

BIGG Final Event: Data aggregation and harmonization for a sustainable built environment

November 24th, from 10h00 to 12h30 CET

Online, register [here](#)



The BIGG project is pleased to invite you to its Final Event – “*Data aggregation and harmonization for a sustainable built environment*” that will be held online next November 24th, from 10h00 to 12h30 CET.

The [EU-funded project BIGG](#) aimed at demonstrating the application of big data technologies and data analytic techniques for the complete buildings life-cycle of more than 4000 buildings in 6 large-scale pilot test-beds. This event will conclude 3 years of work on the project, in which the main outputs of the project will be presented.

The six business cases will be introduced: the technical solution proposed will be presented, together with some results and the analysis of each solution, with the aim of understanding how BIGG has helped with the challenges found.

Furthermore, proper implementation of new technologies on big data needs standardization of input data coming from different sources. The uniqueness of the BIGG concept lies in its creation and utilization of a distinctive Ontology. This Ontology is designed to facilitate semantic interoperability of data and empower big data analytics within buildings. Thus, a session will be dedicated to explore the aim, advantages and key components of the harmonization layer of BIGG; as well as to discuss the different ontologies developed within other 3 projects: ENERGATE, DigiBUILD and MODERATE.

To conclude, the 3 innovative LIFE projects InEExS, AUDIT-TO-MEASURE and EU-MORE will be introduced. These projects take part in the #SmartEnergyCluster together with BIGG and other projects with the common objective of achieving a sustainable and efficient energy system.

Register to the event [here](#).

The full programme of the event is the following:

10:00 – 10:05	Welcome & Introduction	María Pérez Ortega (Inetum)
10:05 – 10:15	Opening by the European Commission	Eleftherios Bourdakis (EC, CINEA)
10:15 – 10:30	Introduction to BIGG project and its objectives	María Pérez Ortega (Inetum), Nicolas Pastorelly (CSTB)
10:30 – 11:15	Introduction to BIGG Business Cases	Moderated by:
	<p>Business Case 1 <i>by Oriol Escursell (ICAEN)</i></p> <p>Business Case 2 & 3 <i>by Jordi Carbonell (CIMNE)</i></p> <p>Business Case 4 & 5 <i>by Antony Uhlmann (Helexia France)</i></p> <p>Business Case 6 <i>by Athanasios Papakonstantinou (HERON) and Stratos Keranidis (DOMX)</i></p> <p>Q&A</p>	Nerea Gómez (ECTP)
11:15 – 11:25	Coffee break	
11:25 – 12:00	Ontology and AI Toolbox	Moderated by:
	<p>The BIGG Ontology and AI Toolbox <i>by Edgar Alexis (CIMNE) and Sampath Mukherjee (Inetum)</i></p> <p>Open discussion with:</p> <ul style="list-style-type: none"> - ENERGATE, <i>Katerina Papapostolou (NTUA)</i> - DigiBUILD, <i>Dimitrios Rovas (UCL)</i> - MODERATE, <i>Daniele Antonucci (EURAC)</i> 	Edgar Alexis (CIMNE), Sampath Mukherjee (Inetum), Guillaume Picinbono (CSTB)
12:00 – 12:25	#SmartEnergyCluster: 3 LIFE projects	Moderated by:
	<ul style="list-style-type: none"> - InEExS, <i>Ioanna Andreaoulaki (NTUA)</i> - AUDIT-TO-MEASURE, <i>Ioanna Makarouni (NTUA)</i> - EU-MORE, <i>Tomas Jezdinsky (ECI)</i> <p>Q&A</p>	Nerea Gómez (ECTP)
12:25 – 12:30	Conclusion	María Pérez Ortega (Inetum)