



# HAEE ENERGY TRANSITION SYMPOSIUM

*10 years*

## **A Decade of Energy Transition: Adapting for Tomorrow**

# **AGENDA**

**3-5 June 2025**  
**Maroussi Plaza Centre, Athens**

**HAEE**

HELLENIC ASSOCIATION  
for ENERGY ECONOMICS

## Under the Auspices of:



**HELLENIC REPUBLIC**  
Ministry of Digital Governance



**HELLENIC REPUBLIC**  
**MINISTRY OF INFRASTRUCTURE AND TRANSPORT**



## Organised by:



**HELLENIC ASSOCIATION**  
*for* **ENERGY ECONOMICS**

# ○ DAY 1

Tuesday, June 3, 2025

**09.00-10.00** Registration and networking coffee

**10.00-10.10** WELCOME AND OPENING ADDRESSES

**Spiros Papaefthimiou**, President, HAEE; Professor, Technical University of Crete  
**Edmar Luiz Fagundes de Almeida**, President, IAEE; Professor, Institute of Energy - PUC-Rio (online)

**10.10-10.30** One-on-one Spotlight

**Ioannis Kefalogiannis**, Minister of Climate Crisis and Civil Protection, Hellenic Republic

In discussion with:

**Kostas Andriosopoulos**, Aff. Professor, Finance & Energy Management; Director, HELLENiQ ENERGY Center for Sustainability and Energy @Alba Graduate Business School; CEO, Akuo Energy Greece

**10.30-10.40** DEEPENING CHINA-GREECE ENERGY TRANSITION COOPERATION TO JOINTLY PROMOTE GLOBAL SUSTAINABLE DEVELOPMENT

Keynote Speaker:

**Fang Qiu**, Chinese Ambassador to the Hellenic Republic

**10.40-11.00** One-on-one Spotlight

In discussion with:

**Beda Juliani Coma**, General Manager Southern Europe and Balkan area, Aiko Energy

**Spiros Papaefthimiou**, President, HAEE; Professor, Technical University of Crete

**11.00-11.45** TOO FAST, TOO MUCH? ENERGY TRANSITION AT THE CROSSROADS

Examining the pace of energy transition—are we moving too quickly or not quickly enough? Finding the right balance for Greece's energy future.

- Assessing the risks of rapid transition: affordability, security, and infrastructure readiness.
- The role of policy and investment in ensuring a smooth and fast transition.
- Lessons from global energy transitions: what can Greece learn?

**Athanasios Dagoumas**, President, Regulatory Authority for Energy, Waste and Water  
**Liana Gouta**, Director General, European Fuel Manufacturers Association  
**Lucian Pugliesi**, President, Energy Policy Research Foundation (EPRINC)  
**Oskaras Alšauskas**, Energy Modeller and Analyst, World Energy Outlook Team, IEA (online)

Moderator:

**Konstantinos Eleftheriadis**, Partner, Energy, Resources & Industrials Leader, Deloitte Greece

## 11.45-12.15 GREEK ENERGY MARKET REPORT 2025

Greek Energy Market Report 2025—capturing a year of transformation through data, insight, and foresight.

- Key market trends and progress toward national climate and energy targets
- Policy and investment highlights shaping the energy transition
- The role of banks and new financing initiatives in supporting clean energy projects

**Pavlos Mylonas**, CEO, National Bank of Greece

**Kostas Andriosopoulos**, BoD Member, HAEE; Aff. Professor, Finance & Energy Management; Director, HELLENiQ ENERGY Center for Sustainability and Energy @Alba Graduate Business School; CEO, Akuo Energy Greece

Moderator: **George Ioannou**, Professor, AUEB

## 12.15-12.30 THE COOPERATION BETWEEN THE UK AND GREECE FOR A DECARBONIZED AND SUSTAINABLE FUTURE

- UK decarbonisation strategy, plans and progress towards net zero
- Cooperating with EU countries to drive ambition – examples on how we cooperate with Greece and future opportunities

Keynote

Speaker: **Matthew Lodge**, British Ambassador to the Hellenic Republic

## 12.30-12.40 THE IMPORTANCE OF INTERNATIONAL COOPERATION IN THE OFFSHORE WIND ENERGY SECTOR

Keynote

Speaker: **Susanna Terstal**, Dutch Ambassador to the Hellenic Republic

## 12.40-13.30 OFFSHORE WIND: ARE WE CLOSER OR STILL FAR FROM THE SHORE?

Evaluating Greece's offshore wind potential—what's real, what's hype, and what's next?

