

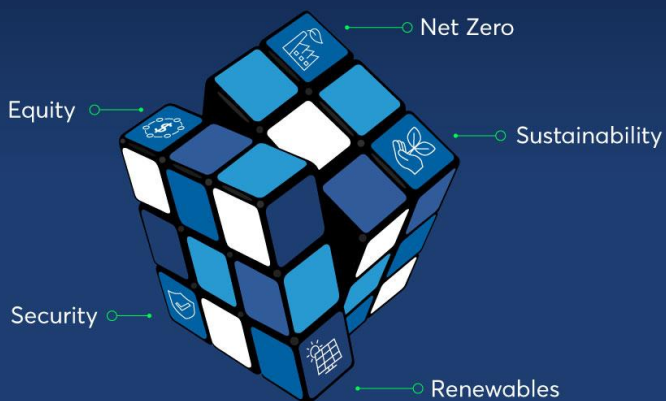
– 8<sup>TH</sup> HAAE –  
**ENERGY  
TRANSITION  
SYMPOSIUM**

## Rethinking Energy:

The new state of play  
for a secure and  
sustainable future

27-29 SEPTEMBER 2023  
FRENCH INSTITUTE OF GREECE

**HAAE** HELLENIC  
ASSOCIATION for  
ENERGY ECONOMICS  
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## 8<sup>th</sup> HAAE ENERGY TRANSITION SYMPOSIUM:

“Rethinking Energy: The new state of play for a secure and sustainable future”

27-29 September 2023

French Institute of Greece

# DRAFT AGENDA

Venue: Auditorium “Théo Angelopoulos”, French Institute of Greece, Sina 31, 106 80, Athens

## DAY 1 | Wednesday, September 27, 2023

09.00-09.30 Registration & Networking

09.30-09.40 **WELCOME ADDRESSES**

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

**Nicolas Eybalin**, Counsellor for Cooperation and Cultural Action, French Embassy in Greece;  
Director, French Institute of Greece

09.40-10.00 **KEYNOTE ADDRESS: DECODING THE FUTURE OF GREEK ENERGY MARKET**

**Alexandra Sdoukou**, Deputy Minister of Environment and Energy, Hellenic Republic

10.00-10.15 **KEYNOTE ADDRESS: THE ROLE OF ENERGY DEMOCRACY IN THE TRANSITION**

**Fragiskos Parasiris**, Member of the Hellenic Parliament, Iraklio; Director of Energy Sector,  
PASOK-KIN.AL.

10.15-10.45 **PANEL 1: RETHINKING ENERGY MARKETS AND REGULATION**

- **Impact of the energy transition on the Regulatory frameworks**
- **New Technologies and Market Schemes**
- **Market Competition and Regulatory Challenges**

Speakers: **Athanasios Dagoumas**, President, Regulatory Authority for Waste, Energy and Water (RAAEY);  
Assoc. Professor, University of Piraeus

**Andreas Poulikkas**, Chairman, Cyprus Energy Regulatory Authority

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

10.45-11.45 **PANEL 2: UNLEASHING GREEK RES POTENTIAL IN THE NEW REPOWEREU ERA**

- **The RES sector and the revised NECP**
- **Development of New RES Projects in short and long term**
- **The three R's: Reliable, Resilient and Renewable Energy**

Speakers: **Konstantinos Mavros**, CEO, PPCR

**Aristotelis Chantavas**, Head of Europe Area, Enel Green Power; President, SolarPower Europe

**Thalia Valkouma**, President and CEO, Faria Renewables S.A.

**Panagiotis Doumas**, Director and Member of the Executive Committee, Howden

**Alexis Goybet**, Country Manager, Voltalia Greece

Moderator: **Dimitris Pefanis**, Manager, CNN Greece

11.45-12.00 **Coffee break**

12.00-12.50 **PANEL 3: ENERGY COOPERATION AND INVESTMENT DRIVERS TOWARDS 2030**

- **US-Greece Energy Collaboration**
- **The role of the banking sector in the energy transition**
- **Climate change and Insurance for Energy Assets**

Speakers: **George J. Tsunis**, United States Ambassador to the Hellenic Republic

