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ENERGY in BUILDINGS 2017
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WORKSHOP
Research and Innovation Activities in Nanotechnology
Concerning Energy Efficient Buildings

 http://www.greeninstruct.eu	Dr Glikeria Kakali	
Title:	Professor in National Technical University of Athens, NTUA	
email:	kakali@central.ntua.gr	
Project title:	Green Instruct	
Presentation title:	Green Integrated Structural Elements for Retrofitting and New Construction of Buildings	
<p>This presentation concerns the "Green Integrated Structural Elements for Retrofitting and New Construction of Buildings" – GREEN INSTRUCT, HORIZON2020 project. The project aims to develop a multi-layer modular structural building block that is superior to conventional panels by virtue of its reduced weight, improved performance and multi functionalities. The building block consists mainly of construction and demolition wastes-CDWs (more than 70% w/w).</p>		
CV:		
<p>Glikeria Kakali is Professor in Chemistry and Technology of Aluminosilicate Materials at the National Technical University of Athens (NTUA), School of Chemical Engineering. She graduated from AUTH with a MSc in Chemical Engineering. She holds a PhD in Engineering from NTUA. She has been actively involved in inorganic materials research for the last 30 years and she has considerable expertise in the fields of materials chemistry, structure and properties of building materials, exploitation of industrial minerals and by-products in the field of building materials, as well as use of instrumental methods for the characterization of materials. She has published more than 200 papers in scientific journals and conferences and she has participated as scientific coordinator or main researcher in 16 research projects. She is teaching undergraduate courses in the School of Chemical Engineering of NTUA and postgraduate courses in "Waste Management" of the Hellenic Open University (HOU). She is a member of the Technical Chamber of Greece, the Pan-Hellenic Association of Chemical Engineers and the European Ceramic Society.</p>		