



APRIL  
27

WEBINAR

**THE ROLE OF ENERGY STORAGE**

IN ADVANCING LARGE SCALE RES PENETRATION



# SPEAKERS' BIODATA

## Stamatis Asimis, Key projects & New Technologies Manager – R&D Lithium, Sunlight



**Mr. Stamatis Asimis** received his Diploma Degree in Mechanical Production & Management Engineering from Democritus University and holds a Master degree in “*State-of-the-Art Design and Analysis Methods in Industry*” from the Department of Mechanical Engineering of University of Thessaly.

He has worked in Planning Central Greece S.A. as Operations Department Manager, on the design, installation and implementation of RES Projects and Quality Management Systems.

He worked as a freelancer on various construction projects, while he joined Kavala’s Institute of Technology as Adjoined Assistant Professor.

Since 2012, he has worked for Sunlight Group on lithium-ion batteries. Firstly, as a Production Supervisor in Advanced Lithium Systems Europe S.A. (JV of Systems Sunlight and Atlas Elektronik), producing and developing Lithium-Ion cells for Defense Applications and the last 4 years on the development of Sunlight’s industrial Li-ion batteries.

Since May 2020, he is responsible for Key Projects and New Technologies of Sunlight’s brand-new Lithium R&D Center.

## Dr. Davor Bajs, Electricity Infrastructure Expert Energy Community Secretariat



Davor Bajs was born in 1970 in Croatia. He studied at the Faculty of Electrical Engineering and Computing in Zagreb (B.S. and M.S.), and the Faculty of Electrical Engineering in Split (Ph.D.). He works in the Energy Community Secretariat as electricity infrastructure expert. Before that, he was with the Energy Institute Hrvoje Pozar in Croatia where he held position of the senior researcher in electricity transmission issues. He has been collaborating also with the IAEA, giving lectures about power system studies and NPP-grid interface topics. His fields of interest include transmission system planning, power economics and market issues. His past activities include more than 100 studies in the energy

sector and around 50 papers published at international and Croatian scientific journals and conferences proceedings.

**Dr Platon Baltas**, Executive Director EUDITI Ltd and Visiting Research Fellow at IENE



Since 2007, Dr. Platon Baltas is a partner in EUDITI Ltd. where he participates in energy efficiency projects, RES project development and hybrid systems. He received a B.Sc. in Physics from University of Athens in 1979 and a Ph.D. in Electrical Engineering from Arizona State University in 1987. In 1988, he joined the Center for RES in Greece where he served as manager and chief scientist of the Photovoltaics Department until 1988. At this position, he played a

key role to the development of the Greek National Programme for Photovoltaics, to the development international collaborations and to the funding of Department activities. From 1998 to 2000, he worked as an independent consultant on photovoltaics and water production using RES. From 2000 till 2007, he worked for Germanos – Systems Sunlight S.A. as a business development manager for photovoltaic systems. At this position, he worked for the development of grid connected PV projects and new solar and hybrid photovoltaic products for the telecom market. In 2007, he joined the Enfinity Group as the general manager for Enfinity Hellas Holdings S.A. At this position he worked on the development of RES investment projects, energy storage projects and electrification of islands in developing countries. In 2016, he became the manager of energy storage activities of the Group.

Platon has a long association with IENE having participated in numerous conferences, workshops and working groups and has advised the Institute on several occasions on RES issues. He is currently an external Senior Research Associate of Institute based in Athens.

**Prof. Vesna Borozan** ,Head of Power Systems Department University “Sts. Cyril and Methodius”



Prof. Vesna Borozan received her PhD in 1996 from University of Belgrade. She was a Postdoctoral Fellow at North Carolina State University in 1997, Visiting Professor at Pontificia Universidad Catolica de Chile in 1999 and Honorary Professor at Vienna University of Technology in 2010 - 2012. Prof. Borozan was MP during the mandate period 2002 - 2006 and Amabassador to Austria from 2006 to 2010.

Presently she is a Professor in Power Systems at the Uni-versity "Sts. Cyril and Methodi-us", Faculty of Electri-cal En-gineering and Information Technologies, Skopje.

Beside her scientific achievements and publications, Prof. Borozan has been involved in many projects related primarily to electricity markets and regulation in SEE. She was an important contributor to the initial restructuring of the energy sector in her home country. Recently, continuing her contribution to the Regional Electricity Market issues, she was a member of the ad-hoc Energy Community HLRG and MC/PX WG.

