



NEUTRON Event at TIF 2024

Energy storage in Greece: Perspective and challenges



The project has received funding through NetZeroCities from the European Union's Horizon 2020 research and innovation programme under the grant agreement No 101036519



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Energy storage in Greece: Perspective and challenges

September 11, 2024

E-heater + thermal storage with
Green Heat Module



8th THESSALONIKI
INTERNATIONAL
FAIR
7-15/9/2024

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Enaia

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Germany



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Thessaloniki, September 11, 2024 — The NEUTRON project took center stage at the 88th Thessaloniki International Fair (TIF) during a dedicated event held on September 11 at the German Pavilion (Pavilion 13), Conference Room Leipzig. The session, part of the broader German participation as the honored country at TIF 2024, highlighted cutting-edge innovations in energy storage and sustainable heat generation.



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The discussion was enriched by insights from prominent guest speakers:

- Mr. Thomas Osdoba, Programme Director, NetZeroCities
- Mr. Georgios Alexandridis, Vice Mayor of Kozani
- Prof. Spiros Alexopoulos, Solar-Institut Jülich (SIJ)

A thought-provoking panel discussion followed, featuring:

- Mr. Johannes Schrüfer, KRAFTANLAGEN
- Mr. Georgios Makris, CEO, ZEUS Helios Electricity Company
- Prof. Agis Papadopoulos, EYATH

