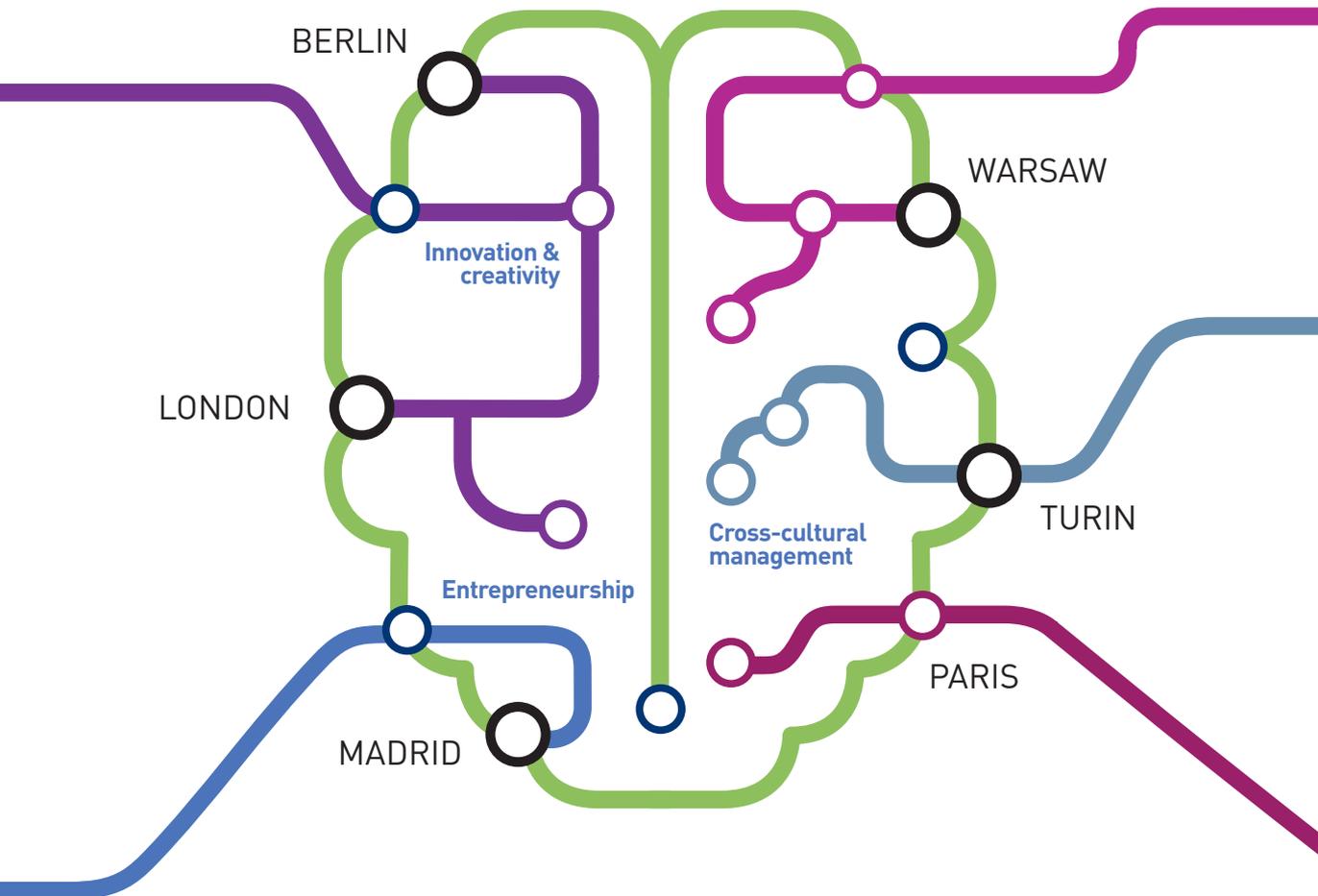




BUSINESS SCHOOL

MSc IN ENERGY MANAGEMENT

2017 - 2018



affiliated to



EUROPEAN IDENTITY
GLOBAL PERSPECTIVE

The World's First Business School (est. 1819)

ESCP EUROPE 6 URBAN CAMPUSES



BERLIN

The Berlin campus is located near one of the historical centrepieces of Berlin, The Charlottenburg Castle. Located in baroque gardens, this monument overlooks the School's beautiful late-19th century building. Throughout the year, several events and conferences on the latest business issues take place in this dazzling city in the midst of Europe.



LONDON

Located in West Hampstead in northwest London, this campus offers students state-of-the-art facilities in a traditional Victorian building. The bright city lights and the business community are only a short tube ride away, while the fashionable area of West Hampstead offers a broad cultural experience away from the hustle and bustle of inner-city life.



MADRID

Found in a residential suburb just a few moments out of the city centre, the Madrid campus is an ideal place for students to focus their energy on the challenging demands of the programme. A short bus ride will bring students into the centre of Madrid and all that it has to offer.



PARIS

The Paris campus is conveniently located in the centre of the city in the 11th arrondissement, a few steps away from Saint-Maur metro station. It was the first of ESCP Europe's six locations and hosts a large number of faculty members and students.



TURIN

The Turin campus is located in a beautiful building with modern facilities. Turin is one of the main business centres of the Italian economy, as well as a masterpiece of architecture and one of the favourite student cities in Italy.



WARSAW

Our campus is based at Kozminski University, located in Warsaw's north-eastern district of Praga Północ. It is one of the city's most historic neighbourhoods, with the art community and tourists alike drawn by its charm, museums and beautiful outdoor spaces. Kozminski University prides itself on providing world-class academic, social and sporting facilities for students at its 3.4 hectare, city-centre campus.

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ESCP EUROPE: EUROPEAN IDENTITY, GLOBAL PERSPECTIVE



"Established in 1819, ESCP Europe is the oldest business school in the world. Its mission is to develop the next generation of transnational business leaders, preparing them to embrace the opportunities offered by cultural diversity.

With its six urban campuses in Berlin, London, Madrid, Paris, Turin and Warsaw, ESCP Europe's true European Identity enables the provision of a unique style of cross-cultural business education and a Global Perspective on international management issues.

Through a combination of innovative pedagogy, cross-campus programmes and a research-active faculty, ESCP Europe is an essential contributor to the development of the transnational management culture so essential in today's global business environment.

Our network of 100 partner universities extends the School's reach from European to worldwide. Triple-crown accredited (AACSB, EQUIS, AMBA), ESCP Europe welcomes 4,000 students and 5,000 executives from 90 different nations every year, offering them a wide range of general management and specialised programmes (Bachelor, Master, MBA, PhD and Executive Education).

The School's 49,000-strong alumni network counts members from 200 nationalities. Together with its long-standing relationships with national and multinational companies, this network allows ESCP Europe to provide unique career opportunities on an international scale.

