



POSITIONING WORKSHOP

*New European Directive on nearly zero-energy buildings
Are we ready for 2018?*

Marseilles, 16 October 2013

**World Trade Center
2, rue Henri Barbusse – 13 001 Marseille
Salle Oceanie**

Date: 16 October 2013

Registration: Please visit the Workshop's website in the following URL:
http://republic-med.eu/index.php/news-events/events/1-international-workshop-in-marseille/event_details

Please scroll down, click on the "Attend" button and complete the registration form.



Overview of the Workshop and Objectives

The REPUBLIC-MED project involves the establishment of a transnational cooperation among Mediterranean Countries aiming at the improvement of decision-making strategies at a national, regional and local level concerning renovation projects of public buildings and open spaces (public spaces). The Workshop focuses on the role of building and urban physics simulation in sustainability policy making. In this context, innovative simulation techniques will be presented that can facilitate urban planners, engineers and policy makers to implement public-spaces renovation projects. Taking into account the latest EU regulations and directives applicable to building energy upgrade and Urban-Heat-Island (UHI) mitigation, the Workshop attempts to present possibilities of adopting simulation methods from scientific literature to conduct practical techno-economical studies.

The main objectives of the Workshop are the following:

- Current “Position” of Mediterranean Countries concerning the implementation of public-spaces renovation projects:
 - Standards, directives and tools adopted to conduct techno-economical studies based on which public buildings and open spaces renovation projects are implemented.
 - National roadmaps towards the harmonisation with the latest EU policies (e.g. the Nearly Zero Energy Buildings-NZEB concept, EPBD recast 2010/31/EU).
 - Most common methods currently employed to carry out public-spaces renovation studies.
- What's missing? Needs of local and regional authorities to improve decision-making towards sustainability reformation planning at building- and urban- scale.
- New trends in building and urban simulation methods that can improve techno-economical studies towards the decision of optimal renovation measures and can be linked to current policies and regulations.
- Benefits expected through the adaptation of innovative methods in building energy upgrading, UHI mitigation and, generally, in urban sustainability planning and policy making.



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Programme

- 9h30-9h45: Introduction**
*Jean Claude TOURRET, Directeur
AVITEM (Agence des Villes et Territoires Méditerranéens Durables)
Marseille, France*
- 9h45-10h15: The role of building-energy and urban-environment simulation methods in the implementation of the 2010/31/EU directive. The REPUBLIC Med project**
*Dr. George M. STAVRAKAKIS- Senior Researcher
CRES (Centre for Renewable Energy Sources and Saving)
Athènes, Greece*
- 10h15-10h45: How are building simulation tools implemented in Europe?**
Presentations by the members of the Republic Med consortium of the state of the art in implementing building simulation tools in Spain, Italy, France, Greece and Croatia.
- 10h45-11h15: The use of building simulation tools towards achieving Nearly Zero Energy buildings**
*Mrs. Eleni CHATZIGEORGIU-Engineering consultant
CRES (Centre for Renewable Energy Sources and Saving)
Athènes, Greece*
- 11h15-11h30: Application of urban bioclimate with micro scale models for planning issues**
*Prof. Dr. Andreas MATZARAKIS- Chair of Meteorology and Climatology, Freiburg University
Freiburg, Germany*
- 11h30-12h00: State of the art in research and development for building simulation tool in Europe.**
Maxime DOYA- Chef de projet "Plateforme Bâtiment Durable Atlantique"- Université de la Rochelle
- 12h00-12h30: The use of simulation tools in the Euroméditerranée project in Marseilles**
*Franck GELLING – Director for Architecture and urbanism
Etablissement Public Euroméditerranée Marseille*
- 12h30-13h00: Conclusions**