- Key regulatory, financial, and technical challenges in developing offshore wind projects.
- Lessons from successful offshore wind markets in Europe and beyond.
- Next steps for Greece: timelines, investment needs, and policy directions.

**Michelle Houwers**, Senior Account Executive, Energy, Howden Hellas

**Flora Karathanasi**, Offshore Wind Programme Lead, HEREMA

**Ioannis Skarakis**, Country Manager Greece, Senior Origination & Tender Officer, Parkwind

**Panagiotis Papastamatiou**, CEO, Hellenic Wind Energy Association

**Harris Damaskos**, Associate Director/Senior Banker, Energy Europe, EBRD

Moderator: **Spiros Papaefthimiou**, President, HAEE; Professor, Technical University of Crete

## 13.30-14.45 Networking lunch & coffee

## 14.45-15.20 FROM WASTE TO VALUE: GREEN INNOVATION AS A PILLAR OF THE ENERGY TRANSITION

This session explores cutting-edge approaches and policy frameworks that unlock the value hidden in waste streams, reinforcing sustainability as a core pillar of the energy transition.

- Highlighting national and EU-level policies that promote green innovation, waste reduction, and regulatory support for circular models.
- Identifying structural, regulatory, and operational hurdles hindering effective waste valorization in Greece.
- Exploring how Greek academic and research institutions are developing scalable technologies and practices for circularity and energy recovery

**Konstantinos Aravossis**, VP and Waste Management BoD Chairman, RAAEY; Professor and UNESCO Chairholder on Green Innovation and Circular Economy, NTUA

**Panagiotis Grammelis**, Director of Research, Chemical Process and Energy Resources Institute, Centre for Research and Technology Hellas

**George Kremlis**, Ambassador of EPLO to Bulgaria; Member of the Board and Director of the Circular Economy and Climate Institute, EPLO

**Moderator:** **Konstantinos Sfetsioris**, Senior Project Manager, HAEE

## 15.20-15.30 THE WAY TO A DECARBONIZED AND SUSTAINABLE FUTURE: HOW CAN FRANCE AND GREECE WORK TOGETHER?

**Keynote**

**Speaker:** **Laurence Auer**, French Ambassador to the Hellenic Republic

## 15.30-16.20 THE NEW ENERGY EQUATION: RENEWABLES AND INFRASTRUCTURE, POWERED BY CCI France Grèce

- Overcoming Infrastructure & Regulatory Challenges for Renewable Integration
- Energy Synergies: Unlocking Collaborative Growth
- Accelerating the Integration of Renewables through Smart Infrastructure

**Thalia Valkouma**, President and CEO, Faria Renewables

**Spiros Raptis**, General Manager Greece and Cyprus, Schneider Electric; Chairman of Energy Committee, CCI France Grèce

**George Exarchou**, Country Head, Greece & Cyprus, HDF Energy

**Ioannis Sakellion**, Country Manager, Valtalia Greece

**Panos Skiadas**, Deputy Chief Services Officer, Energy & Sustainability, Viohalco

**Moderator:** **Ioannis Vassardanis**, Vice-President, CCI France Grèce; Coordinator of the Energy Committee

16.20-17.10

### **THE ELEPHANT IN THE ROOM: EU INDUSTRY COMPETITIVENESS, POWERED BY THE AMERICAN-HELLENIC CHAMBER OF COMMERCE**

Addressing the pressing issue of maintaining EU industrial competitiveness amidst escalating energy costs and stringent climate policies.

- The impact of high energy prices on European manufacturing and heavy industry.
- Navigating the tension between decarbonization goals and industrial resilience.
- Policy and market mechanisms to sustain competitiveness in a low-carbon economy.

**Kostas Axaroglou**, Dean, Alba Graduate Business School

**Vasilis Tsaitas**, Group CFO, HELLENiQ ENERGY

**Konstantinos Eleftheriadis**, Partner, Energy, Resources & Industrials Leader, Deloitte Greece

Moderator:

**Elias Spirtounias**, Executive Director, American-Hellenic Chamber of Commerce

17.10-17.30

### **NATURAL GAS: THE TALK OF THE TOWN IN 2025'S ENERGY WORLD**

Evaluating Accessing the role of natural gas in the evolving energy landscape – bridge fuel or a stubborn relic?

- The shifting role of natural gas in Europe's decarbonization strategy.
- Market volatility, supply security, and geopolitical risks in 2025.
- The potential of low-carbon alternatives: hydrogen, biomethane and CCS.

