

**IENE WORKSHOP**

**The Economics  
of CCUS  
Applications**



**WEDNESDAY**

**12**

**MARCH  
2025**

**Technical Chamber  
of Greece**

**Speakers Biodata**

**Costis Stambolis, Chairman & Executive Director, Institute of Energy for SE Europe (IENE)**

Mr. Costis Stambolis who is the Executive Director of IENE, has a background in Physics and Architecture having studied at the University of London, the North East London



Polytechnic (NELP) and the Architectural Association in London from where he holds a Graduate Diploma in Architecture and Energy Studies (AA Dip. Grad). He also holds a professional practice license from the Technical Chamber of Greece (TEE), and a Masters Degree from the Said Business School, University of Oxford, where he studied "Strategy and Innovation".

Costis has carried out numerous studies and projects on Renewable Energy Sources in developing countries. He has consulted widely on solar building applications for both private and institutional clients in various European countries. He has worked as a consultant and strategy advisor on natural gas, oil markets and energy security issues for large multinational companies, international organizations and governments.

Costis has lectured widely on energy issues and has organised several national, regional and international conferences, seminars and workshops. He has published several books, conference proceedings, research papers and studies on energy policy, solar energy, RES and energy markets. Among others he is the editor of the "S.E. Europe Energy Outlook (2011,2017, 2022)", which considered a basic reference on energy for SE Europe.

Since 2001 he supervises and edits daily Greece's foremost energy site [www.energia.gr](http://www.energia.gr). He is a founding member of the Institute of Energy for South East Europe (IENE), which he currently chairs. He is a member of the Energy Institute (UK), the International Passive House Association (IPHA), The Technical Chamber of Greece (TEE). Since 2018 he also serves as a full member of the Greek government's standing committee on Energy and Climate Change (NECP).

**Dr. Dionysia-Theodora Avgerinopoulou, Chair of the Committee of Environmental Protection of the Hellenic Parliament, Vice - Chair of the IPU, Member of the Hellenic Parliament**



Η Δρ. Διονυσία-Θεοδώρα Αυγερινπούλου είναι Ειδική Απεσταλμένη του Έλληνα Πρωθυπουργού για τους Ωκεανούς και Βουλευτής Ηλείας. Ήταν επικεφαλής της 9ης Διεθνούς Διάσκεψης «Our Ocean Conference». Διατελεί Πρόεδρος της Ειδικής Μόνιμης Επιτροπής Προστασίας Περιβάλλοντος και της Υποεπιτροπής Υδατικών Πόρων της Βουλής των Ελλήνων, καθώς και Αντιπρόεδρος της Διακοινοβουλευτικής Ένωσης στη Γενεύη της Ελβετίας.

Έχει διατελέσει Αντιπρόεδρος του Παγκόσμιου Οργανισμού Υδάτων (Global Water Partnership Organization) στη Στοκχόλμη, Αντιπρόεδρος της Μεσογειακής Επιτροπής για τη Βιώσιμη Ανάπτυξη του UNEP/MAP και Πρόεδρος του Κύκλου Μεσογειακών Κοινοβουλευτικών για τη Βιώσιμη Ανάπτυξη στην Αθήνα. Επίσης, υπήρξε Επικεφαλής του Τομέα Υδάτων της Επιτροπής Ενέργειας και Περιβάλλοντος του Διεθνούς Εμπορικού Επιμελητηρίου στο Παρίσι.

Η Δρ. Αυγερινπούλου έχει εκλεγεί Young Global Leader του Παγκόσμιου Οικονομικού Φόρουμ για την ηγετική της δράση στην προστασία του περιβάλλοντος και στην καταπολέμηση της κλιματικής αλλαγής. Έχει τιμηθεί με το Βραβείο «Green Star» από τον OHE (UNEP/OCHA/Green Cross International) για τις προσπάθειές της στην πρόληψη και αντιμετώπιση περιβαλλοντικών καταστροφών.

