1st International Congress on:

ENERGY, AGRICULTURE AND ENVIRONMENT (EAE2026)

"Green Ammonia, Energy and Sustainable Agriculture"

Dates: 26–27th November 2026 **Venue: Higher School of Technology, Khenifra, Morocco**

BACKGROUND

Building on the strong collaboration between the **PRAGMA-E**, **CIPROMED**, and **PAVER** projects, the consortium has joined forces to organize the **1st International Congress on Energy, Agriculture and Environment (EAE2026)** in Khénifra, Morocco.

Green ammonia serves as a novel energy carrier and an eco-friendlier approach for storage and fertilization, bridging the energy-agriculture connection. It oversees renewable resources, energy storage, and agricultural inputs to reduce the carbon footprint of human actions and safeguard the environment.

This global congress seeks to promote interactions among specialists, researchers, scholars, business leaders, policymakers, and significant participants in a shared scientific discussion. The aim is to oversee the development and advancement of green ammonia technologies, energy efficiency and agroecological appraoches, completely in accordance with the principles of the ecological transition and circular bioeconomy. It mainly explores the obstacles and answers for advancing sustainable and resilient energy and food systems.

THEMES OF THE CONGRESS

1. GREEN AMMONIA, MATERIAL & ENERGY (PRAGMA-E)

- Green ammonia production technologies, hydrogen integration & Power-to-X systems.
- Ammonia as an energy carrier, storage medium & transportation vector.
- Energy storage technologies, smart grids & hybrid renewable systems.
- Advanced materials for energy performance, valorisation of local resources, study and application of bio-based insulating materials.
- Geo-spatial, techno-economic assessment, life cycle analysis & energy efficiency of green ammonia ammonia value chains.

2. SUSTAINABLE AGRICULTURE & AGROECOLOGY (CIPROMED)

- Sustainable farming practices, agroecology & climate-smart agriculture.
- Green ammonia & innovative fertilizers for sustainable crop production.
- Circular bioeconomy, resource efficiency & environmental sustainability in agriculture.
- Renewable energy applications in agriculture & agri-food systems.

3. MATERIALS MODELING & SUSTAINABLE CHEMISTRY

- Functional and structural materials, biomaterials, surfaces and interfaces.
- Mechanical materials, nanomaterials & green chemistry.
- Energy Storage Systems: Rechargeable batteries, electrochemistry & energy materials.
- Alternative solvents, processes & modeling for energy applications.

4. INTEGRATED SYSTEMS & DIGITAL OPTIMIZATION (PAVER)

- AI, IoT & digital twins for agriculture and energy systems.
- Precision agriculture, smart irrigation & resource optimization.
- Integrated renewable energy-water-food systems & agrivoltaics.
- Data analytics, remote sensing, GIS & decision-support systems for sustainable development.

CALL FOR ABSTRACTS

The deadline for abstract submission is open until **October 22nd, 2026**, for scientific contributions to the congress. Those interested in participating should prepare their **abstracts with a maximum length of 300 words**, in either English or French. The abstract must include the title, authorship, affiliation, main text, and keywords, strictly following the official template. To **download** the **required template** and **submit your final document**, please refer to the dedicated links and the contact email provided below.

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