**Eleni Vrettou**, CEO, Attica Bank

**Dimitris Tsesmetzoglou**, CEO, HOWDEN Greece & Cyprus

Moderator: **Kostas Andriosopoulos**, BoD Member, HAEE; Professor, Audencia Business School; CEO, Akuo Energy Greece

12.50-13.30 **PANEL 4: ELECTRICITY MARKETS TRANSFORMATION PATHWAYS**

- **New business models and pricing mechanisms**
- **Optimization and Incentives to streamline Investments**
- **Cost-competitiveness and future electricity markets**

Speakers: **Derek Bunn**, Professor, London Business School; Founding Editor, Journal of Energy Markets

**Nikos Frydas**, Vice President, Grant Thornton Business Solutions

Moderator: **Bassam Fattouh**, Director, Oxford Institute for Energy Studies; Professor, School of Oriental and African Studies, University of London

13.30-15.00 **Lunch**

15.00-15.45 **PANEL 5: ENERGY SECTOR TRANSFORMATION THROUGH ESG PRINCIPLES**

**Fernando Kalligas**, Director of Corporate Affairs, ESG & Communication, DESFA SA (TBC)

15.45-17.00 **PANEL 6: FROM LOCAL TO GLOBAL: GREEK RES AND EUROPE'S ENERGY SECURITY**

- **French-Greek cooperation and synergies**
- **Green Investments towards an integrated and sustainable Europe**
- **Supporting record-breaking RES deployment and the role of interconnections**

Speakers: **François de Ricolfis**, Head of the Regional Economic Service for SouthEast Europe, Embassy of France in Greece

**Éric Scotto**, Chairman and Co-Founder, Akuo Energy

**Loukas Lazarakis**, Head of Energy, Intrakat

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

**Ioannis Karydas**, CEO, Renewables and Battery Storage Business Unit, Copelouzos Group

Moderator: **Thomas Lamnidis**, Managing Director, Lamnidis Law

17.00-17.20 **KEYNOTE ADDRESS: THE COMPLEX GEOPOLITICAL REALITY AND THE ENERGY TRANSITION**

**Geoffrey Pyatt**, *Assistant Secretary, Bureau of Energy Resources, U.S. Department of State (online)*

In discussion with:

**Kostas Andriosopoulos**, BoD Member, HAEE; Professor, Audencia Business School; CEO, Akuo Energy Greece

**Cocktail Reception**

## DAY 2 | Thursday, September 28, 2023

### 09.30-10.00 **KEYNOTE ADDRESS: THE NEW STATE OF PLAY IN THE ENERGY SECTOR**

**Theodoros Skylakakis**, Minister of Environment and Energy, Hellenic Republic

*In discussion with:*

**Kostas Andriospoulos**, BoD Member, HAEE; Professor, Audencia Business School; CEO, Akuo Energy Greece

### 10.00-10.45 **PANEL 7: RENEWABLE ENERGY INFRASTRUCTURE AND MARKET DEVELOPMENT**

- **EU and Greek Renewable Energy Markets Update**
- **The role of RES and Energy Storage in Consumer Energy costs**
- **Integration of Large-Scale Renewables and Utility-Scale Battery Storage**

Keynote Speaker:

**Dimitris Fourlaris**, Vice President, RAAEY

Speakers: **Yiannis Yiarentis**, President and CEO, DAPEEP

**Arthouros Zervos**, President, Renewable Energy Policy Network for the 21st Century (REN21)

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

**Vassilis Georgiou**, Managing Director, Protasis

Moderator: **George Ioannou**, Professor, Athens University of Economics and Business

### 10.45-11.30 **PANEL 8: REDEFINING THE ENERGY LANDSCAPE TOWARDS A NET ZERO ERA**

- **Steering green energy revolution and Energy Policy tools**
- **Future Energy Scenarios and Outlook**
- **Net Zero in Water Industry**

Speakers: **Stavros Spyridakis**, Ambassador in charge of Green and Digital Transition, Ministry of Foreign Affairs of the Hellenic Republic, C2 Directorate for European Integration, Economic and Monetary Policy, Internal Market and other Policies

**Dimitris Tsitouridis**, Policy Officer, DG Energy, European Commission (online)

**Representative**, EYDAP

**Apostolos Petropoulos**, Energy Modeller, IEA (online)

Moderator: **George Kremlis**, fmr. Advisor to the Greek PM, Honorary Director of the EC, Member of the Board, EPLO