Επιπλέον, επιλέχθηκε ως μία από τις «40Under40» Ευρωπαϊκές Νέες Ηγέτες, ενώ έχει λάβει Ειδική Αναγνώριση από το Αμερικανικό Κογκρέσο και το Βραβείο Παγκόσμιας Ιθαγένειας για την Ηγεσία στην Ανθρωπιστική Βοήθεια από τον οργανισμό Orphans International Worldwide (2010). Τέλος, έχει τιμηθεί με το Διεθνές Βραβείο «Θεά Άρτεμις» από το Euro-American Women's Council, για τη συνεισφορά της στη διατλαντική συνεργασία μεταξύ ΗΠΑ και ΕΕ σε θέματα περιβάλλοντος και κλιματικής αλλαγής.

Είναι δικηγόρος, κάτοχος Διδακτορικού Διπλώματος στο Διεθνές Περιβαλλοντικό Δίκαιο από τη Νομική Σχολή του Πανεπιστημίου Columbia στη Νέα Υόρκη.

Μιλά ελληνικά, αγγλικά, γαλλικά, γερμανικά και ισπανικά. Είναι μητέρα ενός μικρού αγοριού.

## SESSION 2 – PRESENTATION OF IENE'S STUDY

### **Kostis Oikonomopoulos, Petroleum Geoscientist – Research Fellow IENE**



Before joining IENE as a Research Fellow in September 2023, Kostis Oikonomopoulos spent over six years at HEREMA SA, Greece, where he served as the primary seismic interpreter and petroleum geoscientist, specialising in prospectivity analyses and regional understanding. In this capacity, he also coordinated two important oil and gas Lease Agreements ("West of Crete" and "Southwest of Crete"), offering technical subsurface expertise on licensing matters, stewardship and monitoring of licence work programmes and activities. Also, he assisted in compiling and reviewing contracts regarding seismic acquisition and processing projects and at the same time supervised and managed HEREMA's data repository as well as its digitization and restructuring.

Prior to his tenure at HEREMA SA, Kostis worked as a Business Development geoscientist in the UK, for Spectrum Geo Ltd (now TGS) from 2012. In this role, he managed, initiated, and evaluated seismic acquisition and processing projects while liaising and engaging in negotiations with government authorities and National Oil Companies in the Mediterranean Sea, Black Sea and sub-Saharan Africa.

Kostis holds a Bachelor's degree in Geology from the University of Athens and pursued further education with two Master's degrees—one in hydrocarbons management from the University of Aberdeen and another in petroleum geoscience from the Royal Holloway, University of London. His career began in 2007 as a Petroleum Geologist with Hellenic Petroleum SA (HelleniQ), where he was involved in hydrocarbon exploration work (geological and geophysical) in Egypt

### **Konstantinos Koutsogiannis, Business Development Director, ASPROFOS SA**



Konstantinos Koutsogiannis is a Business Development Director with over 15 years of expertise in the energy, oil, gas, and maritime sectors. Holding an Executive MBA from the International Hellenic University and an MEng in Mechanical Engineering from Aristotle University of Thessaloniki, he specializes in project management, strategic planning, and contract management. Konstantinos has played a pivotal role in expanding operations in Southeast Europe and the Middle East, driving growth and innovation at Asprofos Engineering S.A. He has led significant projects, including offshore wind farm business plans and hydrogen development initiatives, while cultivating strong client relationships and fostering team collaboration. A member of the Technical Chamber of Greece and the Project Management Institute, Konstantinos

combines technical acumen and leadership skills to deliver sustainable and impactful solutions across industries.

**Dr. Konstantina Tsalapati, Business Development & Environmental Specialist, ASPROFOS SA**



Dr. Konstantina Tsalapati is an environmental scientist and business development engineer with expertise spanning over a decade in environmental consulting, project management, research, and education. She holds a PhD in Public Understanding of Environmental Science, focusing on media influence on public behavior, and has excelled in roles involving Environmental and Social Impact Assessments, stakeholder engagement, and sustainability projects within the energy sector. With advanced skills in GIS, and project management, Dr. Tsalapati has contributed to critical projects, including the EastMed Pipeline and national environmental permits, while also mentoring and teaching at esteemed institutions such as Harokopio University and University of the Aegean. She is a dynamic professional with a proven ability to bridge academic insight and practical solutions in environmental and energy-related domains.