**Mr. Radoš Čabarkapa**, Head of Unit for support and energy planning analysis at Electric Power Industry Department for Electricity trading EPS



Radoš M. Čabarkapa was born on 1st of May 1986 in Belgrade, Serbia. He finished elementary school "Petar Petrović Njegoš" as the holder of the „Vuk Stefanovic Karadžić“ diploma. In the period from 2001 to 2005, he attended the Mathematical Grammar school in Belgrade, which ends with excellent success (average mark 4.89/5.00). After that, in 2005, he enrolled in bachelor studies at the Faculty of Electrical Engineering, University of Belgrade, at the department for Power engineering (Module for Power systems), which ends in 2009, with an average mark 8.72/10. He graduated on the thesis "Analysis of conditions for connection of the Gamesa G90 wind turbine with the distribution network in Dolovo". He finished master studies at the same faculty in 2012 with the average mark 9.80/10 and graduated on the master thesis „Techno-economic feasibility analysis of building Pumped-Storage Hydropower Plant Bistrica“. In meantime, in 2010 he has been employed in a public company "Electric Power Industry of Serbia" (EPS) in the Department for Electricity Trading where he still works. For the 11 years in that department, he performed following job positions: Engineer for planning and operational energy management – dispatcher till 2016, Head of Unit for middle-term energy portfolio optimization till the end of 2018, and Head of Unit for support and energy planning analysis from January 2019.

As a member of working groups, Radoš has been involved in several projects of the Serbian Ministry of Mining and Energy (as well as the Ministry of Environmental Protection) in recent years and participated in the adoption of several important documents:

- development of the Climate change strategy with the action plan.
- development of the Energy planning model of Serbia in Times software.
- Law on Renewable Energy in Serbia in line with RED II Directive.

Radoš is also interested in economy and sports. Until 2005, he played basketball for 8 years in a few Belgrade basketball youth clubs.

Radoš is married to Aleksandra from 2014 and they have son Vukašin and daughter Lenka.

**Prof. Pantelis Capros**, Professor of Energy Economics, National Technical University of Athens (NTUA), Scientific Coordinator, E3Modelling and Chairman of IENE's Scientific Council



Pantelis Capros is Professor of Energy Economics and Operational Research at the School of Electrical and Computer Engineering of the National Technical University of Athens (NTUA). He was the first President of the Energy Regulatory Authority of Greece (2000-2004) and a member of the BoD of PPC (Public Power Corporation, Greece) for five years (1995-2000).

He is specialised in energy, transport and economic modelling, energy forecasting and planning, econometrics, integrated assessment modelling, software engineering and databases. He has built and used a variety of large-scale mathematical models maintained for several countries. He provides high-level consultancy services to the European Commission, EU governmental offices and several energy companies.

He has over 30 years of professional experience in the areas of energy, transport, environment and economic policy and more than 150 publications in international scientific journals.

Prof. Pantelis Capros holds an engineering degree from NTUA, three DEAs in Economics, Informatics and Operations Research from ENSAE – INSTN and the University of Dauphine, Paris, and a Doctorat d'Etat in Mathematical Economics from University Pierre et Marie Curie, Paris.

**Mr. Aristotelis Chantavas**, Head of Europe Area, Enel Green Power



Aristotelis joined the Enel Group in November 2018 and is currently the Head of Europe region in Enel Green Power (EGP). He has a diverse background in the management of different types of renewables projects, varying in both size and type.

His broad professional career in renewable energy, both in Europe and North America, includes executive roles in business development, construction and maintenance, M&A and new investments.

Aristotelis graduated in Civil Engineering from DUTH and holds an MSc in Engineering Business Management from University of Warwick, with further specialization in Entrepreneurial Studies at Harvard University.

**Mr. Patrick Clerens, Secretary General, European Association for the Storage of Energy (EASE)**



Mr Clerens studied law at the University of Saarbrücken and the University of Mainz. Since 1996, he has worked as a consultant for a private company specialising in European Affairs in Brussels. In his capacity as Brussels Representative of different European associations, he has been involved in the climate and energy field since 2003.

He has managed the EASE office in Brussels as Secretary General since its establishment in September 2011. Since then, EASE has grown from the initial 13 founding members to over 40.

