

IE NE WORKSHOP

CCUS Technologies in Greece and SE Europe

October 10, 2023



Speakers Biodata

**Dr. Dionysia-Theodora Avgerinopoulou, Member of the Hellenic Parliament,
Chair of the Permanent Parliamentary, Committee on Environmental,
Protection of the Hellenic Parliament**

Dr. Dionysia-Theodora Avgerinopoulou is Member of the Hellenic Parliament with the New Democracy Party and serves as the Chair of the Special Permanent Parliamentary Committee on Environmental Protection and its Subcommittee of the Watercourses of the Hellenic Parliament. She is Member of the Energy and Environment Committee of the International Chamber of Commerce and ICC Hellas and Member of ICC Women Hellas. She has previously served as the Vice-Chair of the Steering Committee of the Global Water Partnership Organization in Stockholm, Sweden, and the Head of Water of the Commission on Environment and Energy of the International Chamber of Commerce in Paris, France. Dr. Avgerinopoulou has also served as the Chairperson of the Standing Committee for the UN Affairs of the Inter-Parliamentary Union, in Geneva, Switzerland, and the Vice-Chair for the Mediterranean Commission for Sustainable Development, in Athens, Greece.



She is an attorney-at-law by profession. She holds an LL.M. in International Legal Studies from Georgetown University Law Center in Washington, D.C. and holds a Doctorate in International Environmental Law (J.S.D.) from Columbia University School of Law in New York, N.Y. She teaches International Public Law, International Environmental Law, Climate Change Law and Sustainable Finance Law.

She has been presented with several international environmental and humanitarian awards.

Kleopatra Avraam: Strategic Planning Senior Manager, DESFA

She has been working in both the electricity and natural gas sector for the last 12 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) actively participating on the elaboration of DESFA's Tariff Regulation and in the formulation of the relevant pricing model for the calculation of transmission system usage charges. She was responsible for the transposition of EU Regulation 460/2019 into



the Greek legal framework as well as the whole coordination and yearly monitoring of tariffs. In parallel she is engaged in the preparation of DESFA's Ten Year Development Plan, including cost-benefit analysis for projects and their economic assessment from the scouting till final application and monitoring progress of funding opportunities for projects under national and EU programs.

She has extensive experience related to the 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. John Bassias, Energy Consultant, former President and CEO of the Hellenic Hydrocarbon Resources Management (HHRM)



Mr. Bassias has 30 years of experience in the international oil and gas exploration. From 2016 to 2020, he was the President & CEO of HHRM (Hellenic Hydrocarbon Resources Management), the state company managing and supervising the oil & gas exploration and production projects in Greece. From 2012 to 2016, he advised several companies in EEZs of the Indian Ocean, Equatorial America and West Africa on geological and legal aspects of frontier hydrocarbon basins.

From 1997 to 2012, as president of Georex group, when he demerged the exploration assets from the service activities and established technical subsidiaries in France, United Kingdom, Tunisia and the Republic of Congo. Managed database projects on CIS reservoirs, data mergers for Total, PetroFina and Elf, seismic data transcription for Snpco and Esso. Between 1996 and 2000 he directed evaluation teams for the development of oil and gas interests in Texas and Colombia. Before joining the petroleum industry, Mr. Bassias had an academic career at the Free University of Berlin and was also Associate Professor in the National Museum of Natural History in Paris.

Krzysztof (Chris) Bolesta, CCUS Policy Lead, DG ENERGY, Brussels



Economist with 20 years of experience in energy and climate. Currently CCUS Policy lead at DG Energy (European Commission) Privately climate & energy advisor to Polska2050 - Polish social movement; Former Vice-president of Electric Vehicles Promotion Foundation and head of research at Polityka Insight (analytical center); chief of staff of the first Polish climate minister, special advisor to environment ministers and COP19 President. Author of numerous publications on energy and climate.

Dr. Chris Consoli, Principal Consultant, Global CCS Institute, Australia



Chris is a principal consultant working internationally in the low carbon energy industry with technical expertise in the geological storage of CO₂.