**Maria Rita Galli**, CEO, DESFA

In discussion  
with:

**Korina Georgiou**, Journalist, SKAI

17.30-18.00

### **DEVELOPING GREECE'S ENERGY BACKBONE: INFRASTRUCTURE, GRID INTEGRATION, AND MARKET CONNECTIVITY**

- Strategic Energy Infrastructure as a Driver of Economic Growth
- Infrastructure Modernization & Investment Planning
- Cross-Border Interconnectivity & Regional Market Integration

Keynote  
speaker:

**Nikos Papathanasis**, Alternate Minister of Economy and Finance, Hellenic Republic

**Ioannis Karampelas**, Chairman & CEO, ADMIE Holding S.A.

Moderator:

**Dimitris Pefanis**, Manager, CNN Greece

18.00-19.30

# HAEE ANNUAL AWARD

The 2025 award is given to:

**Prof. Konstantinos Aravosis**, VP and Waste Management BoD Chairman, RAAEY; Professor and UNESCO Chairholder on Green Innovation and Circular Economy, NTUA

in recognition "of his long-standing contribution to sustainable development, with a particular focus on advancing waste management and circular economy practices that support the low-carbon transition".

## ENERGY INITIATIVE AWARDS

To honor the 10th anniversary edition of the Symposium, we are excited to present the "Energy Initiative Awards", aiming to celebrate acts and initiatives of innovation and excellence within the energy sector.

List of Energy Initiative Awards:

- 1. "Financing for the Future"**  
presented by Mr. Nikos Papathanasis, Alternate Minister of Economy and Finance, Hellenic Republic
- 2. "Educational Impact"**  
presented by Mr. Konstantinos Vlassis, Deputy Minister of Education, Religious Affairs and Sports
- 3. "Social Inclusion & Accessibility"**  
presented by Mr. Iason Fotilas, Deputy Minister of Culture, Hellenic Republic
- 4. "Energy Leadership"**  
presented by Mr. Haris Doukas, Mayor of Athens
- 5. "Sustainability Excellence"**  
presented by Prof. Kostas Axaroglou, Dean, Alba Graduate Business School
- 6. "Alternative Fuels"**  
presented by Prof. Spiros Papaefthimiou, President, HAEE
- 7. "Innovation in Energy"**  
presented by Prof. Panagiotis Kaldis, Dean, University of West Attica
- 8. "Impactful Energy Solutions"**  
presented by Prof. George Ioannou, Athens University of Economics and Business
- 9. "Energy Initiative of the Year"**  
presented by Prof. Spiros Papaefthimiou, President, HAEE

Awards presentation by:  
**Korina Georgiou**, Journalist, SKAI

19.30

**COCKTAIL RECEPTION @Bottega**

# DAY 2

Wednesday, June 4, 2025

**09.00-09.45** Registration and networking coffee

**09.45-10.15** ONE-ON-ONE SPOTLIGHT

Keynote  
Speaker:

**Nikos Tsafos**, Deputy Minister of Environment & Energy

In discussion  
with:

**Kostas Andriosopoulos**, Aff. Professor, Finance & Energy Management; Director, HELLENiQ ENERGY Center for Sustainability and Energy @Alba Graduate Business School; CEO, Akuo Energy Greece

**10.15-11.05** CANYONS IN THE ELECTRICITY SYSTEM: CUTTING THE CURTAILMENT CORD

Confronting the notorious 'Duck Curve' and grid congestion. How can we enhance grid flexibility and efficiency?

- Tackling renewable energy curtailment: storage, demand-side management, and interconnections.
- The role of smart grids and digitalization in optimizing electricity flows.
- Policy and market reforms to incentivize grid flexibility and investment.

**Dimosthenis Voivontas**, CEO, DAPEEP

**Vasilis Georgiou**, Managing Director, Protasis

**Pantelis Capros**, Professor of Energy Economics and Operational Research, NTUA

**Yannis Vougiouklakis**, Senior Director, Strategy, PwC Greece

**Giorgos Stamtsis**, General Manager, Hellenic Association of Independent Power Producers

Moderator:

**George Ioannou**, Professor, AUEB

**11.05-12.00** THE RENEWABLE RACE: SCALING RES INVESTMENTS, STORAGE, AND THE FINANCIAL EQUATION OF THE GREEN TRANSITION

**Sotiris Kapellos**, Chief Operating Officer, BoD member HELLENiQ Renewables

**Kostas Mitsiolidis**, CFO, Green Line Energy

**Giorgos Panagiotou**, Strategy and Energy Management Director, Volton

**Steivan Defilla**, Assistant President, Visiting Professor, APEC Sustainable Energy Center, Tianjin University

**Mihaela Nyerges**, Managing Partner, Nyerges & Partners; BoD member, Romanian Photovoltaic Industry Association

Moderator:

**Kostas Andriosopoulos**, Aff. Professor, Finance & Energy Management; Director, HELLENiQ ENERGY Center for Sustainability and Energy @Alba Graduate Business School; BoD HAAE



**12.00-12.20 ONE-ON-ONE SPOTLIGHT**In discussion  
with:**George Alexopoulos**, Deputy CEO, HELLENiQ ENERGY**Thodoris Panagoulis**, Editor in Chief, energypress.gr**12.20-13.00 THE COMPLEX PATH OF EUROPE'S ENERGY SHIFT: HYDROGEN AND ALTERNATIVE FUELS AS KEY PLAYERS**

Hydrogen and alternative fuels stand out as strategic tools in this transition, yet their deployment faces major technical, regulatory, and economic barriers.

- Current state: infrastructure readiness, and cross-border cooperation within the EU framework.
- Exploring the gap between ambition and deployment – Regulatory barriers and market incentives challenges
- Addressing the national roadmap, investment needs, and the interplay between Greek and European stakeholders.

**Eleni Bairami**, Owner and Managing Director, ECO Hellas**Barbara Morgante**, CEO, enaon**Jorgo Chatzimarkakis**, CEO, Hydrogen Europe**Dimitris Kardomateas**, BoD President & General Manager, CRES

Moderator:

**Valérie Ducrot**, Executive Director, Global Gas Centre**13.00-13.50 THE ROLE OF GAS AND INFRASTRUCTURE IN MARITIME TRANSPORT, POWERED BY GLOBAL GAS CENTRE****Constantinos Chaelis**, Global Gas Markets & Technology Lead, Lloyd's Register Group**Christos Papaleonidas**, Director and Partner, Watermelon Consulting**Nikos Katsis**, Chief Asset Management Officer, DESFA

Moderator:

**Christos Papaleonidas**, Director and Partner, Watermelon Consulting**13.50-15.00 Networking lunch & coffee****15.00-15.40 PREDICT, OPTIMIZE, DECARBONIZE: AI AND GENERATIVE AI IN ENERGY FUTURE**

The discussion will focus on how AI technologies can unlock new efficiencies, accelerate decarbonization, and support smarter policy and investment decisions.

- Harnessing AI and Generative AI to Optimize Energy Systems and Grid Resilience
- AI-Driven Forecasting for Renewable Energy Integration and Demand Management
- Smart Decarbonization: Targeted AI Applications to Cut Emissions and Costs

**Mike Tzamaloukas**, AI expert**Georgia Koutrika**, Research Director, AI and Data Systems, Athena Research Center**Maher Chebbo**, Managing Director Europe, Unvers; Board Member; Global Leader, Digital Innovation & Cleantech

Moderator:

**Haris Tsotsos**, Engineer & Business AI Practitioner, Tech B2B Consultant, Spark 2 Action

**15.40-16.30**    **CHANNELLING EU FUNDS FOR DECARBONIZATION FOR A GREENER, MORE AFFORDABLE ENERGY FUTURE POWERED BY HELLENiQ ENERGY CENTER FOR SUSTAINABILITY AND ENERGY @ALBA GRADUATE BUSINESS SCHOOL**

This session will explore how Greece can make the most of these evolving financial tools to drive a just, effective, and economically sustainable green transition.

- Accelerating green investments and the energy transition to tackle the crisis and boost Europe's global competitiveness
- Leveraging ETS & ETS II Revenues and other financial mechanisms: Opportunities for Greece
- Reducing Energy Consumption and Energy Costs through Targeted Investments

**Nektaria Karakatsani**, Energy Advisor, Hellenic Parliament

**Thanos Zarogiannis**, Expert on Energy Transition

**Kostas Andriosopoulos**, Aff. Professor, Finance & Energy Management; Director, HELLENiQ ENERGY Center for Sustainability and Energy @Alba Graduate Business School; CEO, Akuo Energy Greece

Moderator: **Kostas Deligiannis**, Journalist, insider.gr

**16.30-18.00**    **By invitation only Workshop "Global Gas Supply Chain"**

**Venue: Room 2**

*Powered by Global Gas Centre and*

*HELLENiQ ENERGY Center for Sustainability and Energy @Alba Graduate Business School*