11.30-12.00 **Coffee Break**

12.00-13.00 **PANEL 9: HYDROCARBON ENERGY TRANSITION PATHWAYS**

- **Leveraging National Resources and Exploration Phases Update**
- **Achieving climate neutrality in Natural Gas Networks**
- **Hydrocarbons and Renewable Energy equilibrium towards 2050**

Speakers: **Aristofanis Stefatos**, CEO, Hellenic Hydrocarbons & Energy Resources Management Company SA

**Ioannis Maris**, Country Representative Greece, Trans Adriatic Pipeline AG

**Lucian Pugliaresi**, President, Energy Policy Research Foundation (EPRINC)

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

13.00-14.15 **Lunch**

14.15-14.45 **HAEE ANNUAL AWARD CEREMONY**

Keynote Speaker:

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

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

*to be awarded "for his outstanding contribution to scientific research especially in Greek Coal Regions in Transition"*

14.45-16.15 **PANEL 10: RECENT GAS DEVELOPMENTS IN THE MEDITERRANEAN BASIN**, powered by the **GLOBAL GAS CENTRE**

Speakers: **Maria Rita Galli**, CEO, DESFA

**Samia Hamadache**, Director of the Gas Marketing Division, Sonatrach

**Naji Abi-Aad**, COO of Petroleb, Senior Advisor to Global Gas Centre

**Panayiotis Mitrou**, Global Gas Segment Director, Lloyd's Register

Moderator: **Thierry Bros**, VP Policy & Research, Tellurian

16.15-16.45 **PANEL 11: GREEN ECONOMY AND ELECTRICITY GRIDS**

- **Greece 2.0, REPowerEU and climate change**
- **Grid Capacity and New Interconnections**

- **RES, Storage and Grid congestion**

Speakers: **Nikos Papathanasis**, Alternate Minister of Economy and Finance, Hellenic Republic  
**Manos Manousakis**, Chairman and CEO, Independent Power Transmission Operator

Moderator: **Kostas Andriosopoulos**, BoD Member, HAEE; Professor, Audencia Business School; CEO, Akuo Energy Greece

16.45-17.30 **PANEL 12: CARBON-FREE FUTURE: HYDROGEN AND RENEWABLE GASES**

- **Scaling up hydrogen production and the role of Hydrogen Bank**
- **Green hydrogen and Innovation hub in Western Macedonia**
- **The Emerging Hydrogen and Renewable Gases Economy**

Keynote Speaker:

**Maria Spyraiki**, Member of the European Parliament, Nea Dimokratia Party

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

**Eleni Bairami**, CEO, ECO Hellas

**Emmanouil Kakaras**, Executive Vice President NEXT Energy Business, Head of Duisburg Branch, Mitsubishi Heavy Industries EMEA, Ltd., Duisburg Branch

Moderator: **Dimitris Pefanis**, Manager, CNN Greece

## DAY 3 | Friday, September 29, 2023

### 09.30-10.15 **PANEL 13: EUROPE IN ENERGY TRANSITION: A COMMON CHALLENGE**

- **Insights on Policies in UK and Netherlands**
- **National Energy Plans and Outlooks towards 2050**
- **Green Energy Transition Paradigms**

Keynote Speakers:

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

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

In discussion with:

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

### 10.15-11.15 **PANEL 14: CLIMATE RESILIENCE AND SUSTAINABLE INVESTMENTS**

- **Adapting Energy Sector to Climate Change**
- **Energy transition and sustainable corporate governance**
- **Fostering the deployment of renewable sources in the region**

Keynote Speaker:

***Petros Varelidis**, General Secretary for Natural Environment and Water Resources, Ministry of Environment and Energy, Hellenic Republic*