**Dr. Athanasios Dagoumas, President , Regulatory Authority for Energy**



Dr. Athanasios Dagoumas is an Assistant Professor in Energy and Resource Economics and Director of the Energy and Environmental Policy laboratory at the University of Piraeus. He holds a Diploma in Electrical and Computer Engineering from the Aristotle University in Thessaloniki, where he elaborated his PhD in Energy Economics. He is Member of the

Board of the Cambridge Trust for New Thinking in Economics. He has more than 15 years of work and research experience in energy related issues, including working as a Senior Researcher at the University of Cambridge and as a Senior Energy Analyst at the Transmission System Operator and at the Electricity Market Operator in Greece. Moreover he was enrolled as a Special Advisor to the Ministry of Environment, Energy and Climate Change in Greece. His extensive experience builds his capacity for an in-depth understanding of multidisciplinary aspects of the energy sector: economic, engineering, environmental and policy. He is keen on developing models for the energy system, the economic-energy-environment (E3) systems and the real energy markets. He has been President to the Regulatory Authority for Energy since July 2020.



**Dr. Evgenia Giannini, Lawyer, E. Giannini and Associates Law Firm and Member of the BoD, IENE**



Dr. Evgenia Giannini is an Attorney at Law, Member of the Athens Bar Association since 1991 as well as a member of the Association des Juristes de Droit Public Compare (Paris) since 1990 and of the Chartered Institute of Arbitrators (London). She graduated from the Law School of the University of Athens, concluded her traineeship at the Greek Council of the State (Supreme Administrative Court of Greece) and conducted her postgraduate studies on Comparative Public Law of the EU states at the Paris I – Pantheon Sorbonne University. She is an accredited arbitrator and mediator from the Chartered Institute of Arbitrators (London) and the Harvard Negotiation Institute. She is also member of the board of IENE and SPEF.

**Prof. John (Ioannis) K. Kaldellis, Head of Soft Energy Applications & Environmental Protection Lab, Head of MSc in Energy Systems & Vice Rector for Research and Lifelong Learning, University of West Attica (UNIWA)**



Prof John (Ioannis) K. Kaldellis: Mechanical Engineer (NTUA), Business Administration Diploma (University of Piraeus), PhD in 1988 from NTUA sponsored by Bodossakis Foundation, Greece. Since 1993, Professor at Mechanical Engineers Department, UNIWA. Director of the SEALAB and Scientific Director of MSc in Energy Systems (with Heriot-Watt University). Since September 2019 he is also vice-rector of UNIWA, responsible for Research. His research interests include feasibility analysis of energy sector applications, technological progress in RES market, hybrid energy systems, energy storage issues, social attitude towards RES applications and environmental technology-air pollution. He has been the Scientific Responsible for more than 50 international and national research projects. Prof Kaldellis has published six books concerning Renewable Energy Applications (4) and Protection of the Environment (2). He is the Editor of the book entitled "Stand-alone and hybrid wind energy systems: Technology, energy storage and applications" and the Editor of the "Wind Energy" Volume of the Comprehensive Renewable Energy Encyclopaedia by Elsevier. He is currently Subject Editor of the Renewable Energy Journal (IF=6+), member of the Editorial Board of several International Journals (Applied Energy (IF=8+), Sustainability (IF=2.5), etc.) and reviewer in more than 60 International Journals in the Energy and Environment Sector. He is the author of more than 180 scientific papers in peer reviewed Journals and has more than 6000 citations in his research work (h-index

(Scopus) -46). Since 2015 he is the Scientific Responsible of the well-recognized TILOS-Horizon 2020 research program.

### Dr. Michalis Karystianos, Head of System Studies and Development Independent Power Transmission Operator (IPTO)



Michalis Karystianos received the Diploma in electrical and computer engineering and the Doctor of Engineering degree from the National Technical University of Athens, Greece, in 1999 and 2005, respectively.

As a technical consultant he has been involved in several power system analysis studies, RES development and research projects for the Center of Renewable Energy Sources and Saving, energy companies in Greece and the Institute of Communication and Computer Systems of NTUA.

Since 2009 he has been working for HTSO & IPTO where he has been actively involved in key projects for the Greek Transmission system focusing on the transmission system design, operation and control.

His research interests include voltage stability, power system analysis, long-term planning and power system operation, protection and control. He has co-authored more than 40 papers in scientific journals, national and international conference proceedings.

He is currently Head of System Studies and Development in Independent Power Transmission Operator of Greece.