**Kleopatra Avraam, Strategic Planning Senior Director, DESFA**



She has been working in both the electricity and natural gas sector for the last 13 years mainly focusing on business development and business planning. Starting as an Energy Trader dealing with electricity transaction mainly between Greece and Bulgaria, she moved in the strategy team of the National Natural Gas Transmission System Operator (DESFA).

Her main responsibilities include analyses of new-business proposals that create and nurture opportunities and partnerships, identifying risks and benefits of said investment proposals with main outcome the building of action plans for strategic initiatives improving business performance as per DESFA's corporate strategy.

**Dr. Nikos Koukouzas, Director of Research, EKETA & Visiting Research Fellow  
IENE**



Dr Koukouzas holds a PhD in Industrial Mineralogy from the UK and has over 27 years of experience in industrial geology, energy technologies, geomechanics, applied petrology and CO2 geological storage. Since 2003, he is the Director of Research at the Centre for Research & Technology Hellas / Chemical Process and Energy Resources Institute (CERTH/CPERI) and Scientific Responsible at over 55 EU research projects, with a team of more than 40 scientists. Previously, he held positions as Policy Officer, Detached National Expert in the European Commission, Direction General for Energy (DG ENER) (2020-2022), Coordinator of EU experts and Gulf countries experts on Carbon Capture and Storage for the EU-Gulf Countries Clean Energy Network (2010- 2013) and, Scientific Officer, Detached National Expert in the European Commission, Direction General for Energy and Transport (1999-2003). Furthermore, Dr Koukouzas has served as a member of the Board of Directors of the Greek Institute for Geology and Mineral Exploration (IGME) and a Consultant to energy, construction and cement industries.

He has over 300 publications in Scientific Journals, 3500 citations and is a member of various University Boards and Editorial Boards in International Magazines including the International Journal of Greenhouse Gas Control.

**Theodore Terzopoulos, *Chemical Engineer (MSc), Gas Engineer (CEng), MBA, Energy & Renewable Gases Consultant, Chairman of IENE's Natural Gas Committee, Greece***



He has worked in the gas distribution sector for 35 years, holding, between others, the position of the General Manager in Gas Distribution Dept. at DEPA SA and General Manager of Strategy and Renewable Gases at DEDA SA and ENAON SA.

He had a leading role for the introduction and application in Greece of modern gas distribution technologies, including polyethylene grids, 4bar distribution pressure, tree shaped grids, smart meters and underground boring technology.

He headed the Maintenance & Safety Planning Directorate at British Gas for two years.

CEO at EDA SA and DEDA SA (gas distribution companies).

Pioneered the need for partial substitution of natural gas with locally produced renewable gases.

Member of:

- The Institution of Gas Engineers (UK): Member
- The Engineering Council (UK): Chartered Engineer



- Eurogas (EU): Distribution Committee, Member,
- GEODE (EU): The Association of European Energy Distributors, Member
- ISTT (INTER): The International Society for Trenchless Technology. Member
- IENE (GR): Natural Gas, Biomethane and Hydrogen Committee, Chairman

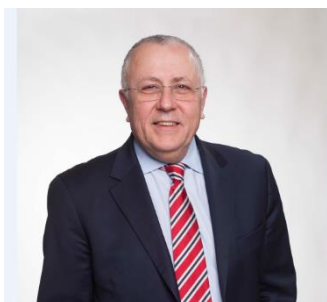
**Meliza Asimakopoulou, CCS Regulatory Affairs Director, TITAN CEMENT COMPANY SA**



Meliza Asimakopoulou has been the Director of Regulatory Affairs for the TITAN Group's Carbon Capture and Storage (CCS) value chain since July 2024. For the previous eight (8) years, she served as the Director of Regulatory Affairs for the HERON Group, while also being a member of the Strategy and Development Committee of TERNA ENERGY, a Board Member of "THERMOILEKTRIKI KOMOTINIS S.A."—the thermal power plant built in Komotini by GEK TERNA and MORE—a Board Member of "Optimus Energy," and a Board Member of the Suppliers' Association "ESPEN." Earlier in her career, she worked for ten (10) years at the Transmission System Operator (DESMIE), focusing on the remuneration of Renewable Energy Sources and then joined the Nominated Electricity Market Operator (LAGIE), specializing in market operation and market design. Previously, she held commercial executive positions at Info-Quest, Agilent Technologies, and Kantor.