# DAY 2



## ENPOWER and Crete Valley workshop

### 11.00–11.20 **Εισαγωγή – Καλωσόρισμα και στόχοι**

- Παρουσίαση από την ομάδα των έργων (ENPOWER & Crete Valley)
- Τι ερωτήματα έχουν αναδειχθεί από τις εμπειρίες των έργων
- Παρουσίαση των θεματικών ενοτήτων της συζήτησης

### 11.20–12.20 **Στρογγυλή τράπεζα: Διάλογος με τους φορείς**

Θεματικές ενότητες (~15' η κάθε μία)

- 1. Ιδιοκτησία δεδομένων και διαλειτουργικότητα (interoperability)**
  - Ποιος έχει δικαίωμα πρόσβασης; Πώς διευκολύνεται η διαλειτουργικότητα;
  - Πρακτικές δυσκολίες από ENPOWER και Crete Valley (ενδεικτικά παραδείγματα)
- 2. Αδειοδοτήσεις και ρυθμιστικά εμπόδια για εγκαταστάσεις ΑΠΕ & αυτοκατανάλωση**
  - Πώς μπορούν να απλοποιηθούν οι διαδικασίες;
  - Εμπειρίες από την εγκατάσταση ΑΠΕ στα νησιά
- 3. Ευελιξία του δικτύου – Ρυθμιστικές προκλήσεις και εναλλακτικές προσεγγίσεις/ προοπτικές**
  - Ποιες ρυθμιστικές αλλαγές μπορούν να γίνουν για τη βελτίωση της ευελιξίας του δικτύου και ενσωμάτωση του V2G στο ελληνικό πλαίσιο;
  - Εμπειρία από τη Χάλκη/ Κρήτη

### 12.20 – 12.40 **Κλείσιμο – Ανοικτός σχολιασμός από το κοινό & αποχαιρετισμός**

- Σύντομες τοποθετήσεις από συμμετέχοντες

### 12.40 – 13.00 **Συμπεράσματα & προτάσεις**

- Παρουσίαση βασικών συμπερασμάτων



Μπορείτε να δηλώσετε συμμετοχή: [Ημερίδα ENPOWER & CRETE VALLEY](#)

ENPOWER has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101096354

CRETE VALLEY is co-funded by the European Union under grant agreement no. 101136139

# DAY 3

Thursday, June 5, 2025

**09.00-10.00 Registration & Networking coffee**

**10.00-10.50 THE LIGHTHOUSE OF ENERGY TRANSITION: DECARBONIZING GREEK ISLANDS**

Showcasing Greece's islands as beacons of clean energy—lessons, successes, and next steps.

- Case studies of energy transition projects on Greek islands.
- Challenges in integrating renewables, storage, and grid upgrades.
- Scaling up island decarbonization as a model for the mainland and beyond.

Keynote  
Speaker:

**Aristotelis Aivaliotis**, General Secretary of Energy and Mineral Resources, Ministry of Environment and Energy, Hellenic Republic

**Ioannis Kaltsas**, Head of Investment Team for Greece & Cyprus, European Investment Bank, Greece

**Christos Iliopoulos**, Deputy General Manager, Head of Project Finance, Attica Bank

**Gianni Chianetta**, Founder & Chairman, Greening the Islands Foundation

**Georgios Vokas**, Professor, University of West Attica

Moderator: **George Fintikakis**, Journalist, EURO2day

**10.50-11.40 FROM STRATEGY TO SUSTAINABILITY: DRIVING RES INNOVATION IN ROMANIA, POWERED BY ENERGYNOMICS**



- Scaling storage production and integration for a resilient renewable mix
- Strengthening technical support ecosystems for utility-scale and distributed RES
- Cross-border cooperation for clean tech manufacturing and supply chains
- Industrial partnerships to accelerate the electrification of energy consumption
- Building the flexible backbone of tomorrow's electricity systems

**Dan Stratan**, Owner, Ciga Energy Hellas

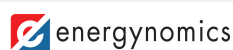
**Elena Popescu**, CEO, Elektra Renewable Support

**Stelian Favieli**, Managing Partner Nofar Energy

**Filippos Falieros**, Advisory Project Leader, Aurora Energy Research

Moderator: **Gabriel Avăcăriței**, Chief Editor, Energynomics

**11.40-12.15 EXPANDING HORIZONS: GREEK ENERGY LEADERSHIP AND INVESTMENT IN ROMANIA, POWERED BY ENERGYNOMICS**



- Unlocking solar PV potential through bilateral investment frameworks
- The strategic role of metals and materials in the solar value chain
- Aligning permitting and bankability to speed up solar deployment
- Regional strategies for balancing PV growth with market and grid realities
- Coordinating advocacy and policy for long-term competitiveness in photovoltaics