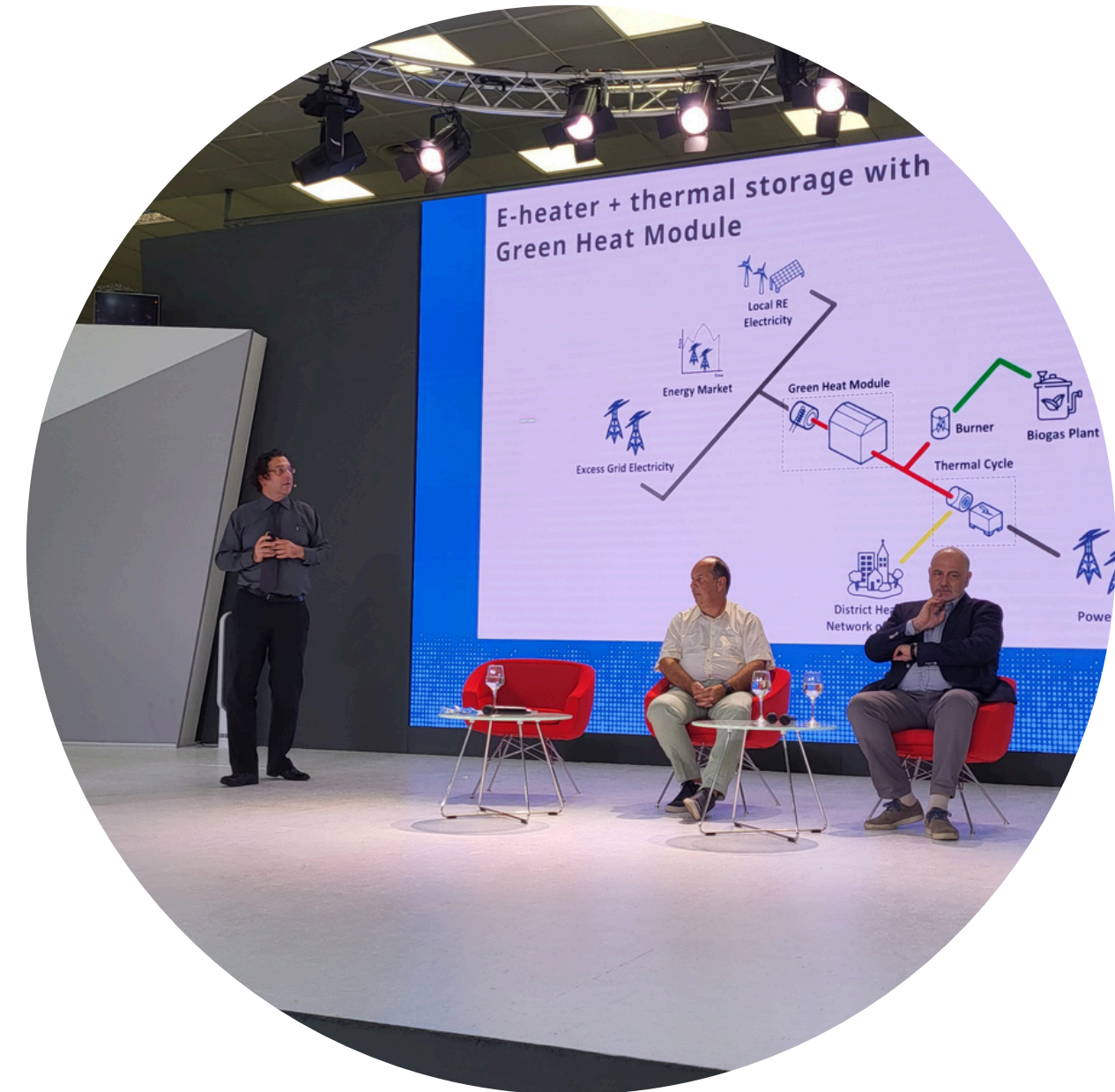


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“Energy Storage in Greece: Perspectives and Challenges – EYATH Application Examples” Prof. Agis Papadopoulos, EYATH

Prof. Papadopoulos discussed the current landscape of energy storage in Greece, addressing both the opportunities and challenges. He presented practical applications from EYATH, illustrating how energy storage solutions are being implemented in real-world scenarios.



Prof. Agis Papadopoulos - EYATH



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“Introduction to the NEUTRON Project” Prof. Spiros Alexopoulos, Solar-Institut Jülich (SIJ)

Prof. Alexopoulos provided an overview of the NEUTRON project, emphasizing its role in advancing climate-neutral and smart cities. He outlined the project's objectives, methodologies, and expected impact on urban energy systems.



Prof. Spiros Alexopoulos, Solar-Institut Jülich



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“The Green Heat Module: Greening Heat and Power Generation on an Industrial Scale”