Meliza Asimakopoulou is an Electrical Engineer from the National Technical University of Athens (NTUA) and holds a Master's degree in Business Administration from the University of Piraeus. She speaks English, French, and German.

**Anastasios Vlassopoulos, CEO, HELLENiQ UPSTREAM S.A.**



Tassos Vlassopoulos is the CEO of HelleniQ Upstream, the E&P arm of HelleniQ Energy.

Prior to this role (before 2020), he held senior international management positions at GE and has an overall 35 years of global experience (30+ years overseas), acquired in oil & gas, energy, strategy consulting (BCG), M&A and product management. He has also held a non-Exec Board position with PPC.

To reduce hydrocarbon production costs, he published an influential SPE paper on "Standardisation - Learnings from Industrial Sectors" in 2014 that led to many industry initiatives in the UKCS.

At the beginning of his career, he worked as a Research Officer at the London Business School, where he co-authored a book and academic articles on industrial and business strategy.

He holds a MSc in Operational Research from the London School of Economics and Political Science and a 1<sup>st</sup> class BSc (Hons) in Economics from the University of Piraeus.

### SESSION 3 – OVERVIEW OF CCUS PROJECTS IN EUROPE AND GREECE

**Dr. Mathilde Fajardy, *Energy Technology & Policy Analyst, INTERNATIONAL ENERGY AGENCY (IEA), Online***



Mathilde is an analyst working on carbon capture utilisation and storage (CCUS) at the International Energy Agency. Prior to this role, she was a research associate within the Energy Policy Research Group at the University of Cambridge. Mathilde holds a PhD in Environmental Policy and Process Systems Engineering from Imperial College, where she studied the role of bioenergy with carbon capture and storage (BECCS) in mitigating climate change.

**Dr. Katerina Sardis, *Greece Country Manager, ENERGEAN***



Katerina Sardis claims 25 years of experience as an energy expert. She started her career in energy consulting in London working on coal gasification to synthesis gas for Hitachi. She joined the Greek Regulatory Authority for Energy (RAE) in 2002 and in 2011 she became the Head of RAE's Energy Planning and International Affairs Department. Since 2015 she has been working as an energy expert, advising companies and consortiums on implementation of the overall EU legal and regulatory energy framework and claims not only specialized but also cross-sectional understanding of all aspects of EU energy and climate policy.

Her scientific work has been published in archive journals, and presented in peer reviewed conferences. She has contributed into several prominent technical assistance projects in the EU, Egypt, Turkey and other countries. She has also been teaching postgraduate courses at Greek academic institutions for over a decade on topics related to climate change, emissions trading and numerical modelling of flows and turbulent combustion. Katerina holds a Ph. D. in Fluid Mechanics and Natural Gas Combustion for Power Production, Mechanical Engineering Department, Imperial College, London and a Dipl. Eng. Mechanical Engineering Department, Aristotile University of Thessaloniki.



**Charalampos Kouris, CCS Project Process & Environment Manager, HERACLES Group**



Ο Χαράλαμπος Κουρής είναι πτυχιούχος Χημικός Μηχανικός και κάτοχος μεταπτυχιακού και διδακτορικού τίτλου σπουδών από το Πανεπιστήμιο της Πάτρας.

Εντάχθηκε στον Όμιλο ΗΡΑΚΛΗΣ το 2004 αναλαμβάνοντας σημαντικές θέσεις στα τμήματα Παραγωγής, Διεργασιών, Ποιότητας και Περιβάλλοντος σε δύο Εργοστάσια του Ομίλου στη Χαλκίδα και στο Βόλο. Εργάστηκε ως Διευθυντής Τεχνικής Υποστήριξης Πωλήσεων, Διευθυντής του Ελληνικού Κέντρου Ερευνών Τσιμέντου του Ομίλου και διετέλεσε ως Γενικός Διευθυντής Βιώσιμης Ανάπτυξης του Ομίλου ΗΡΑΚΛΗΣ.

