Generation and Management 2007-2010 National Technical University of Athens MSc, Electrical and Computer Engineering</p> <p>WORK EXPERIENCE 2018 – today Suite5 Data Intelligence Solutions Limited Business Development Director</p> <p>2010 – 2018 HYPERTECH SA Business Development Manager</p> <p>2004-2010 National Technical University of Athens Researcher – Project Manager</p> <p>INDICATIVE PUBLICATIONS Konstantinos Tzanidakis, Christos Malavazos, Kostas Tsatsakis, Antonis Papanikolaou, Tasos Tsitsanis, Brendan O'Flynn: Optimized Consumer-Centric Demand Response. GloTS 2018: 1-6</p> <p>Konstantinos Tsatsakis, Anastasios Tsitsanis, Christos Malavazos: Enhanced human-centric building energy performance rating: Operational rating and behavioral change in the scope of OrbEEt project. GloTS 2017: 1-6</p> <p>Katerina Papantoniou, Marios-Lazaros Athanasiadis, Irimi Fundulaki, Christos Georgis, Yannis Stavrakas, Michalis Troullinos, Anastasios Tsitsanis: Leveraging Web 2.0 for Informed Real-Estate Services. EGC 2015: 425-436</p> <p>George Anadiotis, E. Hatzoplaki, Konstantinos Tsatsakis, Tasos Tsitsanis: A Data Model for Energy Decision Support Systems for Smart Cities - The Case of BESOS Common Information Model. SMARTGREENS 2015: 51-59</p>	