The aspiration of ESCP Europe is the credo of Europe: to remain faithful to its humanistic values while at the same time anticipating the new ways of the world."

Prof. Frank Bournois, Dean of ESCP Europe

ESCP EUROPE RANKING & ACCREDITATIONS

Rankings

Worldwide Financial Times

- #2** Master in Finance
- #4** Master in Management
- #11** European Business Schools
- #12** Executive MBA



Accreditations

ESCP Europe is among the 1% of business schools worldwide to be triple-accredited

ESCP EUROPE IN NUMBERS...



"ESCP Europe can be described as embracing maximum cultural diversity within minimal geographical distances. The School's cross-border multi-campus structure, combined with its highly culturally diverse student and faculty body, makes ESCP Europe a natural expert in multi-national/cross-cultural management and entrepreneurship education, not only in Europe but all around the world. As the World's First Business School, ESCP Europe has offered a long and successful history of high-class business and management education for almost 200 years."

Prof. Andreas Kaplan
Dean for Academic Affairs

1819 The World's First Business School is established by a group of economic scholars, businessmen and entrepreneurs in Paris. Even at its debut ESCP Europe had a Global Perspective, with one third of its students coming from international backgrounds.

1973 The concept of a multi-campus business school is born with the consecutive inaugurations of campuses in the United Kingdom and Germany

1988 Opening of the fourth campus in Madrid

2004 ESCP Europe enters Italy with its fifth campus in Turin

2015 The School establishes its sixth European campus via a strategic alliance with the Warsaw-based Kozminski University, the only business school in Central and Eastern Europe with triple accreditation (AACSB, EQUIS, AMBA).

A MESSAGE from the Programme Director

INTRODUCING THE MSc IN ENERGY MANAGEMENT

No one can argue that energy companies and policy makers are facing significant challenges as we enter a new era. The issues to be addressed are many: can we count on technological breakthroughs to cope with surging energy demand and at the same time handle the long term environmental constraints? What type of regulatory framework is most likely to provide the incentives for necessary changes to take place? To what extent are nations ready to cooperate in addressing global energy and environmental challenges? Can we be assured that capital markets will provide the tremendous funds needed to develop energy infrastructures and improve energy efficiency?

As a leading European business school, ESCP Europe is involved in shaping the future of the energy industry. The sector has long been segmented into upstream versus downstream, oil and gas versus utilities, resulting in a high degree of specialisation. Today's managers need to have a broader perspective with an integrated view of the various issues in order to cope with complexity; to have a clear understanding of antagonisms across players; and to eventually be able to anticipate and design proper sets of actions and strategies. In other words, to enable them to deal effectively with the dramatic changes taking place. This is the driving force behind the MSc in Energy Management.

Indeed, with six campuses in Europe, and global reach through its network of alumni and many partnerships, ESCP Europe is in a unique position to design and offer such a programme. In particular, by taking advantage of European differences and challenges, we are in a position to enrich the programme content and create discussions on crucial issues.

Prof. Kostas Andriosopoulos
MSc in Energy Management Programme Director



YOUR 360° VIEW OF THE ENERGY BUSINESS

MSc in Energy Management

KEY FACTS

- 18-month programme beginning in September
- Taught in two locations: London and Paris
- Study entirely in English
- Integrated internship
- Delivered by world-renowned faculty and industry practitioners
- Strong support from the energy industry via our Research Centre for Energy Management > www.rcem.eu
- A truly international, cross-cultural learning environment
- Excellent networking opportunities offered by our 49,000-strong alumni
- State-of-the-art Trading Room (London campus)
- Designed for students with Bachelor degrees (or equivalent) in any field of study
- Accredited as an MSc by the Conférence des Grandes Ecoles



PROGRAMME OBJECTIVES

- Understand the energy business environment and its fundamental economic and technological concepts
- Gain the ability to develop and implement strategies to address major issues in energy regulation and policy
- Develop in-depth knowledge of energy technologies, industries and markets
- Strengthen your ability to work in a highly multicultural and international environment
- Broaden your horizons by studying alongside students from a vast range of backgrounds, such as business management, economics, engineering and social sciences
- Prepare to take on major responsibilities in tomorrow's economic environment by developing a personal vision of the globalised economy
- Develop a thorough and practical approach to managerial issues and resources related to the energy industry



STUDENT PROFILES

The current class of MSc in Energy Management student is truly multicultural and diverse, verifying the international dimension of all ESCP Europe master programmes.

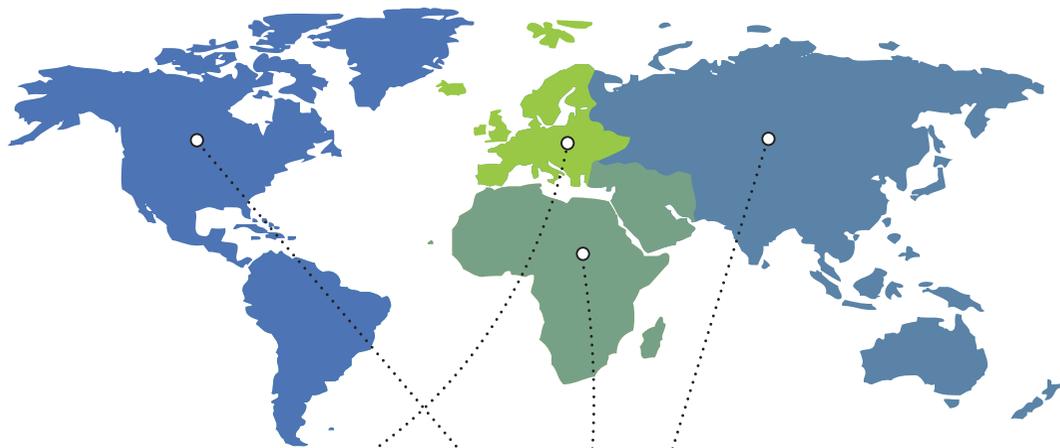
DIVERSE PROFILES

NUMBER OF PARTICIPANTS	36
NATIONALITIES	19
AVG. YEARS OF EXPERIENCE	2.5
AVG. AGE	25

NATIONALITIES

EUROPE	61%
ASIA PACIFIC	12%
AMERICAS	9%
AFRICA & MIDDLE EAST	18%

COUNTRY BREAKDOWN



61% - EUROPE

Germany, France, Italy, Belgium, Bulgaria, Netherlands, Austria, Cyprus, Greece, United Kingdom, Hungarian, Poland, Slovakia, Spain, Slovenia

12% - ASIA PACIFIC

Indonesia, Australia, China, Nepal, India, Malaysia, Taiwan

18% - AFRICA & MIDDLE EAST

Iran, Morocco, Lebanon, Niger, Uganda, Côte d'Ivoire, Nigeria, Azerbaijan, Turkey, Tunisia, Qatar, Angola

9% - AMERICAS

United States of America, Mexico, Canada, Brazil, Colombia



In a fast-changing energy world, it is very important for industry to attract managers that are able to think out of the box. ESCP Europe is providing those next industry leaders.

