SPARK - Competitiveness & Innovation in Energy Transition

1ª Edição | 2026

Bloco	Módulo	Docente	Formato	Mês	Dia	Dia Semana	Horário
The Global Energy & Critical Materials Landscape	Competitiveness & Energy Systems	Francisco Barreiros	presencial	outubro	6	3ª feira	17h30 - 19h00
	Oil & Gas in Transition	João Diogo Marques da Silva + Ângelo Ramalho					19h30 - 21h00
	Electricity & Power Systems – Transforming the Power Mix	Miguel Fonseca + António Vidigal + José Roque			8	5ª feira	17h30 - 19h00
	Resourcing the Energy Transition - Critical Materials & Circularity	Teresa Abecassis + José Castello Branco + Manuel de Sousa Martins					19h30 - 21h00
Unlocking Business Opportunities in the Energy & Materials Transition	AI as Venture Catalyst	Cláudia Antunes Marante			13	3ª feira	17h30 - 19h00
	Competing Smarter with Adaptive Business Models & Applied AI	Cláudia Antunes Marante + Nuno Frazão					19h30 - 21h00
	Group Assignment Pitch 1 (Value Proposition + Customer Segments + Key Activities)	Cláudia Antunes Marante + Sílvia Taveira de Almeida			15	5ª feira	17h30 - 19h00
	Transforming the Firm: Advanced Business Models, Go-To-Market, and Hyperscaling	Sílvia Taveira de Almeida + Afonso Salema					19h30 - 21h00
Strategic Approaches to Energy & Materials Transition Challenges	Competitively Decarbonising End-User Sectors: Mobility	Sílvia Barata + Miguel Fonseca + Helena França			20	3ª feira	17h30 - 19h00
	Competitively Decarbonizing End-User Sectors: Hard-to-Abate Industries	Carlos Correia de Barros + David Lopes + Catarina Honório					19h30 - 21h00
	Competitively Decarbonizing End-User Sectors: Consumer & Agro- and Forest-Based Industrial Sectors	Nuno Santos + Manuel Nobre Gonçalves + Maria Estarreja			22	5ª feira	17h30 - 19h00
	Competitively Decarbonizing End-User Sectors: Circular Business Models - Fashion & Packaging	Filipe de Botton + Miguel de Paiva Gomes + Ricardo Martins da Silva + Vera Herédia Colaço					19h30 - 21h00
	Competitively Decarbonizing End-User Sectors: Energy, Water, and Waste Services as Enablers of Ecological Transformation	Sandra Silva + António Carmona Rodrigues + João Schmidt			27	3ª feira	17h30 - 19h00
	Competitively Decarbonizing End-User Sectors: Hospitality & Health - From Construction to Hospital Operations	Hugo Pereira + Vasco Antunes Pereira + Filipe Serzedelo de Almeida					19h30 - 21h00
Markets, Competitiveness & Power Politics	Non-Market Strategies and Competitiveness	Peter Rajsingh			29	5ª feira	17h30 - 19h00
	Regulation & Policy Frameworks as Innovation Drivers	Paula Abreu Marques + Assunção Cristas + António Coutinho + Francisco Mendes Palma					19h30 - 21h00
Grand Strategy in a World of Geopolitics, Finance & Power	Grand Strategies and Geopolitical Dynamics	António Costa Silva + Miguel Monjardino + Sofia Horta e Costa		novembro	3	3ª feira	17h30 - 19h00
	Just Energy Transition	Peter Rajsingh + Nelson Laje + Vasco Santos Nunes					19h30 - 21h00
	Finance, Project Finance, Investment Decision, ESG Impact	António Baldaque da Silva + Bernardo Goarmon			5	5ª feira	17h30 - 19h00
	Boardroom Box Match: Power Politics	Rhett Weiss					19h30 - 21h00
From Vision to Impact: Capstone, Leadership and Future Pathways	Group Assignment Capstone Final Pitch	Cláudia Antunes Marante + Sílvia Taveira de Almeida			10	3ª feira	17h30 - 19h00
							19h30 - 21h00
	Innovation at Every Scale: Transformational Leadership Roadmap & SPARK into Action	Carlos Moedas + Isabel Moisés			12	5ª feira	**17h00 - 18h30**
	Fireside CEO Chat and Graduation Networking Ceremony	António Mexia					**18h30 - 20h00**
SPARK CLOSING EVENT	Signature Dinner & Closing Toast: Wine Tasting Masterclass by Frederico Vilar Gomes	Francisco Barreiros					21h00
Encerramento e entrega de diplomas				**janeiro**		**5ª feira**	**a partir das 18h00**

Duração Total	**36 horas**

DIREÇÃO DE PROGRAMA



Francisco Barreiros

With over 20 years of executive leadership across the Energy, Mobility, and Technology sectors, Francisco specialises in strategic transformation, operational excellence, and sustainability-driven innovation. His work focuses on addressing complex systemic challenges through interdisciplinary collaboration, stakeholder alignment, and data-driven decision-making, consistently delivering measurable impact in operational efficiency, cost optimisation, technological integration, and long-term sustainable value creation.

He has founded initiatives that promote sustainability in the wine and hospitality sectors. He has completed executive programs at MIT, INSEAD, Católica-Lisbon SBE, and EIT, and holds an Executive Master's in Sustainable Energy Systems (MIT Portugal), a Master's from the London School of Economics, and a Bachelor's in Economics from Católica-Lisbon SBE. He is currently pursuing a Dual Ph.D. in Integral Ecology at the Universidade Católica Portuguesa and Circular Economy - focusing on Circular Business Models - at the University of Trieste (UniTS). His research examines how multinational enterprises can develop integral development routines to navigate persistent tensions across performance dimensions for competitive advantage.