**Nikolaos Kolyvodiakos**, General Manager, Enerta

**Paul Moldovan**, Founder, Parapet

**Dan Flesariu**, CEO, Wiren

Moderator: **Gabriel Avăcăriței**, Chief Editor, Energynomics

## 12.15 CLOSING REMARKS

**Spiros Papaefthimiou**, President, HAEE; Professor, Technical University of Crete

Venue: Room 2 ■

# ○ DAY 3



**ALFA**  
UNLOCKING THE BIOGAS POTENTIAL  
OF LIVESTOCK FARMING



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## Εκπαιδευτικό Σεμινάριο ALFA: Αξιοποιώντας το Δυναμικό του Βιοαερίου στον Κτηνοτροφικό Τομέα

### 11.00 – 11.05 Καλωσόρισμα

- Σύντομοι χαιρετισμοί

### 11.05 – 11.30 Παρουσίαση του Έργου ALFA

- Επισκόπηση στόχων, δράσεων και αποτελεσμάτων του έργου

### 11.30 – 12.00 Online Εργαλεία του έργου ALFA

- Παρουσίαση εργαλείων υποστήριξης για επενδυτές και κτηνοτρόφους

### 12.00 – 12.15 Διάλειμμα

### 12.15 – 12.30 Επιτυχημένες περιπτώσεις επενδύσεων Βιοαερίου από την εμπειρία του ALFA - Η τρέχουσα κατάσταση του βιομεθανίου στην Ευρώπη

- Παρουσίαση επιτυχημένων περιπτώσεων
- Ανασκόπηση της αγοράς Βιομεθανίου στην Ευρώπη

### 12.30 – 13.00 Τεχνολογικές Καινοτομίες στον Τομέα του Βιοαερίου (ΕΚΕΤΑ)

- Πρόσφατες εξελίξεις και καινοτομίες

### 13.00 – 13.15 Διάλειμμα

### 13.15 – 13.30 Κυκλική Οικονομία και Βιοαέριο

- Σύνδεση του βιοαερίου με βιώσιμη ανάπτυξη και περιβάλλον

### 13.30 – 13.45 Παρουσίαση Ευρωπαϊκών Έργων HORIZON EUROPE

### 13.45 – 14.00 Στρογγυλό Τραπέζι – Συμπεράσματα

- Συζήτηση με ομιλητές και συμμετέχοντες για προοπτικές και ανάγκες του κλάδου

# DAY 3

## 09.15-10.30 ACADEMIC SESSION 1: "FINANCING, GOVERNANCE & POLICY FOR ENERGY TRANSITION"

**Chair:** Georgia Giannakidou, PhD candidate and Research Associate

### 1) Institutional Investors and Stringent Climate Policies

**Author:** Roberto Cardinale, Sarah Najm

**Presenter:** Roberto Cardinale, Bartlett School of Sustainable Construction, University College London, United Kingdom

### 2) NETZEROCITIES 2030: A RACE TO ZERO: Cutting-Edge International Accounting Standards and Kalamata's Climate Contract for a Carbon-Free Future

**Author:** Dimitrios Koutsouroupas, Vassileios Giannopoulos

**Presenter:** Dimitrios Koutsouroupas  
University of the Peloponnese

### 3) Enhancing Energy Security Through Financial Markets' Trading: A Bridge for Energy Transition

**Author:** Athanasios Rentiniotis, Efstathios Konstantinidis

**Presenter:** Athanasios Rentiniotis  
Department of Mechanical Engineering, University of Western Macedonia

### 4) Regulatory and market screening analysis of offshore solar requirements in EU Mediterranean Countries

**Author:** Johnny Meit, Brigitte Vlaswinkel, Aurelio Negri

**Presenter:** Johnny Meit  
Oceans of Energy

## 10.45-12.00 ACADEMIC SESSION 2: "RENEWABLE INTEGRATION, ENERGY SYSTEMS & TECHNOLOGY INNOVATION"

**Chair:** Ilias Tsopelas, Energy analyst, HAEE

### 1) Improving Energy Security through Electricity Storage in Open and Semi-Open Markets

**Author:** Steivan Defilla

**Presenter:** Steivan Defilla  
APEC Sustainable Energy Center

### 2) Energy Forecasting at the Secondary Substation Level for DSO Participation in Residential Local Flexibility Markets

**Author:** Nikolaos Fesakis, Theodore Tranos, Thomas Vasileiou, Maria Koutsoupidou, Sotirios Christopoulos, Georgios Loukos