Dr. Thierry Bros

International Gas Consultant & Founder, Thierrybros.com and Affiliate Professor at ESCP Europe for Energy Strategy and Management



Michael Jefferson

Editor, Energy policy Journal and *fmr.* Chief Economist at Shell

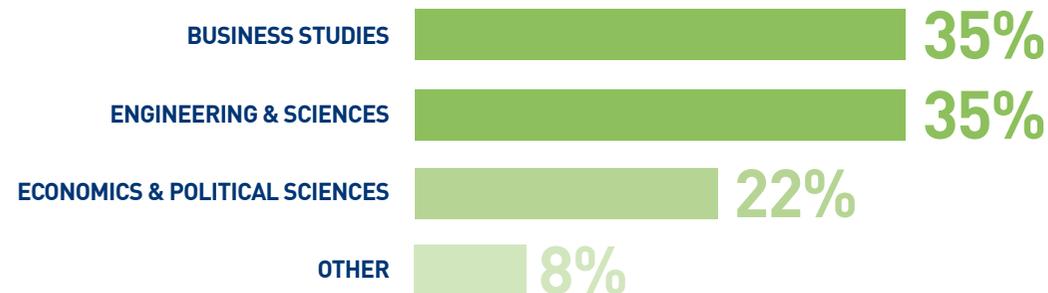


Stephen Edwards

Chief Executive Officer, Tailwind Energy Ltd

STUDENT PROFILES

PREVIOUS STUDIES



GENDER DIVERSITY



74%
MALE



26%
FEMALE

ESCP Europe is well known for its unique historical status and powerful international network. But what makes the energy programmes extra special is the input from those who have held, and those who still hold, senior posts in the energy policy and management fields. There is nothing like building on the insights provided by those with practical experience. I have been highly impressed by the quality of students.

My interaction with the ESCP Europe community and its Research Centre for Energy Management is always a refreshing engagement. Whilst the formal lectures and subject matter is given sufficient air time and consideration, the real learnings come via the ensuing discussion. As an example, the quality and pace of one debate quickly led from broad topics such as oil price variables, M&A market liquidity and the NOC / IOC dynamic, to local impacts such as environmental governance and industry accountabilities—all in the context of the question 'can the oil industry coexist with society's expectations?' The collective energy, knowledge and participation of the ESCP Europe cohorts is as unique as it is impressive.



PROGRAMME OVERVIEW

2017

2018

September	October to December	January to March
Induction week (London, UK)	Term One (London, UK) 180 hrs	Term Two (London, UK) 165 hrs
<ul style="list-style-type: none"> • Macro-Economics & Geopolitical issues • Problem Solving and Decision Making (PSDM) • Business Statistics 	<ul style="list-style-type: none"> • Principles of Finance • Corporate & Business Strategy • Microeconomics • Financial Accounting • Research Methods 	<ul style="list-style-type: none"> • Operations & Supply Chain Management • Managing an Organisation • Fundamentals of Marketing
	<ul style="list-style-type: none"> • Oil & Gas Business • Electricity & Renewable Markets 	<ul style="list-style-type: none"> • Energy Markets and Other Commodities • Energy Policy: <ul style="list-style-type: none"> - Security, Affordability, Sustainability - Energy Efficiency
		<ul style="list-style-type: none"> • Project Financing & Evaluation • Risk Management: Objectives, Methods & Instruments • Energy Trading Game
<p>The curriculum is designed to fulfil three main objectives:</p>	<ol style="list-style-type: none"> General Management: develop participants' general management skills with a focus on energy-related case studies Energy Fundamentals: provide participants with essential energy industry-specific knowledge (energy technologies, market mechanisms and policies) Managerial Challenges for Energy Firms: develop skills to cope with the strategic and managerial challenges energy companies and institutions are facing 	

The curriculum includes language courses and a module on career services

2018

April to mid-June	June	December
Term Three (Paris, France) 120 hrs	International Seminar (Washington, DC and Houston TX, USA)	Master Thesis & Internship
<ul style="list-style-type: none"> • Portfolio Management • Environmental Management & CSR in an Energy Firm • Energy Law 		<p>Master Thesis</p> <p>Submission Deadline: by December 2018</p>
<ul style="list-style-type: none"> • Energy Risk Management: Market Risk & Hedging • R&D and Innovation Management in the Energy Business • Energy Landscape Analysis • M&A in the Energy Industry • Operational Risk & Crisis Management 		
Electives	<p>By April 2019</p>	<p>Internship</p> <p>minimum 10-week internship</p>
<ul style="list-style-type: none"> • Portfolio Management • Energy Landscape Analysis • M&A in the Energy Industry • Operational Risk & Crisis Management <p><i>You can either choose to attend the International Seminar and 2 electives, or do all 4 electives without attending the International Seminar.</i></p>		

Having been a student of ESCP Europe myself, I very much appreciate the quality and internationality of the School and the programme. And as the CEO of a major international energy company, I value the energy focus of the RCEM, the School's practice-oriented faculty, and its highly motivated students.

Klaus Schäfer
CEO, Uniper SE



CURRICULUM

MANAGERIAL CHALLENGES FOR THE ENERGY FIRM MODULES

Project Financing and Evaluation (15 hours)

Project finance is a means of raising funds for large-scale projects. It refers to particular financial schemes involving various stakeholders from different countries, where lenders provide most of the funds required with zero or limited recourse, counting primarily on the project's potential cash flows to repay the debt. Because of important needs in areas such as infrastructure development, energy supply and transport or industrial development, project finance has gained considerable attention. The course objective is to provide participants with a methodology to analyse and evaluate the projects – with a particular focus on risk analysis – before presenting the contractual and financial engineering aspects.

Risk Management: Objectives, Methods and Instruments (15 hours)

The objective of this module is to provide participants with a practical and theoretical approach to risk management so that they can eventually take part in the design and implementation of a risk management plan. This course starts with a discussion on the 'risk appetite' of the company, before introducing the risk management process – risk identification, assessment, mitigation and control – and the basic concepts and tools that participants need to be familiar with.

Energy Trading Game (15 hours)

Trading activities are central in the value chain of most energy companies exposed to energy commodity risks. This session will provide participants with the opportunity to become familiar with trading activities in our state of the art, on-campus simulation trading room.



Energy Risk Management: Market Risk and Hedging (15 hours)

This module builds on the concepts learnt in the previous risk management course. The volatility that prevails within energy markets is a major source of risk, with specific features requiring the use of particular hedging instruments and measurement tools which are presented in this course. At the end of it, participants should understand modern financial derivative contracts and their applications. It sets the basis for financial engineering, a multidisciplinary field that relates to the creation of new financial instruments and investment strategies. Students will also learn how to select the appropriate instrument each time for different risk management applications; how to hedge certain market risks using derivatives; and to appreciate the importance of financial derivatives contracts.