He has focused his profession on carbon capture and storage (CCS) development and deployment. With over 10 years' experience, Chris has led multi-disciplinary teams to assess CO₂ storage prospects and has worked on the full breadth of storage assessments from site evaluation through to multi-national initiatives.

With expertise in climate change, energy systems, and in the oil and gas industry, Chris is also an experienced geomodeller and sedimentologist, with a background in palaeontology.

Chris has been part of a variety of advisory boards and lectures at universities in Melbourne and around the world and is always keen to promote, discuss and share his experience and knowledge. Chris received his PhD from Monash University in Melbourne, Australia.

George Daskalakis, Strategy, Corporate Development, Motor Oil



Graduated from Aristotles 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. Panos Deligiannis, Head of Shipping, ECOLOG



- Dr. Deligiannis has a 25 year experience on technical management of tanker fleets
- Prior shipping he undertook scientific research in the fields of cryogenic storage & transportation, upstream crude oil and nuclear & radiation protection
- Dr Deligiannis studied mechanical engineering and holds a Ph.D from Liverpool University in cryogenic multi-phase fluid dynamics

Mr. Christodoulos (Christos) Dimas, Member of the Board of Directors and Chairman of IENE's 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 \(IENE\)](#)
- Chairman of the Geopolitics & Energy Committee of the [Institute of Energy for SE Europe \(IENE\)](#)

Stavroula Evangelopoulou, Energy Technology Analyst - Hydrogen International Energy Agency (IEA), Paris

"Dr. Stavroula Evangelopoulou has ten years of experience in the energy sector. She works at the International Energy Agency (IEA), as an Energy Technology Analyst focusing on hydrogen technologies. She has participated in a large number of projects related to the assessment of the 2030 EU climate and energy targets, the carbon neutrality by 2050 and the assessment of national energy and climate plans (NECPs) of EU Member States. Stavroula holds a PhD from the National Technical University of Athens (NTUA), focusing on the modelling of the energy system using hydrogen and e-fuels for long-term energy planning towards carbon neutrality. She has also an MSc in Statistics and Modelling from the Department of Mathematics in Aristotle University and a diploma in Electrical and Computer Engineering from the Aristotle University of Thessaloniki."



Dr. Nikolaos Koukouzas, Director of Research, Dr. Geologist, Centre for Research and Technology-Hellas (CERTH)

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 200 publications in Scientific Journals, 2700 citations and is a member of various Editorial Boards in International Magazines and University Boards. Dr Koukouzas has extensively participated in the RFCS Programme over the last 20 years.

Mr. George Polychroniou , Executive Director, Strategy & Business Development, DEPA COMMERCIAL S.A



Born in 1963 in Athens, George Polychroniou graduated from “Lycee Leonin” Franco-Hellenic high school in 1981 and then earned a degree in Chemical Engineering from the National Technical University of Athens (NTUA) in 1986. He completed his studies at the Federal Polytechnic School of Lausanne (EPFL) and obtained his Master’s of Science degree in Energy Systems with a specialisation in Economics in 1994.

After beginning his professional career in the private sector, he joined the then newly established DEPA in the beginning of 1989. Since 2004 he has served in various management positions in the commercial, financial and operating activities, strategy and business development of DEPA. Since October 2020 he has been Executive Director of Strategy & Business Development, with responsibilities in strategy, corporate development and regulatory affairs and since December 2014 he has been Corporate Secretary of DEPA.

He also represents both European co-financed projects Poseidon Med II and BlueHUBS as Project Manager.

Dr. Aristophanis Stefatos, CEO, Hellenic Hydrocarbon Resources Management Company (HHRMA), Greece



Aristofanis (Aris) Stefatos is the Managing Director of the Hellenic Hydrocarbon Management Company (HHRM SA). He holds a PhD in geology & geophysics, a master’s degree in Environmental Oceanography and a bachelors in Geology. For the last 15 years he has held senior and top management positions in private E&P companies in Norway and has been a founding partner of four Norwegian companies within the broader E&P sector. Through his 24 years of work experience, Mr. Stefatos has also worked with the technical maturation

of exploration prospects and drilling. He has worked in geological basins in Europe, North America, Indian ocean, West Coast of Africa, and South East Asia. He has a proven track record of 5 oil and gas discoveries in the Norwegian and the Barents Sea. In 2019, he received the honor of serving as the honorary consul of Greece in Bergen.

