UNIVERSITY OF PIRAEUS
Department of International & European Studies

ENERGY
Strategy, Law & Economics
Master Program

Welcome
From the Director of the Master in Energy, Prof. Nikolaos Farantouris.

Courses
Compulsory and Elective courses of 1st and 2nd semester.

Scholarships
Grants and scholarships with the support of leading international companies and institutions.

Press
The Master in Energy in the press.

Activities
Conferences, seminars and study visits all over the world.

Stage program
With the support of leading companies and institutions.

Teaching Staff
Distinguished University professors and top international experts.

Energy Papers
The E-Journal of the Master Program.

Publications & Editions
Edited volumes under the auspices of the Master Program.
Welcome from the Director

The first Master Program in SE Europe and one of the few programs in Europe dedicated to Energy strategy, law & economics.

Welcome to the Master Program in Energy Strategy, Law & Economics at the Department of International & European Studies of the University of Piraeus, Greece. This is the first Master program in SE Europe and one of the few programs in Europe dedicated to Energy strategy, law & economics. It is designed to prepare the next generation of interdisciplinary professionals seeking to obtain strong academic skills in order to pursue careers in the energy industry, shipping, international organizations, national and international oil & gas companies, renewables, government and regulatory authorities, the media, policy making institutes and think tanks, consulting houses, law firms, the diplomatic corps, etc. The program is also geared to technocrats who are already working in the energy sector and seek to become more involved in a dynamically developing field.

The curriculum of our Energy Master program has been designed with an interdisciplinary approach in mind echoing the demands and expectations of the market where strategy, policy, law and economics are more closely intertwined than ever before. Distinguished Professors (economists, lawyers and political scientists) from the University of Piraeus and other Universities in Europe and the US, as well as globally recognized experts, come together with great enthusiasm in this innovative curriculum to address topical issues on Energy strategy, law & economics.

The Director of the Master Program in Energy

Nikolaos E. Farantouris,
BA (Ath), MJur (Oxon), DPhil (Oxon)
Jean Monnet Professor of EU Energy Law & Policies
## Courses

### 1st Semester

1. **International Policy - International Political Economy of Energy**
2. **Energy Policies & Law in the EU and Member States**
3. **Energy Economics**
4. **Elective course**

### 2nd Semester

1. **Intergovernmental & Commercial Energy contracts**
2. **Competition in energy markets: Strategy & Institutions**
3. **Energy networks in SE Europe, the Mediterranean & Caucasus**
4. **Elective course**

### Elective Courses

1. **Energy resources and Geopolitics**
2. **International Policy and Energy**
3. **Special issues on Energy Finance & Risk Management**
4. **Energy strategy and policies in Europe and US**
5. **Special issues on Energy, Environment & Climate Change**
6. **Special issues on Greek Energy Policy**
7. **Special issues on Energy Law**
8. **Special issues on Research & Exploration of Hydrocarbons**
9. **Special issues on Regulation and Operation of contemporary energy markets**
10. **Special issues on Energy, Shipping & Maritime Transport**

*Professors and students of the Master in Energy at the LNG Terminal in Revithoussa Island.*
Interdisciplinarity, Innovation, Meritocracy, Extroversion

**INTERDISCIPLINARITY**
The Master Program combines the development of an interdisciplinary theoretical knowledge with a practical application. The courses concern law, economics, strategy and international relations as well as purely technical issues of E&P and cover the whole spectrum of the energy business and of adjacent or conterminous markets and sectors (shipping, external/foreign policy, regulation, public administration, consulting, etc.)

**TEACHING STAFF**
Teaching is undertaken by distinguished university professors as well as global experts in the field of energy, international policy, energy law and economics from international energy companies, Independent Authorities, International Organizations etc.

**INNOVATION**
Innovative methods of teaching and research are applied which include lectures, tutorials & seminars, conferences, study visits in refineries, LNG terminals and energy companies and institutions, assignments connected with the market (e.g. elaborations of companies’ business plans) etc.

**DURATION**
Lectures span over two semesters. Then students work on their Master thesis. During each semester, four (4) courses are taught one (1) of which is chosen from a list of ten (10) different elective subjects. Lectures start in the first week of October and take place for eleven (11) weeks in each semester.