R&D and Innovation Management in the Energy Business (15 hours)

In an industry where technological breakthroughs are expected to provide answers to the many challenges companies are facing, the capacity to innovate and to adopt new technologies is a major source of value creation and a key strategic advantage. Developing an innovation culture within the organisation, transforming ideas into business projects, assessing the return on R&D expenditures and defining priorities are some of the many issues to be discussed during this course, with illustrations taken from the energy industry.

MANAGERIAL CHALLENGES FOR THE ENERGY FIRM MODULES

*M&A in the Energy Industry (15 hours)

This module is an introduction to the field of M&A from a financial and strategic point of view. The course considers recent transactions, especially in the field of energy. Statistical analysis of failures and successes leads to a research of the reasons why some M&A succeed and some fail. Following an initial introduction to evaluation, lessons learnt from real-life cases lead a 'dos and don'ts'-style review. Upon successful completion of the module, students will be able to: express rigorous analyses of strategic issues in a concise, thorough, clear and professional manner; using the appropriate framework; critically evaluate the strategic situations of organisations and their competitors; and explain and critically assess the nature of sustainable competitive advantage in the contemporary business environment.

*Operational Risk & Crisis Management (15 hours)

Considering the increased complexity of energy projects as companies are entering a new technological era marking the end of "easy oil", there is a growing concern about the real preparedness of companies to deal with the new risks they are facing. The potential severity of those risks due to the important damages caused to the environment and their possible impact on populations explain this apprehension. Furthermore, the mis-handling of recent catastrophes by large energy companies now cast serious doubts as to their ability to prevent severe accidents from occurring and, if they do, to control their development. The objective of this course is to provide participants with a practical and theoretical approach to risk management, with a critical view, so that they can actively participate in the design and implementation of a risk management plan.

*Energy Landscape Analysis (15 hours)

From International Oil Companies (IOC) to Juniors via National Oil Companies (NOC), from integrated to pure player, from old centralised energy companies to new decentralised companies, this course will set the scene to understand all the players in the energy complex. From coal to gas, from nuclear to hydro, all energy companies will be analysed. The course will give students a broad view of energy companies, their history and the keys to understand their strategy.

The asterisk (*) indicates an elective module

You can either choose to attend the International Seminar and 2 electives or do all 4 electives without attending the International Seminar.

The business of oil & gas has become more and more complex, making energy management crucial. ESCP Europe's Energy Management programmes and the RCEM contribute to improve our understanding and training the leaders of tomorrow.

Cécile Tibi-Rambal
VP, Markets Risk Management, Total



LIFE CHANGING EXPERIENCES

INTERNATIONAL SEMINAR IN THE US

► 1-week seminar in: June 2017

ESCP Europe students on the MSc in Energy Management programme have the option of attending a week-long International Seminar in Washington, DC and Houston, TX in the USA.

Both American locations are an influential hub for all major international aspects of the energy industry. Washington, DC gathers senior executive industry leaders, investors and energy and policy experts. Houston is a "growth leader" in the USA market and broadly considered the "energy capital" of the world. On this week-long International Seminar, students will experience how business and expertise are utilised to foster innovation, and be exposed to business know-how and industry and public policy issues in both academic and industry environments.

All participants will attend lectures by local experts, seminars by practitioners, and engage in company visits. It is not only an opportunity to solve a real-life challenge posed by one of ESCP Europe's many corporate partners; it also allows students to put into practice the theory and knowledge acquired during their time with the School. Many students use this opportunity to do a project with a company for whom they wish to work, and as such this is a great opportunity that could potentially lead to future employment.

Participants attending the International Seminar in the USA will be required to write an individual essay of a minimum of 1,500 words on the topic "Evaluating the prospects of investing in the Energy sector in the USA".

- Students attending the International Seminar will need to cover their own travel and accommodation costs.



AND



The week-long International Seminar gave me the opportunity to expand my knowledge about the current global energy markets. The industry lectures, workshops and site visits gave me the chance to be exposed to the expertise of the most authoritative American energy thought leaders. It provided me with new tools and critical thinking to undertake new challenges of innovation in the energy environment.

Brice Tranie, Class of 2016

A UNIQUE TRADING EXPERIENCE



TRADING ROOM

In collaboration with our training partners, PVM Smart Learning, and expert trading consultants, Smart Global Trading, we deliver a state-of-the-art trader simulation experience. The unique combination of interactive presentations, delivered by industry leaders, followed by practical simulation reinforces learning whether you want to be a trader or just enhance your knowledge of the oil markets.

My experience in ESCP Europe was a life changer. The trading room experience was a two-day exercise organised by professional traders in a way that was both fun and educational. We shouted and competed for best price in our trades and learned tips from the experts.

Marina Tourkolia - Class of 2014

The trading experience in the MSc in Energy Management takes you into the heart of commodity trading. It is an exciting simulation that shows you real-time situations traders face on a daily basis. This module offers future traders or people that would like to understand how commodities markets function to have a real and tangible experience.

Sebastian Zibert - Class of 2015



MASTER THESIS

► Submission Deadline: December 2018

ESCP Europe is committed to providing practical education that goes far beyond the four walls of a lecture room. Students on the MSc in Energy Management are required to complete a Master thesis which, in some cases, may be completed in partnership with a sponsoring organisation. The thesis is an individual project for the Master degree and must be approximately 12,000 words. It is a theory/praxis-driven investigation into a relevant business or management issue. Each student conducts the thesis under the supervision of a faculty member. Students are encouraged from the start of the programme to think about a topic for their thesis. Master theses are processed and managed jointly by the Programme Office team and the Programme Director.

The Master thesis requirement enables students to:

- develop skills in problem identification and formulation
- select appropriate research methods
- plan a complex piece of work
- collect and interpret relevant data
- carry out a critical analysis and formulate recommendations

The Master thesis is a key element of the programme, designed to provide participants with a collaborative, multi-disciplinary learning experience. It is not only an opportunity to solve a real-life challenge posed by one of ESCP Europe's many corporate partners; it also allows students to put into practice the theory and knowledge acquired during their time with the School. Many students use this opportunity to do a project with a company for whom they wish to work, and as such this is a great opportunity that could potentially lead to future employment.



INTERNSHIP

► A minimum 10-week internship by: April 2019

The programme ends with a minimum 10-week internship to be completed by the end of April 2019. The internship provides participants with the opportunity to be confronted with real business life conditions and develop their practical skills as part of an action learning pedagogy. These important jobseeking skills are developed with the professional support of School specialists in the Careers Office and the Alumni Association.

Satisfactory fulfilment of the internship requirement is also dependent on the completion of an internship report reviewed by the School and the internship sponsor.