### Mr. Nikos Papapetrou, General Manager Renewables & Storage Development (RSD) Business Unit, MYTILINEOS



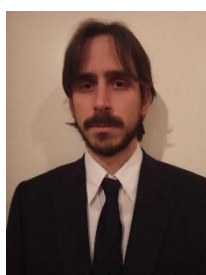
Nikolaos Papapetrou graduated from Mandoulides Schools of Thessaloniki in 1997. He studied Civil Engineering at Aristotle University of Thessaloniki and then received his MSc with distinction in Structural Steel Design and Business from Imperial College of London. Upon completion of his studies, he worked for eleven years at Egnatia Studies as General Manager fully authorized to

lead a significant cluster of telecoms infrastructure. Furthermore he worked as a CEO for Egnatia TEL. Among his duties was setting up the affiliate of Egnatia TEL in Romania



and Bulgaria for the construction of the telecom networks of Cosmote affiliates, also Renewable Energy Plants Development for Egnatia TEL. Since 2015, Nikos Papapetrou is part of MYTILINEOS senior management, currently holding the position of General Manager of Renewables & Storage Development (RSD) Business Unit of the company. (πρώην ΑΣΟΕΕ). Μιλά Αγγλικά, Γαλλικά, Ρωσικά, Ιταλικά.

### Mr. Alexandros Perellis ,Research Fellow, IENE



Alexandros Perellis is a Senior Researcher at IENE. He is an Industrial Engineer, graduate of Democritus University of Thrace’s School of Engineering (DUTH). In addition, he holds an MSc degree in Sustainable Energy Engineering from Technical University of Denmark (DTU). He has experience in the elaboration of projects related to solar energy systems, modeling and analysis of sustainable energy systems, energy efficiency, feasibility studies and system assessment of energy technologies. As master student, he participated in TOPWASTE project in collaboration with Risø DTU, where he contributed in the development of OptiWaste, a mathematical modeling tool, which handles optimization of waste and energy flows and can be integrated into large energy optimization models.

He joined IENE’s research team in November 2017. He is responsible for the publication of “Electric Mobility Update” (Bimonthly Newsletter of IENE) and “SEE Electricity Market Analysis” (Weekly and Monthly Newsletter of IENE) and participates in the elaboration of the Institute’s research projects and analyses, with main focus on RES and sustainability. He is the main author of several IENE studies, e.g. “Prospects for the Electric Vehicle Market in Greece and Business Opportunities”, “Energy Transition of the Island of Kastellorizo” and “The Integrated Electricity Markets in Greece and SE Europe, the Role of the International Electricity Interconnections and the Impact on Industry”.

### Mr. Andreas Petropoulos, Director of Energy Management ELPEDISON, Chairman of Electricity Committee, IENE



Studies:

**MSc in Finance & Banking**

*Athens University of Economics and Business (AUEB),*

**MSc in Electrical Power Engineering**

*University of Manchester Institute of Science and Technology (UMIST),*

**BSc & MSc in Electrical and Computer Engineering**

*Democritus University of Thrace (DUTH),*

Since February 2010 he works at ELPEDISON S.A. (*Joint Venture of EDISON SpA & HELLENIC PETROLEUM S.A.*) as its *Energy Management Director*. In this context he is in charge of the management of the commercial operation & economic optimisation of the current asset infrastructure (Two Power Plants of 830MW installed capacity), the management of the Dispatching Team/Strategy, together with the management of Natural Gas wholesale activity as well as the Cross Border Activity (IT, South East Europe) & CFDs.

From June 2005 to January 2010 he was Commercial Manager of ELPEDISON Power S.A. (Former: Thessaloniki Power S.A). He was responsible for the commercial organization and business development of the first IPP, 400MW CCGT, in Greece.

From January 2003 until June 2005 he worked in the Hellenic Transmission System Operator (HTSO) as a *Senior Energy Analyst* in the Power Exchange Department responsible for wholesale and retail market measurements.

From June 2001 until January 2003 he was Project Engineer of TITAN Cement S.A. with responsibilities involving system studies, design and project management of new projects of the TITAN Cement factories in Greece and abroad.

From November 1999 until June 2001 he worked in ALSTOM (Greek Branch) as a Sales Engineer. His responsibilities involved promotion of Power Generation and T&D products like: Medium voltage Indoor and outdoor Switchgear for primary and secondary distribution, Distribution and Power transformers, M.V & H.V Substations. Furthermore, was responsible for the after sales service and customer care of MV & HV transformers.

He served as Member of the Transmission and Distribution Networks committee of National Technical Chamber (TEE) of Greece (2005 -2008).

He contributed in the Master Plan research into the International airports of Corfu in cooperation with the Spiekermann GMBH (consulting engineers). (1999)

He worked for the Business Plan of the Ithaca Airport in cooperation with the Spiekermann GMBH (consulting engineers). (2001)

He worked at M.A.K as Energy Systems Engineer participated in electrical-mechanical studies with a total budget of 1.000.000 Euro. (1998-1999).

## Mr. Costis Stambolis, Chairman & Executive Director, IENE



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 and international organizations.

