

## ZEROCO2 - PROMOTION OF NEAR ZERO CO2 EMISSION BUILDINGS DUE TO ENERGY USE

*"Greening the building sector through enhancement of various eco-friendly energy, technologies, services and business models."*

### Energy transition of buildings - an opportunity

With Directive 2012 / 27 / EU Energy Efficiency produces a breakthrough in European policies. The objectives as well as tools of intervention and verification oblige member countries to immediately adopt a clear strategy for the improvement of the performances of the buildings. The EU Directive proposes that after 2020 all new buildings must be zero energy buildings and those buildings will also be Near zero CO2 emission buildings due to energy use (NZCO2EB). Although there has been much recent focus on measures to reduce the emissions from new buildings, the existing building stock remains largely untouched and many refurbishment projects miss opportunities to reduce emissions and deliver low CO2 buildings. ZEROCO2 will define near zero CO2 emission buildings due to energy use (NZCO2EB) and present the various benefits which result from this type of building.

### Regional Knowledge Sharing

ZEROCO2 takes an interregional approach and will engage policy makers from different European regions to reduce CO2 emissions and to speed the transition to sustainable development at local, regional, national and European levels. Through interregional cooperation, regions will identify, share and transfer innovative methodologies, technologies, processes and good practices in developing and implementing Near zero CO2 emission buildings due to energy use policies, targeting new constructions or retrofitting existing buildings. In executing the project, exchange activities will create the process of presenting different options of energy sources and different technologies that can be used locally, regionally and nationally that will contribute to decrease of CO2 emissions, while supporting regional development.

### News:

The first project partners meeting was held in Ptuj, Slovenia on 9th and 10th of June and hosted by the Lead Partner Local Energy Agency Spodnje Podravje.



### Upcoming events:

- Second project partner meeting will take place on 14th and 15th of September 2016 in Berlin. The meeting will be hosted by EIFI.
- Each partners will organize the first stakeholders group seminar in September in order to involve the stakeholders to the project and to present the first results of the Project.

## Issues addressed ZEROCO2

ZEROCO2 addresses regional policies in the field of environment and energy and will support actions as well as investments to increase levels of energy efficiency, including public buildings and the housing sector. This project will help to meet the EU target to reduce emissions by 20 % by 2020. Also, the partnership will meet the flagship initiative: "Resource efficient Europe" to help decouple economic growth from the use of resources, support the shift towards a low carbon economy, increase the use of renewable energy sources and promote energy efficiency.

## Results ZEROCO2

The overall objective of the ZEROCO2 project is to improve regional energy policies with regard to environmental sustainability and mitigation of climate change risk, with a special focus on greening the building sector through enhancement of various eco-friendly energy sources and technologies, stressing its importance as an incubator for new markets in the field of energy, technologies, services and business models. This project will represent and implement NZCO2EB, due to energy use in policies addressed at the same level as had been done for NZEB, which means that the buildings do not produce CO2 emissions due their use. It is important to note that EU, national and regional policies do not define near zero CO2 buildings due to energy use, hence the need for the ZEROCO2 project.

## Project partners:

Lead partner:  
LOCAL ENERGY  
AGENCY SPODNJE  
PODRAVJE (Slovenia)

2. MEDITERRANEAN  
AGRONOMIC INSTITUTE  
OF CHANIA (Greece)

3. MOLISE REGION  
(Italy)

4. MUNICIPALITY OF  
KAUNAS DISTRICT  
(Lithuania)

5. EUROPEAN  
INSTITUTE FOR  
INNOVATION (Germany)

6. THERMOPOLIS LTD.  
(Finland)

7. AGENCY FOR  
SUSTAINABLE  
MEDITERRANEAN CITIES  
AND TERRITORIES  
(France)

8. UNIVERSITY OF  
MALTA (Malta)

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