Daniel Hoegemann, Kraftanlagen Energies & Services SE

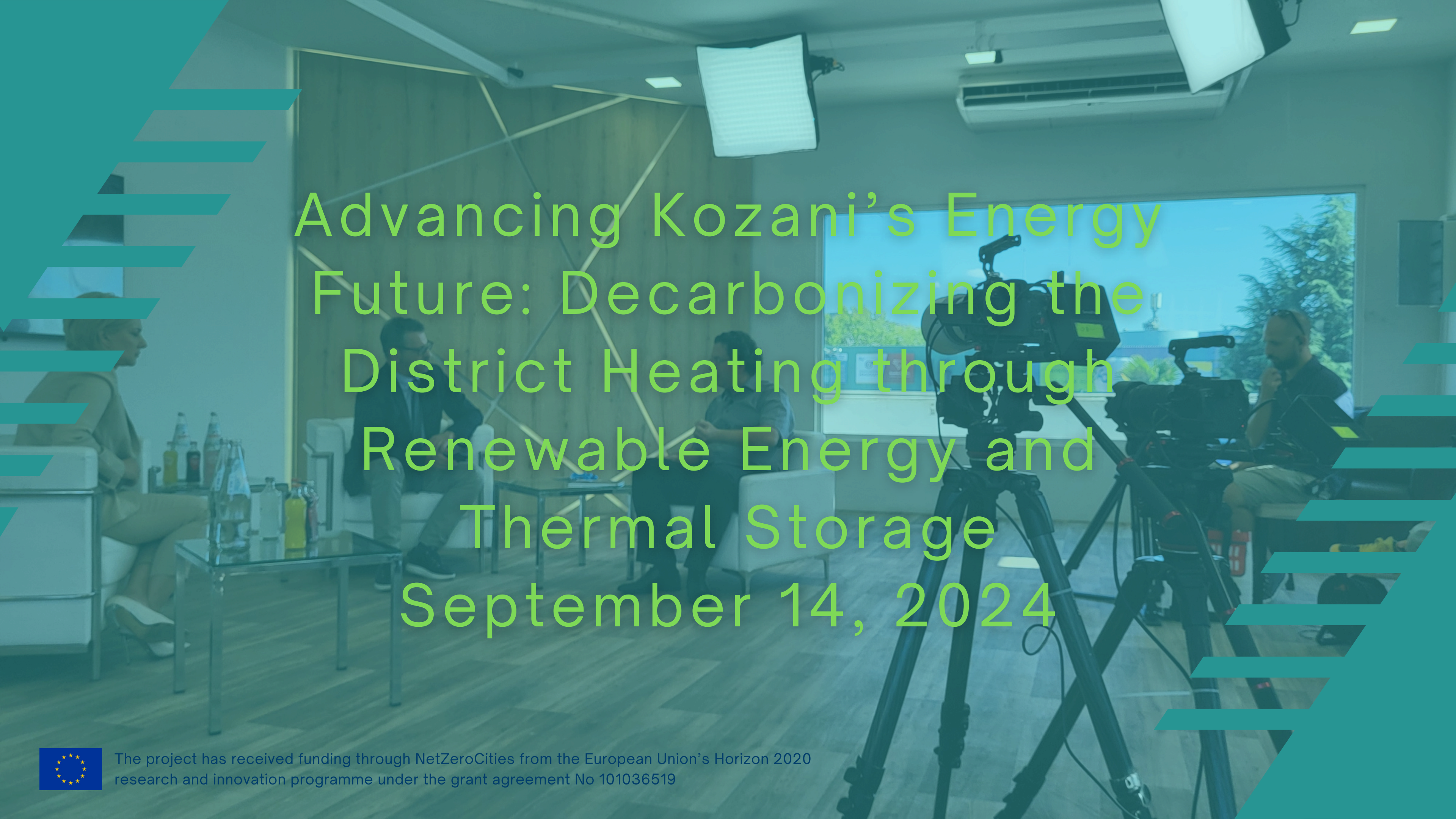
Mr. Hoegemann introduced the Green Heat Module, a solution aimed at decarbonizing industrial-scale heat and power generation. He detailed its design, functionality, and potential benefits for large-scale energy consumers.



Daniel Hoegemann, Kraftanlagen Energies & Services SE



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Advancing Kozani's Energy Future: Decarbonizing the District Heating through Renewable Energy and Thermal Storage September 14, 2024



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The NEUTRON project made a significant impact at the 88th Thessaloniki International Fair (TIF) 2024, held September 7–15, where Germany was the honored country. Highlighted on September 14th, NEUTRON hosted an open discussion on “Advancing Kozani’s Energy Future: Decarbonizing the District Heating through Renewable Energy and Thermal Storage.” Featuring expert speakers and a panel of energy leaders, the event showcased innovative solutions for sustainable district heating. NEUTRON’s presence in the German Pavilion emphasized international collaboration and cutting-edge advancements, positioning the project as a key player in Europe’s clean energy transition.



Prof. Dr. Spiros Alexopoulos - SIJ, and Mr. Daniel Hoegemann - Kraftanlagen Energies & Services SE



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**Prof. Spiros
Alexopoulos**

Solar Institute - Jülich



**Prof. Agis
Papadopoulos**

EYATH



Mr. George Makris
ZEUS Helios Electricity
Company

Roundtable discussion

Together, the participants explored strategies for leveraging cutting-edge renewable energy technologies and innovative policy frameworks to decarbonize district heating systems and achieve Kozani's ambitious energy goals.

NEUTRON's presence at TIF 2024 showcased the robust partnership between ZEUS and the Solar-Institut Jülich, reaffirming their commitment to accelerating Europe's clean energy transition. As part of the German Pavilion, NEUTRON demonstrated the importance of international collaboration in addressing climate challenges and driving energy innovations.



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Roundtable discussion

Mr. George Alexandridis



Vice - Mayor of Kozani

Mr. Peter Altmaier



Former Minister of Economic
Affairs and Energy, Germany

Ms. Alexandra Sdoukou



Former Deputy Minister of
Environment and Energy,
Greece



NEUTRON

A Pilot City Project for a sustainable
transition



11 and 14 September 2024



Thessaloniki International Fair

Thessaloniki, Greece