Costis has lectured widely on energy issues and has organised several national, regional and international conferences, seminars and workshops. He has pursued a parallel career as a specialized technical writer as for many years he was Athens correspondent for the Financial Times Newsletters and the Athens Daily "Kathimerini". He coordinated the introduction of the highly successful joint FTSE/ASE-20 index in the Athens Stock Exchange (1997/1998). He has edited several books, conference proceedings and has published many research papers and studies on energy policy, solar energy, RES and energy markets. "The Greek Energy Directory" (1984, 2016), "The Greek Energy Market" (2001) and the "S.E. Europe Energy Outlook 2011" and "SEE Energy Outlook 206/17", all edited by Costis, are considered basic references on energy policy in Greece and 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), where he was elected twice as its Chairman (2003, 2005). He is a member of the Energy Institute (UK), the International Passive House Association (IPHA), The Technical Chamber

**Ms. Sofia Siachou, Dipl. Civil Engineer, M.Sc, DIC Director of Engineering and Licensing Unit, Hydroelectric Projects Engineering Construction Dept., Public Power Corporation (PPC)**



Sofia Siachou is a graduate of the Civil Engineering Dept of NTUA and holds a Master of Science in Soil Mechanics from Imperial College, London, UK.

Her major experience is on the design and development of large Hydroelectric Projects, being employed in Public Power Corporation S.A.

She currently holds the position of the Director of the Engineering and Permitting Unit in the Hydroelectric Projects Engineering and Construction Department at PPC S.A.

Since 1993 she has been involved in the geotechnical design of the hydroelectric projects

developed by PPC S.A, while later she was involved in the Regulatory Affairs and Business Development Unit in Strategy Dept, a) working with state and regulatory authority on specific issues affecting the Company's business and b) working with internal and external partners on PPC's efforts on new project development on the energy sector in Greece, Balkans and Middle East, mostly including greenfield projects in the hydro sector.

As PPC's representative in the International Pumped Storage Forum that was recently established, she is participating in the Policy and Market Framework Working Group, acting as a Lead Member for the European Region.

### Mr. Konstantinos Theofylaktos, Secretary General and Chairman of IENE's Energy Efficiency Committee, IENE



Constantinos Theofylaktos is IENE's Secretary General. He is a USA trained Mechanical Engineer, with a BSc and an MSc from the University of Evansville, Indiana, with 33-yrs experience in the energy sector and in the study, design and supervision of energy efficient systems for any type of buildings and for industry.

Costas's special interests include Energy Policy, Energy Efficiency, RES and Cogeneration of Heat and Power. He is currently the President of Greece's Association for Cogeneration, HACHP.

He served as Chairman and CEO of the Centre of Renewable Energy Sources (CRES) and he has an extensive experience in EU- and EBRD-funded energy projects in SE Europe, Asia and Russia.

### Ms. Yioula Tsiknakou, Head of the Hydroelectric Projects Department TERNAL ENERGY



Mrs. Yioula Tsiknakou is the Head of the Hydroelectric Projects Department at TERNAL ENERGY. Her expertise in the hydroelectric power sector in Greece spans in a period of over 30 years. She has been with the Group since 1999 after having served at PPC for many years, being responsible for the design, strategy and economic evaluation of hydroelectric projects as well as energy and planning.

As head of the hydroelectric projects department, Mrs. Tsiknakou is responsible for the large and small hydroelectric plants development. In this field is also included the maturity of many pumped storage schemes and hybrid systems, as well as business development, participation in tenders and evaluation of new growing opportunities for the Group.

Mrs. Tsiknakou holds a MSc in Civil Engineering from the National Technical University of Athens and an MBA from Lavern University. She has numerous scientific publications and is a member of several professional bodies.

### Mr. Yiannis Yiarentis, Chairman of BoD and CEO, Renewable Energy Sources Operator (DAPEEP)



Yiannis Yiarentis is the CEO and Chairman of BoD at the Renewable Energy Sources Operator (ΔΑΠΕΕΠ) from August 2019 until today. He holds a significant Greek and International experience in top management positions, in both private and public sector, with the most important, that of the President and CEO of IPTO (ΑΔΜΗΕ) from 2013 to 2015 when he paved the way for major electrical Interconnections with Greek islands (Cyclades) and all major infrastructure projects, such as the Megalopolis HVC, the interconnection of Polypotamos and many more projects that breathed life into the Electric System. Before that he had a long-term international career in large multinational and Greek companies in the Energy field. He has been a member of National and International Councils and Committees (Entso-e, MED-TSO). He holds a degree in Petroleum Engineering and Production Engineering and Management and a postgraduate degree (MSc) in Sustainable Development.