**MERITOCRACY**
Selection of candidates is made on strict meritocratic criteria (academic records, professional experience, language competence/multi-lingualism, prospects, etc.). The provision of grants and scholarships to students is reckoned on the basis of their performance.

**VISION**
The Master Program in Energy aspires to create an international forum for research and innovation and an incubator for executives who will occupy leading positions in business and public administration, international organizations, Independent Authorities and in decision making in general.
SCHOLARSHIPS

With the kind support of leading companies and institutions
The Master Program in Energy anticipates the provision of grants and scholarships with the kind support of leading companies and institutions.

A considerable number of scholarships are provided each year with the kind support of leading companies and institutions.

In the dynamically developing field of Energy businesses seek executives with specialized knowledge in the fields of strategy, law and economics and award excellence.

In this context, at the end of the second semester and before the beginning of the thesis, scholarships are awarded on academic criteria and based on the performance of students.
Scholarships
With the kind support of leading companies and institutions

Since its inception in 1956, the Eugenides Foundation (www.eugenfound.edu.gr) has contributed to education through its scientific and non-scientific publications, planetarium programs, its scientific library, scientific exhibitions and other educational initiatives such as academic scholarships. In this context, Eugenides Foundation supports the Master Program in Energy by providing a scholarship to students of the Program on the basis of excellence.

The responsible attitude, the sponsorships, the donations and the support to the society characterize Hellenic Petroleum Group’s culture and business strategy. HELPE Group (www.helpe.gr) supports and takes on academic programs and activities. In this context Hellenic Petroleum offers a scholarship to the Master Program in Energy - Strategy, Law & Economics of the University of Piraeus, Greece.

The Public Gas Corporation (DEPA) S.A. (www.depa.gr) supports the Master Program in Energy at the Department of International & European Studies by awarding scholarships to the students of the program, based on excellence and their performances, according to the company’s social responsibility program and its vision for building up the next generation of young executives in the energy sector.
INDUSTRY  SIDENOR SA (www.sidenor.gr) is the largest Greek steel producer with a leading position in Greece and the Balkans, with subsidiaries dealing in the production, manufacture and sales of steel products. SIDENOR rewards excellence and supports the Master Program in Energy Strategy, Law & Economics, at the Department of International & European Studies, University of Piraeus, by providing a scholarship with academic criteria.

INSTITUTIONS  The Ministry of Environment, Energy and Climate Change (www.ypeka.gr) implements a series of actions in collaboration with public administration, the private sector, social partners, citizens and international community, in order to achieve the strategic objectives and eventually establish the pillars of Green Development. In this context the Ministry supports the Master Program in Energy Strategy, Law & Economics at the Department of International & European Studies, University of Piraeus and has provided its aegis in various occasions and academic initiatives.

INFRASTRUCTURE  The National Natural Gas System Operator (DESFA) S.A. (www.desfa.gr) rewards excellence and supports the Master Program in Energy Strategy, Law & Economics, at the Department of International & European Studies, University of Piraeus, by providing a scholarship with academic criteria.
Impressive participation of students and professors of the Master Program in Energy at the International Exhibition of Energy World Future Energy Summit 2015

Co-operation of the Master in Energy with the New York University Abu Dhabi (NYUAD)

ENERGYPRESS

Caroll Brand, Chancellor of Global Education and Outreach, New York University Abu Dhabi (NYUAD) delivering a lecture to the students of the program

Sean Evers, founder and Managing Partner of Gulf Intelligence analyses the consequences of the fall in the prices of oil for the students of the Master Program

Energy focus – The interdisciplinary Master Program of the University of Piraeus

TO VIMA

Analysis of international energy trends for the students of the program from specialist analysts of Shell at the World Future Energy Summit, Abu Dhabi, 2015

Impressive participation of students and professors of the Master Program in Energy at the International Exhibition of Energy World Future Energy Summit 2015

ENERGIA
Lecture of the Vice President of the Regulatory Energy Authority and teaching staff M. Aslanoglou of the Master in Energy at the Assembly Hall of the Authority

A strong interest, a pioneering Postgraduate Program in Energy!

