

## Activity program

# NEUTRON 2nd Workshop

- 📅 **Wednesday 8th, May 2024**
- 🕒 Duration 09:00 - 15:00 (Local time)
- 📍 Gerling-Pavillon, Heinrich-Mußmann-Straße 2-8,  
52428 Jülich

## Energy Storage Technologies and District Heating Systems



# NEUTRON

A Pilot City Project for a sustainable  
transition

## 09:00 a.m. Opening

**Konstantina Siountri (PhDc)**, Ministry of Environment & Energy - Special Advisor to the General Secretary of Spatial Planning & Urban Development

**Kyriaki Chatzimanoli**, Deputy Mayor of KOZANI - Tourism, Urban Planning & Citizen Service Center

**Justyna Wieczorkiewicz -Molendo**, NetZeroCities - City Advisor for KOZANI

**Prof. Dr.-Ing. Thomas Ritz**, Vice Rector for Research, Innovation and Transfer, FH Aachen University of Applied Sciences

**Dr. rer. nat. Joachim Götttsche**, Deputy Director, Solar-Institut Jülich

## 09:50 a.m. - NEUTRON's partners

**Periklis Kafasis**, Solid Waste Management Body for Western Macedonia (DIADYMA SA)

**Prof. George Panaras**, Municipal Water & Sewerage Company of Kozani (DEYAK)

**Prof. Agis Papadopoulos**, Thessaloniki Water Supply & Sewerage Company (EYATH SA)

**Prof. ass. Christos Vlachokostas**, Aristotle University of Thessaloniki - School of Mechanical Engineering

**Prof. Dr. - Ing. Spiros Alexopoulos**, Solar - Institute Jülich, FH Aachen University of Applied Sciences

**Dr. Nikolaos Margaritis**, Centre for Research & Technology Hellas - CPERI

**Daniel Högemann**, KRAFTANLAGEN Energies & Services

**George Makris**, ZEUS Helios Electricity Company

**Angelos Chasiotis (PhDc)**, ABB Group Hellas

**Dimitrios Tyrovolas (PhDc)**, ERGONCELL



## 10:15 a.m. - Visit to the MultiTESS facility & guiding tour\*

*\* Transport is available from Gerling - Pavillon to MultiTESS facility*

## 11:30 a.m.

# Introduction to the Workshop

### Moderators:

**Prof. Dr. - Ing. Spiros Alexopoulos**, Solar - Institut Jülich  
**Dr. John Tziouras**

**EU Cities Mission & Climate City Contracts: a follow up**

**Konstantina Siountri (PhDc)**, Ministry of Environment & Energy - Special Advisor to the General Secretary of Spatial Planning & Urban Development

## 11:45 a.m. - Innovative technologies in Energy Storage for District Heating

Overview of innovative technology solutions to provide District Heating

**Prof. Dr. - Ing. Spiros Alexopoulos**, Solar - Institut Jülich, FH Aachen University of Applied Sciences

KOZANI's case study: High-temperature storage for District Heating

**Daniel Högemann**, KRAFTANLAGEN Energies & Services

## Coffee break & Lunch

12:15 - 13:00 p.m.

## 13:00 p.m. - Energy systems optimization

Circularity & Optimization on Energy Systems inside the NEUTRON project

**Dimitrios Makris (PhDc)**, Aristotle University of Thessaloniki - School of Mechanical Engineering

Energy Management Software solutions: Optimax AI-based system

**Angelos Chasiotis (PhDc)**, ABB Group Hellas

## Roundtable

13:30 p.m.

### Funding Kozani's GHM: From seed funding to growth

**Moderator: George Makris (CEO), ZEUS**

Briefing: Funding opportunities for Pilot Cities

**Justyna Wieczorkiewicz -Molendo**, NetZeroCities - City Advisor for KOZANI

### Participants\*

**Kyriaki Chatzimanoli**, Deputy Mayor of KOZANI - Tourism, Urban Planning & Citizen Service Center

**Prof. George Panaras**, Municipal Water & Sewerage Company of Kozani (DEYAK)

**Periklis Kafasis**, Solid Waste Management Body for Western Macedonia (DIADYMA SA)

**Johannes Schrüfer**, KRAFTANLAGEN Energies & Services

**Daniel Högemann**, KRAFTANLAGEN Energies & Services

**Prof. Dr. - Ing. Spiros Alexopoulos**, Solar - Institute Jülich, FH Aachen University of Applied Sciences

\* *The Laboratory is open for participation to all interested partners or stakeholders*

## 15:00 p.m. - End of the Workshop

[www.neutronpilot.com](http://www.neutronpilot.com) 

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## NEUTRON's partners

ΔΗΜΟΣ ΚΟΖΑΝΗΣ  
Municipality of Kozani



ARISTOTLE UNIVERSITY OF THESSALONIKI



ZEUS HELIOS  
Electricity Company Ltd



Funded by  
the European Union

NET  
ZERO  
CITIES