

Activity program

NEUTRON 1st Workshop

📅 **Wednesday 13th, December 2023**
🕒 Duration 10:00 - 15:00 (Local time)
📍 **Koventareios Municipal Library of Kozani**

Energy Efficient Utilities and Kozani's pathway to Climate Neutrality



NEUTRON

A Pilot City Project for a sustainable
transition

10:00 a.m. **Opening**

Lazaros Maloutas, Mayor of KOZANI

Thomas Osdoba, NetZeroCities - Director

Prof. Efthimios Bakoyiannis, Ministry of
Environment & Energy - General Secretary of Spatial
Planning & Urban Development

Prof. Dimitrios Psychoyios, Regulatory Authority
for Energy, Waste & Water - Vice President

Chrysses Nicolaides, EU Mission Board on Climate
Neutral & Smart Cities

10:50 a.m. - NEUTRON's partners

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

Vasileios Panousis, 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

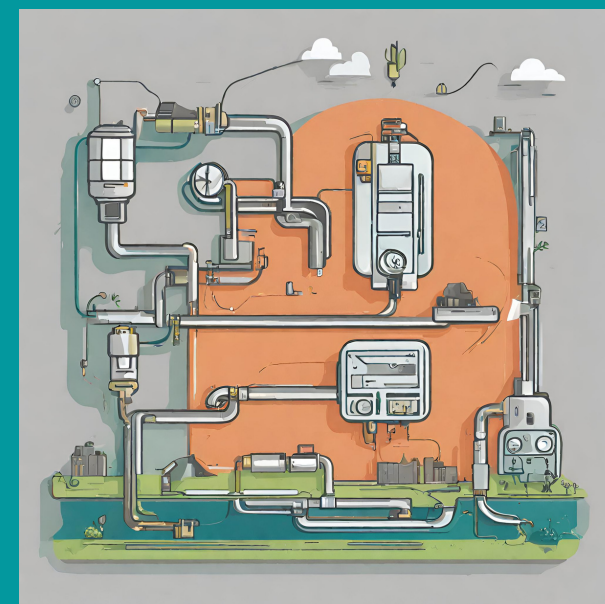
Dr. Nikolaos Margaritis, Centre for Research &
Technology Hellas - CPERI

Daniel Högemann, KRAFTANLAGEN Energies &
Services

George Makris, ZEUS Helios Electricity Company

Angelos Chasiotis (PhDc), ABB Group Hellas

Dr. Feni Tzioura, ERGONCELL



11:10 a.m. - Kozani's CCC local stakeholders

Prof. Antonios Tourlidakis, University of Western
Macedonia, Department of Mechanical Engineering

Dr. Panagiotis Grammelis, Centre for Research &
Technology Hellas - CPERI, Director

Dr. Yannis Fallas, Cluster of Bioeconomy &
Environment of Western Macedonia (CluBE), Director

11:20 a.m.

Introduction to the Workshop

Moderators:

Dr. Kyriaki Sakellariou, DIADYMA SA

Dr. John Tziouras

EU Cities Mission: Greek Cities' success story

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

What is the Pilot Cities Programme?

Justyna Wiczorkiewicz - Molendo, NetZeroCities -
City Advisor for KOZANI

Introduction to the NEUTRON Project

Prof. Dr. - Ing. Spiros Alexopoulos, Solar - Institute
Jülich

Introduction to the Workshop and Laboratories

Dimitrios Tyrovolas (PhDc), ERGONCELL

Coffee & Lunch

12:15 p.m. - The driving forces
of a net-zero District Heating

Circular Economy and Energy Utilities

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

Kozanis' District Heating System

Vasileios Panousis, Municipal Water & Sewerage
Compan of Kozani (DEYAK)

The role of District Heating for a Clean
Energy Transition - Best Practices at EU level

Prof. Dr. - Ing. Spiros Alexopoulos, Solar - Institute
Jülich

13:00 p.m. - Energy efficiency
through RES: NEUTRON pilot

The Green Heat Module on CHP applications
and fossil fuel substitution

Daniel Högemann, KRAFTANLAGEN Energies &
Services

The HERCULES Project: A Renewables -
Charged Thermal Battery

Dr. Nickolas D. Vlachos, Centre for Research &
Technology Hellas - CPERI, ARTEMIS Laboratory

Utilization Perspectives in Waste Management:
Central Macedonia's Best Practice

Elena Bakirtzi (MSc), Regional Association of Solid
Waste Management Agencies for Central Macedonia
(FOSDA C.M.)

13:35 p.m. - Advanced Technologies
and Energy Efficiency

New Technologies for Cutting Urban Emissions

Prof. ass. Giannis Adamos, Aristotle University of
Thessaloniki - School of Civil Engineering

AI and Energy Efficiency

Dimitrios Karadimas (MBA), AVOKADO - CBO

Towards creating innovative digital tools for
stimulating behaviour change aiming at buildings
energy saving

**Dr. Alexandros - Apostolos A. Boulogeorgos, Assistant
Professor**, University of Western Macedonia -
Department of Electrical and Computer Engineering

Laboratories

14:10 a.m.

Utilities - Markets - Technology

Moderator: Dimitrios Tyrovolas (PhDc), ERGONCELL

Co-designing Climate Neutrality - Citizen's
Platform

Moderator: Nick Rachovitis (MBA), ERGONCELL

Ideas for Climate Neutrality & Digital Transition

Moderator: Dr. Feni Tzioura, ERGONCELL

www.neutronpilot.com 

Scan me

SCAN TO REGISTER



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