Extroversion and new experiences from Greek Higher Education Institutions - One-way street to the future

SAVE PLANET

Study visit of the Master in Energy in the model ecological city Masdar, Abu Dhabi

ENERGY PRESS

Lecture of the Vice President of the Regulatory Energy Authority and teaching staff M. Aslanoglou of the Master in Energy at the Assembly Hall of the Authority

Study visit in the new Refinery of Hellenic Petroleum in Elefsis

REAL NEWS

The first interdisciplinary Postgraduate Program in Energy
Analysis of the international investment treaties by Mark Beckett, Head of International Arbitration Group of leading law firm Chadbourne & Parke and visiting professor at Harvard Law School, and Christina Hioureas, at Chadbourne’s premises in Manhattan, New York, February 4, 2016.

New York welcomes the students of the Master in Energy!

International interest for the Balkans, the Adriatic & Black Sea Oil & Gas Summit 2015, under the auspices of the Master in Energy, September 23-25, 2015.

The Master in Energy organizer of the International conference on the Balkans, the Black Sea and Adriatic Oil & Gas 2015, in Dubrovnik Croatia.
Innovative Seminar on Behavioral Law & Economics paves the way for important initiatives by legislators and regulators

Professor Ch. Hadjiemmanoul discusses with Dr. G. Dimitropoulos of Max Plank Institute Munich behavioral theories.

The Greek Minister of Energy Y. Maniatis opens the ceremony for the award of 8 scholarships to the students of the Master Program in Energy with the kind support of leading energy companies.

Students of the Master Program at the UN Security Council, New York, February 2, 2016.

Conference in New York City by the Master in Energy and New York University.
The Master in Energy aims at the immediate incorporation of students into the market. Therefore, besides regular lectures and seminars, the program also includes study visits and presentations at units of energy production, refineries, supply stations, LNG terminals, wind farms etc., as well as subsidized educational trips to research and analysis institutes, independent authorities and energy businesses and industries in Europe and overseas. An important aspect of the program is cooperation with leading universities and institutions such as New York University, Max Plank Institute etc. 

**Our Alumni**

**Constantinos Garakis**, Renewable Energy Engineer, Wind Energy Manager, Intracom Constructions S.A.: 

"Excellent opportunities for collaboration with top research institutes in the field of energy and sustainability."

**Stamatis Dioletas**, Physicist MSc, PhD, Energy consultant and CEO of ZIBENO/ ENERGIAKI S.A.: 

"The energy sector from a different viewpoint! It is amazing how many new and interesting aspects I have discovered! I learned everything non-technical that an energy specialist needs to know. I thank the Master in Energy for the opportunity which it gave me."

**Yannis Oikonomopoulos**, Attorney at Law in the Legal Department of the Hellenic Gas Corporation S.A.: 

"The program offers unexpectedly concise knowledge and experience extremely useful for the lawyer in the energy business."

**Maria Chasioti**, Attorney at law in the TSO for Electricity: 

"The challenge of economic analysis for jurists and lawyers."

**Pauline Tsiotaki**, Economist, Executive in HERON Thermoelectric S.A.: 

"Unique life experience and inspiration for the future."
Practical Training

**SPECIALIZATION**
After the conclusion of the 2nd semester and during the writing of the Dissertation, students have the opportunity for practical training in businesses and organizations in Greece and abroad where students are offered the possibility to apply specialized knowledge and gain valuable working experience.

**FOCUS**
The elaboration of the Dissertation may be carried out in cooperation with enterprises and institutions as part of their practical training or independently.

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**H. Fattah of Brunswick Group**, ex Editor-in-Chief of the periodical review “The National” and New York Times, discusses energy developments in Eurasia

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**Michalis Photiadis**, Logistics Manager and SD Analyst of CORAL S.A.:

“An in depth study in all the development in the field of research, production and commerce in petroleum commodities.”

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**Alexia Tasouli**, Journalist, MEGA Channel and REAL NEWS:

“In depth analysis and added value for the student in understanding the current energy realignments.”

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**Vivi Yiannopoulou**, Public Power Corporation S.A. executive:

“The direct link with the market constitutes one of the most important innovations of the program.”

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**Alexia Tasouli**, Journalist, MEGA Channel and REAL NEWS:

“In depth analysis and added value for the student in understanding the current energy realignments.”

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**Clearchos Mavrilakos**, Lawyer in Tsakos Energy Navigations Ltd.:

“Interdisciplinariness, originality and opportunities! Innovative combination of Energy and Shipping.”