The MSc in Energy Management degree is awarded upon the passing of all modules and the thesis, and completing the internship requirement.



ADMISSIONS

and practical information

ADMISSION REQUIREMENTS

- To be eligible you must have completed your higher education to a level equivalent to a Bachelor degree in any discipline. Honours degrees are preferred (2:1 or equivalent from an overseas institution).
- The MSc in Energy Management programme does not require any previous knowledge or work experience in the energy sector. However, we require our candidates to have at least one year of work experience (including internships in any industry).
- Fluency in English. For non-native English speakers, we require the following minimum scores: TOEFL IBT: 100; TOEFL written test: 600; TOEFL computer-based: 250; IELTS: band 7. If you are a non-native English speaker who has previously studied or worked for more than two years in an English-speaking country, you are exempt from providing a TOEFL or IELTS score. You will, however, have to be assessed by the selection committee during your admission interview.

ADMISSION PROCEDURE

Applications are treated on a first-come, first-served basis. As places on the course are limited, we therefore advise you to submit your application as early as possible. Admissions test and interviews operate with rolling deadlines from November 2016 to August 2017 for the September 2017 intake.

You can submit your application online by visiting our website: escpeurope.eu/mem

The following supporting documents must be submitted with the online application:

- Copies of previous grade transcripts and degree certificates to date
- Curriculum vitae
- Photocopy of passport or ID
- GMAT / GRE / TAG-MAGE / PAEP score (if available)

ADMISSIONS CONTACT

If you require any further information on the programme or have any questions regarding your application, please contact:

Viktorija Nikitina

Admissions Coordinator
London campus

Tel: +44 (0)20 7443 8873
msc.energy@escpeurope.eu

COSTS & FINANCING

FEES

Tuition fees for the programme are set at £19,900 (all students, EU and non-EU). Travel and accommodation costs are not covered by the fees.

There is an application fee of £130 for all applicants. Please note that the application fee is non-refundable.

Tuition fees may be subject to change. Please check our website for up-to-date information www.escpeurope.eu/mem

More information on the payment methods can be found in the online application.

SCHOLARSHIPS

ESCP Europe strives to attract the best students, regardless of their financial background. As such, the School offers a selection of financial need and merit-based scholarships. Around 400 are awarded every year, representing a total of €1,500,000.

The MSc in Energy Management offers students partial scholarships worth up to £9,000 on the basis of both academic excellence and financial need.

The final deadline to apply for an ESCP Europe MSc in Energy Management scholarship is 7th July, 2017.

It is also possible to attain scholarships granted independently of the School. For further information please write to: msc.energy@escpeurope.eu

Some countries provide scholarships for their own citizens. Please obtain information in your home country by contacting the relevant government bodies and foundations.

SCHOLARSHIP DEADLINES:

SESSION 1:	SESSION 2:	SESSION 3:
10th February, 2017	5th May, 2017	7th July, 2017

COST OF LIVING

In order to evaluate local expenses, one should take into account the cost of living in each city where the programme takes place. The cost of living is approximately €1,000 per month in Paris and about £1,100 per month in London. This is just a guideline and may fluctuate.

OTHER SOURCES OF FINANCIAL AID INCLUDE

Campus jobs: Several on-campus jobs are available and paid by the hour.



THE RESEARCH CENTRE FOR ENERGY MANAGEMENT @ ESCP EUROPE

A MESSAGE FROM THE RCEM DIRECTORS



Prof. Kostas Andriosopoulos

RCEM Executive Director
ESCP Europe
London Campus



Prof. Patrick Gougeon

RCEM Emeritus Director
ESCP Europe
Paris Campus

Few would dispute the assertion that we are entering a new energy era: global demand for energy booms; price volatility and geopolitical instability are increasingly common, as are globalisation and market deregulation; and all the while environmental concerns grow. Both collectively and individually these factors call for a significant restructuring of the energy sector to improve efficiency and develop new sustainable energy sources.

The challenges are primarily technological and managerial. Considering the amount of capital needed to boost energy supplies and promote the necessary technological innovations in a world of high uncertainty, expertise in project management, supply chain, finance, human resource and organisational management are of the utmost importance for decision making and forming policy.

Bringing together the expertise of its faculty and its many external international associates, the objective of the Research Centre for Energy Management (RCEM) at ESCP Europe Business School is to cooperate with, and possibly assist, key industry players to facilitate the integration of managerial and technological skills.

The results of RCEM's research are available to the public through publications, workshops and conferences, educational programmes and other public outreach activities. Research at RCEM will be enhanced through direct cooperation with government agencies, and academic and industry associates from across the globe.

OUR MISSION

The RCEM's Mission is to build a strategic partnership between academia, industry and government, to debate the challenges of the new energy era. This has been achieved through the promotion of rigorous and objective empirical research on issues related to energy management, finance, energy policy, technology advancements and innovation, in order to support decision-making by both government and industry.

RCEM ADVISORY BOARD

Our Advisory Board Members hold key positions in leading international organisations:

Repsol	Energy UK
Siccar Point Energy	EDF Trading
Société Générale	Energy Innovation Centre
Rolls-Royce	Energy Managers Association (EMA)
Perenco	UNIPER
Tailwind Energy Ltd	Total
Natural Gas World	Knud E. Hansen A/S
Energy Policy Journal	International Gas Union
3H Partners	Gazprom
Engie	World Energy Council
E.ON Global	Gaznat
Commodities SE (EGC)	GIIGNL

Find out more about the RCEM advisory board: www.rcem.eu/about/advisory-board

ESCP Europe's Research Centre for Energy Management has become a world centre for focusing attention on global energy problems with special emphasis on renewable energy and also for providing a platform for in-depth discussions on these issues by energy practitioners around the world.

Dr. Mamdouh Salameh

International Oil Economist, United Nations Industrial Development Organisation (fmr World Bank)

The RCEM and ESCP Europe Energy Management programmes provide a unique blend of academic learning and direct involvement of experienced private sector executives in a multicultural environment. This approach allows to balance theoretical tools with pragmatic, down to earth experience while confronting viewpoints from different part of the world.

Ronan Lory

Chief Financial Officer, EDF Trading

THE CENTRE'S ACTIVITIES



RESEARCH CENTRE FOR ENERGY MANAGEMENT

The RCEM provides a platform for international dialogue through a wide range of events, publications and academic programmes, all of which feature contributions from leading international experts, as well as ESCP Europe faculty, students and Alumni. These include:

- International Conferences & Workshops
- RCEM Invited Talk Series
- Research & Publications
- Views on Energy News
- ESCP Europe Energy Society
- MSc in Energy Management (MEM)
- Executive Master in Energy Management (EMEM)
- Bespoke Executive Education
- Advanced Master Classes

VIEWS ON ENERGY NEWS

Thanks to the Research Centre for Energy Management's wide network in the academic and business communities, our views on energy news give you comprehensive insight into energy issues across the globe.