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

**Panagiotis Papastamatiou**, Director, ENTEKA; CEO, Hellenic Wind Energy Association

**Dusko Krsmanovic**, Country Head, UK Export Finance (UKEF) for the Western Balkans and Central and Eastern Europe

Moderator: **Yanos Michopoulos**, Course Leader, New Energy Business School

11.15-11.45 **Coffee Break**

### 11.45-12.00 **KEYNOTE ADDRESS: LOW-CARBON ECONOMY IN THE TRANSPORTATION SECTOR**

**Ioannis Xifaras**, General Secretary of Transport, Ministry of Infrastructure and Transport, Hellenic Republic

### 12.00-12.15 **KEYNOTE ADDRESS: SUSTAINABLE AND RESILIENT CITIES**

**Haris Doukas**, Professor and Deputy Dean, School of Electrical and Computer Engineering, National Technical University of Athens (NTUA)



12.15-12.25 **ACADEMIC PAPER AWARDS**

12.25-12.40 **VERIFY: A CUTTING-EDGE SOFTWARE FOR REAL-TIME ASSESSMENT OF A BUILDING'S OR A DISTRICT'S ENERGY RESOURCES, AND THE RELATED IMPACT OVER THE COURSE OF THEIR LIFECYCLE**

**Nikos Nikolopoulos**, Director of Research (Researcher A') at the Chemical Process and Energy Resources Institute, CERTH

12.40-13.30 **PANEL 15: REIMAGINING ENERGY LANDSCAPES: UNLOCKING THE POTENTIAL OF GREEK AND EU ISLANDS IN THE ENERGY TRANSITION, POWERED BY NESOI EUROPEAN ISLANDS FACILITY**

- **Renewable Energy, Grid Integration and Energy Storage in the islands**
- **Islands Initiatives and Creating Synergies**
- **Financial Instruments and Opportunities for Sustainable Investments**

Keynote speaker:

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

Speakers: **Andrea Martinez**, Deputy Managing Director SINLOC - Sistema Iniziative Locali S.p.A.

**Kostas Komninos**, General Manager, DAFNI Network of Sustainable Greek Islands

**Konstantinos Kyparissis**, Director of Storage & Islands Energy Transition Unit, Public Power Corporation

Moderator: **Thanos Zarogiannis**, Advisor to the Deputy Minister of Energy, Greek Ministry of Environment & Energy

13.30 **CLOSING REMARKS**

## Concurrent Sessions

**Day 2 | Thursday, September 28, 2023**

**Venue: Auditorium “Gisèle Vivier”, French Institute of Greece, Sina 31, 106 80, Athens**

10.15-11.30 | Auditorium “Gisèle Vivier”

### **SESSION 1: “ENERGY TRANSITION, ENERGY EFFICIENCY AND NET-ZERO PATHWAYS”**

**Chairs:** Lucian Pugliaresi / Emilios Galariotis

#### **A Critical Assessment of the IEA’s Net Zero Scenario, ESG, and the Cessation of Investment in New Oil and Gas Fields**

**Authors:** Batt Odgerel, Lucian Pugliaresi, Michael Lynch

**Presenter:** Lucian Pugliaresi

Energy Policy Research Foundation (EPRINC)

#### **Dimensions in energy transition**

**Authors:** Maria Spyra<sup>1</sup>, Constantin Mellios<sup>2</sup>, Kostas Andriosopoulos<sup>3</sup>, Amine Loutia<sup>4</sup>, Sofia-Natalia Boemi<sup>5</sup>

**Presenter:** Maria Spyra

<sup>1</sup>Europarliament and Prism-Sorbonne, <sup>2</sup>Prism – Sorbonne, <sup>3</sup>Audencia Business School, <sup>4</sup>Prism – Sorbonne,

<sup>5</sup>Aristotle University of Thessaloniki

#### **Verify: Enhancing long term value and sustainability of buildings**

**Authors:** Paraskevi Giourka, Nikolaos Nikolopoulos

**Presenter:** Paraskevi Giourka

Center of Research and Technology Hellas (CERTH)

11.30 - 12.00 **Coffee Break**

12.00-13.15 | Auditorium “Gisèle Vivier”

### **SESSION 2: “OFFSHORE WIND: CIRCULARITY, RARE EARTHS AND INNOVATIVE END-USES”**

**Chairs:** Spiros Papaefthimiou/Arthouros Zervos

#### **CTO: Circular transition in offshore wind**

**Author:** Chris Blommaert

**Presenter:** Chris Blommaert

Parkwind

#### **Offshore wind turbines and the rare earths supply chain**

**Authors:** Ramzi Benkraiem<sup>1</sup>, Lisa Depraeter<sup>2</sup> and Stéphane Goutte<sup>3</sup>

**Presenter:** Lisa Depraeter

<sup>1</sup>Audencia Business School Nantes, France, <sup>2</sup>UMI SOURCE, University Paris Saclay, UVSQ, IRD, France