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**Dimitris Skyloyiannis**, Mechanical Engineer in PROTERGIA S.A.:

“The Master’s in Energy, a starting-point for the next big step in my career.”

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**Liana Yeorgatsou**, Lawyer in the Independent Transmission for electricity:

“Postgraduate studies at a high level with emphasis on the applied analysis of law, strategy and economics.”

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**H. Fattah of Brunswick Group**, ex Editor-in-Chief of the periodical review “The National” and New York Times, discusses energy developments in Eurasia

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Teaching staff

The interdisciplinarity of this program is reflected in the professors and teaching staff, all of them with international educational experience, abundant research and publication record and long-standing consultative, administrative and professional experience in international organizations, agencies and enterprises. Distinguished lawyers, political scientists, economists and engineers from the University of Piraeus and other universities in Greece and abroad and internationally recognized specialists in the field of energy co-operate with great enthusiasm in this innovative program.

- **Aslanoglou Miltiades** MSc in Energy Economics and Policy, Imperial College London, MSc in Applied Economics, Athens Business School, vice Chairman, Regulatory Authority for Energy
- **Avlonitis Gerassimos** BSc, MSc in Petroleum Engineering, Imperial College, ex Head of Natural Gas Department, Regulatory Authority for Energy
- **Galanis Theodore** DEA Droit de l'Union européen Université Panthéon-Assas Paris II, PhD in Law, Université Paris I - Panthéon Sorbonne, ex-ATER, Université Rouen, EU Commission Official, DG Internal Market
- **Georgakellos Dimitrios** BSc, PhD University of Piraeus, Professor at the Department of Business Administration, University of Piraeus, Greece
- **Georgopoulos Nikolaos** M.Sc. London School of Economics, M.B.A. Birmingham, PhD, University of Macedonia, Greece, Professor of Strategy, Department of Business Administration, University of Piraeus
- **Dagoumas Athanasios** PhD in M.Eng., University of Thessaloniki, ex Senior Research Associate, Cambridge Centre for Climate Change Mitigation Research, University of Cambridge, Lecturer of energy Economics and Natural Resources, Department of International and European Studies, University of Piraeus
- **Ifestos Panagiotis** M.A. Manchester University, Ph.D. Université libre de Bruxelles, Professor of International Relations and Strategic Studies, Department of International and European Studies, University of Piraeus
- **Karakitsou Kyriaki** PhD in Chem. Eng., Deputy Head of Trading, Greek Gas Corporation (DEPA) S.A
- **Karampatzos Antony** LL.M. & Dr.iur. Universität Tübingen, Assistant Professor of Civil Law, Athens Law School, University of Athens
- **Kerameus Niki** DEA, Université Panthéon-Assas Paris II, LL.M. on International Arbitration and Litigation, Harvard Law School, ex-teaching assistant, Université Panthéon-Assas Paris II, Member of Parliament, Greece
- **Kosmides Timoleon** LLM Eur. & Dr.iur Universität München, JProf & Lehrbeauftragter – Universität München Max-Planck-Institut für Innovation und Wettbewerb
- **Kotios Angelos** M.A. & Ph.D. Universität Tübingen, Professor of International Economic Institutions, Dean of the School of Business and International Studies, University of Piraeus
- **Licouras Petros** LL.M. Yale University, Ph.D. University of Athens, Associate Professor of Public International Law, Department of International and European studies, University of Piraeus
Nikolaou Konstantinos PhD in Geology, University of Athens, ex Director of E&P Hellenic Petroleum SA, General Director Kanergy ltd & Technical Consultant of Energean Oil & Gas SA

Papadimitriou Stratos M.Sc., M.Sc & Ph.D. Polytechnic Institute of New York, Professor of Transportation Planning and Chairman of the Department of Shipping, University of Piraeus

Paravantis John M.Sc. & Ph.D. Northwestern University, Assistant Professor of International Policies for Energy and Transport, Department of International and European Studies, University of Piraeus

Platias Athanassios M.A. & Ph.D. Cornell University, Professor of Strategic Studies, Department of International and European Studies, University of Piraeus

Polemis Michael PhD in Economics University of Athens, ex Head of Economic Documentation of the Hellenic Competition Committee, Assistant Professor of Economics, University of Piraeus