**Presenter:** Thomas Vasileiou  
Research and Innovation Department, HEDNO

### 3) CHARTING THE ENERGY TRANSITION: Rethinking Green Policy Strategy and Sustainable Technology Integration for Energy Efficiency Gains – Sectoral Evidence from Europe

**Author:** Nikos Chatzistamoulou, Andriana G. Dimakopoulou

**Presenter:** Nikos Chatzistamoulou

Department of Economics, Laboratory of Economics of Strategy, Innovation and Sustainability – LENS, University of Patras

### 4) Navigating Electricity Market Design of Greece: Challenges and Reform Initiatives

**Author:** Eleni Ntemou, Filippos Ioannidis, Kyriaki Kosmidou, Kostas Andriosopoulos

**Presenter:** Eleni Ntemou

Aristotle University of Thessaloniki

12.15-13.30

## ACADEMIC SESSION 3: "ENERGY ACCESS & COMMUNITY-BASED TRANSITIONS"

**Chair:** Vasiliki Gemeni, Research associate, HAEE

### 1) What can be done to eliminate urban-rural divides in electrification rates to establish equitable energy accessibility across South Asia?

**Author:** Muntasir Murshed, A.K.M. Atiqur Rahman

**Presenter:** Muntasir Murshed

North South University, Bangladesh

### 2) Decentralised District Heating in the EU: Evaluating the Paradox and Proposing a Framework for Energy Community Expansion

**Author:** Eirini Sampson, Zen Makuch

**Presenter:** Eirini Sampson

Imperial College London

### 3) Life - Cycle Cost Analysis (LCCA) of Energy Interventions in Hellenic Building Stock with Emphasis on the Replacement of the Heating System/ Production of Domestic Hot Water

**Author:** Platon Pallis, Sotirios Karellas, Antonios Liolios

**Presenter:** Antonios Liolios

Enaon Sustainable Networks Single Member Société Anonyme

### 4) Comparative Life Cycle Assessment of tree planting and seedling production in the LIFE Terra Project

**Author:** Argyro Aliko Zioga, Stavros Gennitsaris, Christos Emmanuel Papadelis, Dimitrios Sotirios Kourkoupas, Angeliki Sagani

**Presenter:** Argyro Aliko Zioga

Centre for Research & Technology Hellas /Chemical Process and Energy Resources Institute (CERTH/CPERI)

### 5) Life cycle evaluation of innovative solid state transformer

**Author:** Aikaterini-Maria Zarogianni, Marianna Kama, Dimitrios-Sotirios Kourkoupas, Maria Fotopoulou, Dimitrios C. Rakopoulos

**Presenter:** Aikaterini-Maria Zarogianni

13.30-14.30 Networking lunch & coffee

14.30-15.45 **ACADEMIC SESSION 4: "LOW-CARBON FUELS & SECTORAL DECARBONIZATION"**

**Chair:** Nektaria Karakatsani, Energy Advisor, Hellenic Parliament

**1) Modeling Adaptive Strategies Technologies Towards Climate-Neutral Shipping**

**Author:** Olympia Nisiforou, Chris Deranian, Angelos Alamanos, Jorge Andres Garcia, Phoebe Koundouri

**Presenter:** Chris Deranian, Athens University of Economics and Business

**2) Natural Gas: Overcoming the Challenges to Gas Turbines in Adopting Carbon Capture Utilization & Storage**

**Author:** Hemmat Safwath

**Presenter:** Hemmat Safwat, Energy Development Services

**3) A possible step forward to green hydrogen expansion**

**Author:** Vincenzo D'Ascanio

**Presenter:** Vincenzo D'Ascanio, Tiemes srl

**4) Evaluating the Greek National Energy and Climate Plan: Water-Energy-Emissions Assessment for the Industry Sector**

**Author:** Stathis Devves, Giannis Arampatzidis, Angelos Alamanos, Phoebe Koundouri

**Presenter:** Stathis Devves, Athens University of Economics and Business

**5) Better Safe than Sorry! Fire and Flood Hazards to PV Parks**

**Author:** Aggelos Pallikarakis, Flora Konstantopoulou

**Presenter:** Aggelos Pallikarakis, EXERGIA S.A.

**6) Domestic Solar Water Thermal Systems through Life Cycle Assessment**

**Author:** A. P. Vouros, M. Souliotis

**Presenter:** A. P. Vouros



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Established in 1998, HELLENiQ ENERGY Holdings S.A. is one of the leading energy groups in Southeast Europe, engaged in various activities across the energy value chain and operating in six countries. We are actively driving energy transformation in all our markets, while embracing innovation and developing new initiatives.