#### **ISHY – Hydrogen refueling station for the offshore wind industry**

**Author:** Ioannis Skarakis, Jochem Vermeir

**Presenter:** Ioannis Skarakis  
Parkwind

13.15 - 14.30 **Lunch Break**

14.30-14.45 | Auditorium “Théo Angelopoulos”

### **HAEE ANNUAL AWARD CEREMONY**

14.45-16.15 | Auditorium “Gisèle Vivier”

### **SESSION 3: “GHG EMISSIONS: CAPTURING, REPORTING AND PRICING”**

**Chairs:** Amine Loutia

#### **Mandatory Greenhouse Gas Emissions Reporting and Firm Environmental Litigation Risk**

**Authors:** Androniki Triantafylli<sup>1</sup>, Chen Huang<sup>2</sup>, Victoria Patiska<sup>3</sup>, Yu Zhang<sup>4</sup>

**Presenter:** Androniki Triantafylli

<sup>1</sup>ALBA Graduate Business School & Queen Mary University of London, <sup>2</sup>Kent Business School, University of Kent, <sup>3</sup>Cardiff Business School, University of Cardiff, <sup>4</sup>School of Business, University College Dublin

#### **Carbon Dioxide and Methane Emissions Intensity of US LNG, Pipeline Gas and Coal Supply Chains**

**Authors:** Athanasia Arapogianni Konisti, Christopher Goncalves

**Presenter:** Athanasia Arapogianni Konisti

Berkeley Research Group

#### **DAC is an indispensable source of carbon in the defossilization of the chemical industry**

**Authors:** Ivonne Servin-Balderas<sup>1</sup>, Koen Wetser<sup>2</sup>, Cees Buisman<sup>3</sup>, Bert Hamelers<sup>4</sup>

**Presenter:** Ivonne Servin-Balderas

<sup>1,2</sup>Wageningen University and Research, <sup>3,4</sup>European Centre of Excellence for Sustainable Water Technology and Wageningen University and Research

#### **Lost in the crowd! Pricing Carbon in the age of algorithms**

**Author:** Iordanis Kalaitzoglou

**Presenter:** Iordanis Kalaitzoglou

Audencia Business School

16.15-17.30 | Auditorium "Gisèle Vivier"

## **SESSION 4: "ENERGY TRANSITION, ENERGY EFFICIENCY AND NET-ZERO PATHWAYS"**

**Chairs:** Derek Bunn / Kostas Andriosopoulos

### **Benefits of integrating power plant controllers for photovoltaic generation with active and reactive power capabilities in modern distribution networks**

**Authors:** Vassilis Kleftakis, Vassilis Bakolas, Petros Katsikas, Sotiris Tsitsias

**Presenter:** Vassilis Kleftakis

Protasis SA

### **Climate Change Adaptation Case Study: Replacing Overhead Distribution Power Lines with Underground Cables in Tatoi, Athens**

**Authors:** Aikaterini Gkika<sup>1</sup>, Efstratios Zacharis<sup>2</sup>, Georgios Karanasos<sup>3</sup>, Dimitrios Skikos<sup>4</sup>, Efthymios Lekkas<sup>5</sup>

**Presenter:** Aikaterini Gkika

<sup>1</sup>National & Kapodistrian University of Athens, <sup>2,3</sup>Hellenic Electricity Distribution Network Operator, <sup>4</sup>Hellenic Open University, <sup>5</sup>National & Kapodistrian University of Athens

### **Liquefied natural gas prices and their relationship with a country's energy mix: A case study for Greece**

**Authors:** Christos Bentsos<sup>1</sup>, Kyriaki Louka<sup>2</sup>, Konstantinos Melas<sup>3</sup>, Nektarios Michail<sup>4</sup>

**Presenter:** Christos Bentsos

<sup>1</sup>University of Piraeus, <sup>2</sup>Central Bank of Cyprus, <sup>3</sup>University of Western Macedonia, <sup>4</sup>Central Bank of Cyprus

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