Mr. Costis Stambolis, Chairman and Executive Director, IENE, Greece



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. 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. Katerina Sardis, Greece's 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, Aristotle University of Thessaloniki.

Ioannis Stavrakopoulos, Energy Transition Specialist, DESFA



Giannis Stavrakopoulos works as Energy Transition Specialist within the Strategy & Development Division of DESFA SA, mainly engaged with the company's business development towards the Hydrogen and Carbon Capture, Utilization and Storage (CCUS) markets. Born in Athens in 1989, he graduated from the School of Chemical Engineering of the National Technical University of Athens and he is currently undertaking his International Master of Business Administration (iMBA) in the Athens University of Economics and Business. Prior to DESFA, Giannis has worked as an Energy Strategy Consultant in Kantor and Deloitte and as Commercial Development Associate in Blue Grid Gas & Power.

Aris Tsikouras, Director of Decarbonization Strategy Titan Cement



Aris Tsikouras is the Director of Decarbonization Strategy of Titan Cement, responsible for pursuing decarbonization growth opportunities in adjacent businesses such as renewables, waste management, and carbon capture. He is leading the development of the Ifestos CCS project, which was recently pre-selected for grant agreement preparation by the EU Innovation Fund. Prior to joining Titan, Aris was a Partner with the Energy & Materials Practice of McKinsey & Company, having worked out of the New York, Athens, and Rio de Janeiro offices. Until recently, he served as a member of the Board of Directors of the Center for Renewable Energy Studies. He holds degrees in Engineering, Economics, and Management from Oxford and Stanford.

Dr. Eugenia Giannini, Lawyer, E. Giannini & Associates Law Firm



Dr. Eugenia Giannini, Assistant Professor at the National Technical University of Athens, is also an Attorney at Law and a member of the DSA (Athens Bar Association) since 1991. She is a member of the Association des Juristes de Droit Public Compare (Paris) since 1990, as well as the Chartered Institute of Arbitrators (London). She is a graduate of the Law School of Athens, has successfully completed the Exercise before the Council of State (1990) and was trained at Paris I - Pantheon Sorbonne in Comparative Public Law of European Countries. She is also certified in Mediation by the Chartered Institute of Arbitrators and the Harvard Negotiation Institute.

Dr. Eugenia Giannini teaches Energy and Environmental Legislation in postgraduate programs of the University of West Attica and the International Hellenic University, while since 2021 she has been a third-degree Professor in the Department of Humanities and Law at NTUA (National Technical University of Athens), teaching "Technical Law" and topics on Energy Law, in the several schools of the NTUA. Her long career includes a large number of publications and numerous presentations at international conferences, while she has over 20 years of experience in administrative, corporate, tax law, in projects of integration in development legislation, as well as in drafting law projects.

Mr. Tassos Vlassopoulos, CEO, HELLENiQ UPSTREAM S.A., HELLENiQ ENERGY, Greece

Tassos Vlassopoulos is the CEO of Helpe Upstream SA (HelleniQ Energy’s Upstream Business Unit), managing E&P licenses as well as leading the efforts to create a CCS business within the Group.



Prior to this role, he has held senior international management positions at GE and has an overall 35 years of global experience, mainly acquired in oil & gas, power generation, strategy consulting (BCG), M&A and product management. Furthermore, he has also served as a non –

Executive Board Member at PPC.

He has published an influential SPE paper on “Standardisation - Learnings from Industrial Sectors”, leading discussions with major Oil & Gas companies and several UK industry stakeholders.

In addition, he has worked as a Research Officer at the London Business School, where he became the co-author of a book and academic articles on industrial and business strategy.

He holds a MSc in Operations Research from the London School of Economics and a BSc in Economics from the University of Piraeus.