Please join us @ www.rcem.eu/views



RESEARCH & PUBLICATIONS

RESEARCH THEMES

Central to the mission of the RCEM is the communication of research results to inform and support decision making in industry and government. Priority is given to topics with high managerial or strategic relevancy, and research developed in close cooperation with corporate sponsors to analyse and provide solutions to specific questions. The Centre's research themes cover a wide range of topics related to Energy markets, including but not limited to:

- Electricity Markets and Renewables
- Oil, Gas and LNG markets
- Energy Policy and Energy Efficiency
- Climate Change, Emissions Trading and the Environment
- Deregulation, Competition and Strategic Management
- Project Financing and Merges & Acquisitions
- Technological Innovation and Energy Storage
- Ethics, Sustainability and Corporate Social Responsibility

POLICY & MARKET BRIEFS

Policy & Market briefs are aimed at raising awareness on the status, challenges and opportunities of the energy sector.

Bringing together the most up-to-date information, policy & market briefs:

How we meet the energy needs of people has never been more central to the global political and social debate. The RCEM at ESCP Europe provides an excellent platform that brings together world-class academics, leading industry and government experts to discuss current energy challenges around the globe. ESCP Europe is helping to develop the next industry leaders and are pleased to be associated with RCEM and its expertise.

Rick Gill

Managing Director, Natural Gas World

PUBLISHED PAPERS

RCEM Experts regularly publish their research findings in leading academic peer-reviewed journals.

RCEM WORKING PAPERS

The Working Paper series provides researchers with the opportunity to make the results of new and continuing work available in a timely fashion. Many of the working papers are draft stages of research produced by members of the RCEM and joint projects with external researchers that will eventually be published in international scientific journals.

JOURNALS AND SPECIAL ISSUES

The RCEM is actively involved with the publication of the most prestigious academic journals and special issues, produced by top publishers such as Inderscience, Elsevier, Risk and many others.

- Provide a comprehensive and timely summary of energy policies
- Reflect on the challenges of the energy market in light of the concerns of energy security and environmental protection
- Offer market updates and insights on how companies invest in the energy transition

Since 2013, ESCP Europe Business School, the RCEM and Smart Global have worked together in a number of successful collaborative projects, which have provided students with a realistic experience of working on a busy oil trading floor; this helps put into a practical context what they have been learning in the classroom. We have always been impressed with how well informed and engaged the ESCP Europe students are, which is a testimony to both the quality of the faculty and the education they provide.

Luke Horswell

Director, Smart Global

ESCP EUROPE ENERGY SOCIETY



The ESCP Europe Energy Society is a student association based at the London Campus, open to all students, alumni and academic staff at the School. The aim of the Energy Society is to engage ESCP Europe students across our six campuses in industry related events, maximise networking opportunities, and help develop professional skills through a range of activities:

- Panel discussions and debates led by top experts
- Participate in international energy competitions
- Produce energy-related articles and publications
- Company and site visits
- Organise innovative energy-related activities such as the Electric Vehicle Road Trip (EVRT) and the Energy Trading Challenge

ESCP EUROPE Electric Vehicle Road Trip 2017

In a bid to show that the means of tackling climate change through greener transport are accessible to the general public, ESCP Europe Business School's Energy Society organised a high-profile electric vehicle tour of Europe in 2017.

ELECTRIC VEHICLE ROAD TRIP 2017

Travelling Europe using clean and sustainable transport without compromising on comfort and performance.

Electric Vehicle Tour of Europe with International Conferences on Energy Efficiency, Transport and Climate Change: **London, Berlin, Turin, Paris and Madrid**

► Learn more: rcem.eu/energy-society

ENERGY TRADING CHALLENGE (ETC)

WHAT IS THE ETC?

The Energy Trading Challenge is a competitive team event open to participants from the world's top universities

- Two eight-hour days of professionally-crafted trading scenarios representing two full months in the Energy industry
- State-of-the-art, real-time, web-based trading simulator, including: market grid, deal entry, position keeping via a professional exposure sheet, news feed and charting
- Representatives from major Trading Houses and Energy Companies in attendance
- Professional traders providing insight sessions throughout the challenge, including trading concepts and techniques
- Prize-giving ceremony at the end of the second day
- Entry open to current university students
- Winning team will have the opportunity to interview with a leading Energy trading firm



ACADEMIC EXCELLENCE AND PRACTICAL INFORMATION



FACULTY

130 professors make up the ESCP Europe full-time faculty. The School also has more than 80 affiliate faculty members, and some 700 part-time professors and working professionals. Each year, the School welcomes more than 40 visiting professors from leading universities around the world.

INTERNATIONAL EXCELLENCE

The School offers academic excellence of an international standard. This is recognised by several national and international rankings, in which ESCP Europe is regularly placed in the top positions. In particular, the multicultural and international dimensions of our programmes are consistently recognised.

AN OUTSTANDING FACULTY COMMITTED TO THEIR STUDENTS

ESCP Europe's full-time faculty members devote a large portion of their time to research in order to develop and disseminate knowledge at the forefront of their fields for the benefit of students, corporations, and society as a whole. They regularly publish their work within leading international outlets, and are active members of national and international research networks. Moreover, each faculty member has one day per week for consulting activities and as such stays closely connected to the business world.



FACULTY & EXPERTISE



Dr. Kostas Andriosopoulos

Associate Professor – Finance and Energy Economics
London Campus

Kostas is the Executive Director of the Research Centre for Energy Management at ESCP Europe Business School, where he holds the position of Associate Professor in Finance and Energy Economics. He is also the Academic Director of the two Masters in Energy Management. Kostas holds a PhD in Finance (Cass Business School, City University London), where he has been the recipient of the Onassis scholarship, an MBA and MSc in Finance (Northeastern University, Boston), and a bachelor's degree in Production Engineering and Management (Technical University of Crete). He is a widely published author, has been presented in recognised conferences world-wide, edited special issues and acted as a reviewer for a number of recognised academic journals, and has organised numerous international conferences. Kostas was Vice-Chairman of the BoD of DEPA and currently is a board member of the Global Gas Centre of the World Energy Council, acts as Chairman of the Hellenic Academics Association of Great Britain, and is also the Chairman of the Hellenic Association for Energy Economics, the official affiliate of the International AEE. Moreover, he was a member of the Energy Commission of the Industry and Parliament Trust in the UK (2012-13). He lives in London with his wife Chrysoula and his two children, Maria and Dimitris.