Roukanas Spyros MA in International Political Economy, University of Leeds. PhD. University of Thrace, assistant Professor of International Political Economy, Department of International Political economy, University of Piraeus

Tziampiris Aristotle M.Sc. & Ph.D. London School of Economics, Professor of International Relations, Department of International and European studies, University of Piraeus

Tzouganatos Dimitrios LL.M., University of Michigan Law School, Dr. iur. Universität Tübingen, ex Chraman of the Hellenic Competition Committee, Professor of Commercial Law, Athens law Shcool, University of Athens

Farantouris Nikolaos BA, M.Juris, D.Phil. in Law, Oxford University, Jean Monnet Professor of EU law & Policies, Department of International & European Studies, University of Piraeus

Filis Konstantinos PhD in International Relations, University of Reading, Director of Studies, Institute of International relations, Panteion University of Athens

Charokopos, Michael PhD in Political Sciences University of Athens, the Greek Ministry of Foreign Affairs Official

Hadjiemmanouil Christos LL.M. & Ph.D., University College London, Professor of Banking Law and Institutions, University of Piraeus, Visiting Professor, London School of Economics

Chioureas Christina Juris Doctorate, University of California Berkeley, Counsel in Public International Law and Arbitration, Foley Hoag LLP, New York New York, Adjunct Professor of Law, School of Law, Fordham University, New York

Mavraki Tina BA Oxford, MSc London Business School, Structured Finance Manager, Noble Group

Panagopoulos George B.C.L., D.Phil., School of Law, Oxford University, Managing Partner (Athens), Reed Smith LLP
Energy Papers

Energy Papers constitute texts of analysis of current issues on energy policy and regulation which aspire to contribute to the public dialogue in the energy sector in Europe and Globally.

The Energy Papers are published in cooperation with the energy portal Energy Press and under the scientific coordination of the Jean Monnet Chair on EU Law & Policy and the Master Program in Energy in the Department of International and European Studies of the University of Piraeus. Recent papers include:

- The European Grid Code and Gas Transfer Systems
- The Gas Target Model: The pattern-target for the European gas market
- The propositions under discussion for the restructuring of domestic electricity market
- The European Regulation for the integrity and transparency in the wholesale energy market
- The European Code on balancing, the implementation of new connections of electrical power energy systems
- Energy saving through smart grids
- The EU Internal Energy Market and energy security etc.

Analysis of energy developments in the East Mediterranean at Johns Hopkins School of Advanced International Studies in Washington
EDITIONS

Farantouris, N.E. (ed.), Energy Law, Policy & Economics,
Jean Monnet Chair in Law & Policies, NB, Athens 2012, pages: 445

This interdisciplinary work was published under aegis of the Jean Monnet Chair at the Department of International and European Studies of the University of Piraeus. The material is organized into five sections: “Integration and Liberalization of Energy Markets in the EU”, “Rules of Competition and Free Movement”, “Economic and Energy Strategy”, “International and European Institutions”, “Energy networks and Security of Supply”. This book is one of the basic references for energy law and regulation in current bibliography.

Farantouris, N.E. (ed.), Energy Networks and Infrastructure,
Jean Monnet Chair in Law & Policies, NB, Athens 2014, pages: 570

This book is an in depth analysis of the geopolitical, legal and economic aspects of energy networks and infrastructure. There are examined topical issues relating to the international and European institutional and regulatory framework, the structure and function of energy markets, strategy and international relations. The material is divided into four sections: “Law & Institutions”, “Liquefied Natural Gas (LNG): Geopolitical and economic aspects”, “Climate change and green shipping” and “Economic aspects of shipping and energy efficiency”.

Farantouris N.E. & Kosmides, T. (eds). The Law of Hydrocarbons,
Jean Monnet Chair in Law & Policies & Max-Planck-Institut für Innovation und Wettbewerb Munich, NB, Athens 2015, pages: 674

The Law of Hydrocarbons was published under the aegis of the Jean Monnet Chair in Law & Policies and the Max-Planck-Institut für Innovation und Wettbewerb Munich. It aims to contribute to the better understanding of the legal issues that arise in all stages of the value chain of hydrocarbons. The research, exploitation, transportation and sale of hydrocarbons represent a distinct sector of energy law. Institutions of commercial, administrative, criminal, international and European law coexist, intersect and interact in an exciting field peak of the economy and technology, law and international relations.