**George Daskalakis, Head Technology Management, Strategy Division, MOTOR OIL (HELLAS) S.A. - Corinth Refineries SA**



Graduated from Aristotle University of Thessaloniki with a degree in Chemical Engineering and then from Sheffield University with a Master of Engineering in Process Safety and Loss Prevention. In 2005, received the MBA from the Athens University of Economics and Business.

Started his professional carrier in 1995 and up until 2004 held operational positions in the fields of lubricants, chemicals and fertilizers. Joined the Strategy Division of Motor Oil (Hellas) in 2004 and since then he has been involved in a variety of projects in the fields of refining, alternative fuels, renewable energy and new business development while actively following the European regulatory framework by his participation in relevant industrial associations.

Currently heading the Technology Management Department with a mission to streamline technology assessment and selection efforts in the era of energy transition.

**Dr. Panagiotis Grammelis, Director of Research, Centre for Research & Technology Hellas / Chemical Process & Energy Resources Institute (CERTH/CPERI)**

**Dr. Panagiotis Grammelis** is Director of Research at the **Chemical Process and Energy Resources Institute** of CERTH (CERTH/CPERI). During the last decade, he has participated as scientific responsible to 142 research projects with a total budget of 51.3 million euros, funded by the European Commission, the General Secretariat for Research and Innovation (GSRI), the Public Electricity Company (PPC) and other international industries. He has 25 years of experience in energy



production and environmental issues, specializing in the utilization of alternative fuels and low carbon energy technologies. He participates in the coordination committee of ETIP-Bioenergy, in the Biomass Panel of the RHC-ETP Platform (Chairman) and in the Committees of the GSRI for the Environment and Decarbonisation. He is a member of the Editorial Board of the international journals IJER, IJGW & Energies Journal / Fuels and the scientific committees of international conferences (GCGW, EUBCE, WSED). He is co-author in 420 papers in scientific journals, international conferences, workshops and books, with 4830 citations and h-Index 39 according to Scopus.

**Christodoulos (Christos) Dimas, Deputy Chairman of IENE, Chairman of the Geopolitics Committee, IENE, Greece**



- Topographer (1972) & Civil Engineer (1974), National Technical University of Athens
- He has managed major projects on Energy, Industry & Infrastructure (Europe, Saudi Arabia, Russia). He was a senior executive and Board member in various businesses and organizations (Petrola Hellas, Petrola International, Hellenic Petroleum, Helpe - Thraki, Trans Balkan, Construction companies, etc.)
- Christos Dimas represented the Greek Ministry of Development for international energy issues and participated in international conferences with presentations on the transport of oil and gas from Russia, Central Asia and the Caspian Sea to the International Markets

Among others he has held the Following positions:

- Refinery Project Manager (Petrola Hellas)
- Project Manager of Latsis Group in Greece
- He was the General Technical Director of TBP B.V. (Burgas -Alexandroupolis Oil Pipeline)
- He was the General Director of TBP B.V. (Burgas -Alexandroupolis Oil Pipeline) and Chief Executive Officer of TBP B.V. – Greece and General Manager of Helpe-Thraki SA.
- President of the Hellenic-Russian Chamber of Commerce (2011-2017).
- He was member of the International Council of the Russian Industry Organization (RSPP) in Moscow
- President of the EPEE Strategic Council in Moscow with members: Russia's Federal Chamber of Industry, Russia's Federation of Russian Industries (RSPP), Russian Academy (energy sector), Russia's Agency for Strategic Initiatives, Federation of Russian Construction Companies, the Federation of the Russian Pharmaceutical Industry,
- Founding Member and Partner of Institute of for Energy South East Europe (IENE)
- Deputy Chairman of IENE and Chairman of the Geopolitics & Energy Committee of the Institute