Dr. Patrick Gougeon

Emeritus Professor - Economics & Finance
Paris Campus

Patrick is an Emeritus Professor of Finance and Economics in ESCP Europe. In the course of his career with the School he has occupied several positions in France and abroad. In London, he was the Campus Director; in Asia he was the Director of the School of Management at the Asian Institute of Technology (AIT, Bangkok, Thailand); in Paris he was the Director of the MBA programme. Patrick also contributed to the development of various international programmes, such as the MEBF (Master in Economics of Banking and Finance, Hanoi & Ho Chi Minh (Vietnam)), an ESCP Europe/Paris Dauphine joint programme; he holds the position of academic co-director. His research activities were first in the field of insurance and risk management. More recently he has also developed an expertise in the field of energy management with a particular focus on international project finance. Presently he is member of the board for the MSc in Energy Management, the Executive Master in Energy Management and the RCEM.



Dr. Davide Sola

Associate Professor - Strategy and Management
London Campus

Davide has a degree and doctorate in Enterprise Economics from the University of Turin, with his doctoral thesis focused on Organisational Transformation. Following graduation Dr. Sola became involved in several technology start-ups, first in Oxford through the Oxford Centre for Innovation, then in London under the umbrella of a number of venture capital and private equity firms. Subsequently he moved to join the Hartley Investment Trust, a private equity firm based in London specialised in corporate structuring and investment in fast growing organisations; there he worked as Head of New Ventures. Dr Sola is also the co-founder and partner at Principal 3H Partners LLP.

FACULTY & EXPERTISE



Dr. Miguel Palacios

Professor – Strategy, Organisational Behaviour & HR
Madrid Campus

Miguel is the Academic Dean for Executive Education at ESCP Europe's Madrid campus and is involved in projects with energy clients, mostly in the area of innovation, business models and business planning. Miguel holds a BS, MSc and PhD from Universidad Politecnica de Madrid (UPM), an MSc from Ecole Centrale Paris, and an MBA from MIT Sloan. Prior to joining ESCP Europe, he was the Coordinator of the Business Administration Unit at UPM and two Erasmus Mundus masters, one in energy. He has also worked for several years at Alcatel in new product development, and with Diamond Cluster (now Oliver Wyman) in management consulting, launching several companies in different sectors throughout Europe for the latter. His current research is related to entrepreneurship, business models and innovation, both for the energy sector and other industries.



Dr. Olivier Delbard

Professor – Environmental Management & CSR
Paris Campus

Olivier is a Professor in the Department of Economics, Law and Social Sciences at the Paris campus. He has been appointed as Sustainability Coordinator for ESCP Europe. He holds a Doctorate degree from the University of Paris IV Sorbonne and obtained his HDR (French qualification for PhD supervision) in Economics in 2010. His general area of expertise concerns the strategic and macro-economic issues of sustainable development and CSR, and the related new multi-stakeholder modes of governance. One of his current interests is on corporate responses to sustainability issues and regulation, and the respective roles of companies, public authorities and civil society in the implementation of new hybrid models. His book published in 2009 deals with the issue of responsible business today and investigates the future social involvement of companies in our societies. Dr Delbard's current research interests focuses on perceptions and attitudes toward CSR. Olivier Delbard is the Scientific Director of an executive education programme entitled Managing Responsibility on a Daily Basis (in French). He is also the Academic Director (Paris Campus) for the newly created MSc in International Sustainability Management which takes place at the Berlin and Paris Campuses.



Dr. Panagiotis Dontis Charitos

Assistant Professor – Finance
London Campus

Panagiotis serves as Assistant Professor of Finance at ESCP Europe and is the London Academic Director of the Bachelor in Management. Previously, he was Senior Lecturer in Finance, and Course Director of the MSc Finance, Banking, and Insurance at the University of Westminster, London. His main research interests are in the areas of bank diversification and regulation, and financial markets and institutions. His research has been published in US and European peer-reviewed journals and has been presented at various international conferences. Panagiotis holds a PhD in Finance from Cass Business School, City, and the University of London. He is a member of the advisory board of the BAFA Financial Markets and Institutions Special Interest Group. In the past, he has worked as a stock analyst and sales analyst in the financial services sector.



Dr. Vanessa Strauss-Kahn

Professor – Economics
Paris Campus

Vanessa is a Professor of Economics at ESCP Europe since September 2008. She received a PhD in Economics from New York University and has been faculty member at INSEAD for 7 years. Recently, she worked at The American University of Paris (AUP) as Associate Dean of the Graduate Business School and Associate Professor of Economics and Finance. She has also worked for the World Bank in Washington, D.C., the Inter American Development Bank, as well as for the United Nations Development Programme on specific missions. She taught microeconomics, managerial economics and several topics related to international trade, globalisation and regulation to MBA and Executive students at INSEAD, Baruch College International Programmes (Singapore and Paris) and AUP.



EXPERIENCING

corporate and professional life



CORPORATE LIFE AND INTERNSHIPS

During their studies at ESCP Europe, students have several opportunities to experience corporate life and to participate in various student associations. These activities offer not only social benefits, but also crucial hands-on experience to prepare them for their future job search. Innovative pedagogy based upon case studies, instruction from visiting executives and ESCP Europe's partnerships with leading companies ensure the link between in-class theory and the reality of the business world.

EXAMPLES OF COMPANIES OFFERING INTERNSHIPS TO OUR MASTER STUDENTS

AUTOMOTIVE:

BMW, Daimler, Fiat, Ford, Renault, Volkswagen

BANKING & FINANCE:

ABN Amro, Absolute Energy Capital, AXA, BNP Paribas, Central European Bank, Cornerstone Global Commodities, Crédit Agricole Corporate and Investment Bank, CSFB, Deutsche Bank, GDF Suez Trading, Goldman Sachs, HSBC, ING, JP Morgan, Natixis, Renaissance Capital, Société Générale, Santander, UBS

CONSULTING:

3H Partners, Accenture, AT Kearney, Bain & Company, Boston Consulting Group, Capgemini, Deloitte, Ernst & Young, H&L Business Consulting, KPMG, Lexington Consulting, McKinsey & Company, PriceWaterhouseCoopers, Roland Berger, Schulumberger Business Consulting,

COSMETICS & LUXURY BRANDS:

Beiersdorf, Bvlgari, Estée Lauder, Hermès, Inditex-Zara, L'Oréal, LVMH, Cartier

E-COMMERCE & IT:

IBM, Intel, Movistar-Telefónica, Schlumberger, T-Mobile, Orange, AOL, Google, Apple, Oracle

ELECTRICS & ENGINEERING:

ArcelorMittal, Bosch, EADS, General Electric, Siemens, Schneider Electric

ENERGY, CHEMICALS & SHIPPING:

BP, CC Energy Development, Cognis, Energy Stream CMG, Henkel, Shell, Repsol YPF, Total, E.ON, Engie, EDF Trading, EDF Energy, Acer, Perenco, Curzon Maritime Limited, Tala Energy, SBM Offshore, US Capital Energy, China Southern Power Grid, Kpler SAS, ICE Futures, Midsummer Energy Ltd, Wood Mackenzie, Lukoil Bulgaria, Uniper

FOOD & BEVERAGE:

Danone, Ferrero, Krast, Lavazza, Martini & Rossi

MARKETING & COMMUNICATION:

Nielsen, Addison Corporate, Emap Communications, GTI Specialist Publishers, IMG Artists, Saatchi & Saatchi, The Media Trust, Universal McCann

NGOS & THINK TANKS:

Oxfam, Medecinsdu Monde, Chatham House, International Energy Agency (IEA), Organization for Economic Cooperation and Development (OECD), United Nations

PHARMACEUTICALS & HEALTHCARE:

Glaxo Smith Kline, Pfizer, Siemens Medical Solutions

THE ESCP EUROPE CAREERS SERVICE

The Careers Service teams on our various campuses provide assistance with internship offers, as well as a comprehensive portfolio of personalised careers advice, CV clinics, and help with interview techniques. Throughout the year, the local Careers Services invite companies and recruiters to meet Master programme students for presentations and interviews. These events are a great opportunity to establish important contacts, talk to professionals and to discuss career opportunities.