Our aim is to become a leading provider of low-carbon energy solutions and to improve our processes with the goal of reaching net-zero emissions by 2050

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Akvo Energy is a French multinational company, based in Paris, active in the renewable energy sector worldwide. It operates in 18 countries and has been present in Greece since 2018. Akvo Energy develops, manufactures and operates RES projects with major technologies such as wind, photovoltaic, hydroelectric as well as biomass projects. So far the company has invested more than € 2.5 billion in RES projects worldwide. Its potential includes 1.3GW projects under construction, financing and construction as well as 2.13GW projects under development. Akvo Energy's presence in Greece signals the company's strong interest in the entire Balkan region as it has already completed significant investments in the area.



ECO Hellas group of companies specialises in the development and operation of renewable energy projects, providing end-to-end services thanks to its international expertise and experience.

ECO Hellas has been operating in Greece since 2017 and, employs its local and global experience, the ability and know-how in cooperating with leading multinational companies in the sector and the expertise of its executives, to carry out extremely complex and demanding projects.

It is certified according to ISO 9001, 14001 and 45001 and places particular emphasis on ensuring sustainability and adhering to the requirements of the circular economy.

Its projects in Greece and the Balkans include photovoltaic parks and biogas, gasification and biomethane projects with a total capacity of over 2 Gigawatts, offering services ranging from development, design and implementation design and implementation to commissioning, maintenance and management throughout the projects lifetime.

Its partners include CERO Generation, with whom it is collaborating on the development of photovoltaic parks with a capacity of over 1GW in Greece.

## GOLD SPONSORS



FARIA Renewables stands as one of the most innovative and dynamic companies in the Renewable Energy sector in Greece, with a strategic focus on the development, implementation, and management of green energy projects both domestically and internationally. Guided by sustainability, innovation, and technological excellence as its core pillars, the company invests in photovoltaic, wind, and hybrid projects, cultivating a diversified energy portfolio. In alignment with national and European objectives for a sustainable energy future, FARIA leverages state-of-the-art technologies that facilitate the energy transition and accelerate the shift towards clean power generation.

FARIA's current project portfolio in Greece exceeds 3,200 MW, encompassing renewable energy projects at various stages of maturity, committed to further expanding its portfolio in the coming years.

FARIA's diversified portfolio includes energy storage projects, ground-mounted and floating photovoltaic systems, as well as offshore and onshore wind farms. In parallel, the company is strategically integrating green hydrogen production units, agrivoltaic systems, and other pioneering green innovations. Particularly, emphasis is placed on incorporating circular economy practices, such as materials' recycling and environmental life cycle assessment (LCA) of the projects.



IPTO - Independent Power Transmission Operator is responsible for the operation, monitoring, maintenance, and development of the Hellenic Electricity Transmission System, ensuring a safe, reliable, and uninterrupted power supply across Greece.

Through its Ten-Year Network Development Plan, IPTO is implementing strategic investments aimed at transforming Greece's energy landscape. Key priorities include the electrical interconnection of major Greek islands with the high-voltage mainland grid by the end of the decade, the strengthening and modernization of the continental power grid, and the facilitation of the country's transition to a cleaner and more sustainable energy mix.

Flagship projects in IPTO's investment program include the Crete-Attica power link—one of the largest island interconnections globally—the completion of the Cyclades interconnections, and the upcoming integration of the Dodecanese and North-East Aegean islands into the national grid.

At the same time, IPTO is designing and developing a new generation of international interconnectors with all neighboring countries (Italy, Bulgaria, Albania, North Macedonia, and Turkey), as well as with the Eastern Mediterranean region (Cyprus, Israel, Egypt, and Saudi Arabia), positioning Greece as a key energy hub in Southeastern Europe and beyond.

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RWE is leading the way to a clean energy world. With its investment and growth strategy Growing Green, RWE is contributing significantly to the success of the energy transition and the decarbonisation of the energy system. Around 20,000 employees work for the company in almost 30 countries worldwide. RWE is already one of the leading companies in the field of renewable energy. RWE is investing billions of euros in expanding its generation portfolio, in particular in offshore and onshore wind, solar energy and batteries. It is perfectly complemented by its global energy trading business. RWE is decarbonising its business in line with the 1.5- degree reduction pathway and will phase out coal by 2030. RWE will be net zero by 2040. Fully in line with the company's purpose - Our energy for a sustainable life.



# HAEE ENERGY TRANSITION SYMPOSIUM

*10 years*

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