“The Careers Service at the London Campus looks forward to welcoming students attending the MSc in Energy Management programme. We offer an extended portfolio of services, individually tailored to students' needs, in order to enable them set their career objectives and fulfil their goals.

The MSc in Energy Management is unique in its rigorous nature, as it aims to develop students' knowledge of energy technologies, industries and markets. The diversity in students' educational and professional backgrounds, as well as their international profile, makes them the perfect candidates for any work environment with a multicultural mindset - something which makes them attractive to all the employers with whom we work closely from a variety of sectors and industries.”

Maria A. Tsianti
Senior Manager of the Careers Service at the London Campus



STUDENT LIFE AND ASSOCIATIONS

STUDENT UNION

Elected by the students, the Student Union plays an important role in the interface between the student body and the administration on the different campuses. It provides a discussion forum and proposes ideas on a wide range of topics concerning student life. The Student Union also organises social events which encourage networking amongst different year groups and nationalities.

CALL ON' U

A cross-campus organisation which prepares its yearly participation at the NMUN in New York City. Around 4,000 students from top universities worldwide embody diplomats and represent their country in various UN committees such as the Security Council or UNICEF. Members gain a unique experience in the spirit of European and international diplomatic relations

SPORTS CLUBS AND ACTIVITIES

Sports activities have a long tradition at ESCP Europe, and the Paris campus alone offers around 30 different disciplines. The Turin campus organises the annual Regatta and Ski Event, bringing together both students and alumni.



A strong sense of school spirit and community is a defining characteristic of ESCP Europe. Involvement in extra-curricular activities and student associations is strongly encouraged; we consider it an essential part of personal well-being and professional development.

Student life on each of the campuses is shaped by the initiatives and activities offered by some 50 clubs and associations which organise networking, artistic and cultural events, political discussions, sports tournaments, social events, humanitarian activities, etc.



THE ESCP EUROPE ENTREPRENEURSHIP FESTIVAL

Each year, ESCP Europe and the Smart-Up society honours Jean-Baptiste Say, the co-founder of ESCP Europe Business School. The vision is to unite students, entrepreneurs, investors and potential customers, allowing them to exchange ideas and learn from each other. The event is a unique opportunity for students to present their innovative ideas to potential stakeholders and gain first-hand feedback and support for project development.



THE ESCP EUROPE SKI EVENT

The ESCP Europe Ski Event is an annual event organised by an international team of students, where networking, sport and fun merge together in a unique atmosphere. Students from all six ESCP Europe campuses attend the event, together with alumni and representatives from top international companies. The structure, concept and objective of the event is similar to that of the Regatta: to enhance networking between students, companies and alumni, and to deliver to firms the opportunity of recruiting students from one of the best business schools in the world. The ESCP Europe Ski Event represents a unique opportunity to fully exploit the potential of an international school, and to foster both fun and education. We believe that the ESCP Europe spirit combined with passion for sport makes this event unforgettable.



THE LONDON CAMPUS ANNUAL GALA

Each year, the students, staff, faculty, alumni and friends of ESCP Europe come together in London to celebrate the School's achievements over the past 12 months. The Annual Gala takes place at a different high profile location each year, with guests enjoying a champagne reception followed by a three-course meal, music provided by talented ESCP Europe students, a charity prize draw, and a party that carries on all night. The Annual Gala is the highlight of the London campus' social calendar. We look forward to celebrating ESCP Europe with you at the next one!



THE ESCP EUROPE REGATTA: STUDENTS AND ALUMNI SAIL TOGETHER

The ESCP Europe Regatta symbolises what ESCP Europe is all about. Once a year, students from all six campuses, as well as members of staff, faculty and alumni, gather in Italy for a weekend at sea. The event is a unique opportunity to fully exploit the potential of a multi-campus school and to strengthen and broaden the group spirit key to the ESCP Europe community. The ESCP Europe Regatta has become a landmark in the School's sporting, networking and social calendar. Working in teams to take first place, the event allows for excellent group bonding and the continued development of team-building skills.



ALUMNI ASSOCIATION & NETWORK



Boasting 49,000 graduates in more than 150 countries, the alumni network plays an important role in promoting the School, whilst also maintaining a commitment to building ties and a sense of community amongst all ESCP Europe graduates.

BECOMING PART OF A DYNAMIC GLOBAL COMMUNITY

ESCP EUROPE ALUMNI ASSOCIATION

The purpose of the ESCP Europe Alumni Association is to unite and organise this community. With 700 delegate alumni representatives and 13 full-time staff, it assists students throughout their studies and into their first job. The Alumni Association then provides resources to graduates for life-long professional and personal development.

The Association offers the following services:

- An alumni mentor for each student during his or her studies
- Career development workshops (interviews, resume writing, etc.)
- Over 30,000 job offers each year
- A directory available online and in paper form
- Groups organised by geographic area, professional sector, etc.
- Professional interest groups that organise events and conferences on industry-specific issues

Join our community and live the ESCP Europe experience!

-  www.escpeurope.eu/mem
-  twitter.com/escpeurope
-  facebook.com/MEMescpeurope
-  youtube.com/escpeurope
-  linkedin.com/company/escp-europe



MSc IN ENERGY MANAGEMENT

BERLIN

Heubnerweg 8 – 10
14059 Berlin, Deutschland
T: + 49 30 32007 0



LONDON

527 Finchley Road
London NW3 7BG, United Kingdom
T: + 44 20 7443 8800



MADRID

Arroyofresno 1
28 035 Madrid, España
T: + 34 91 386 25 11



PARIS

79, av. de la République
75543 Paris Cedex 11, France
T: + 33 1 49 23 20 00



TURIN

Corso Unione Sovietica, 218 bis
10134 Torino, Italia
T: + 39 011 670 58 94



WARSAW

c/o Kozminski University
International Relation Office
57/59 Jagiellońska St., 03-301 Warsaw, Poland
T: + 48 22 519 22 89

