



ORDEM
DOS
ENGENHEIROS



WORLD
ENGINEERING
DAY



Com o Alto Patrocínio
de Sua Excelência
Under the High Patronage of the
President of the Portuguese Republic



O Presidente da República

Lisbon
March 4th 2024



Engineering Solutions for a Sustainable World

Ordem dos Engenheiros' Headquarters

UNESCO WFEO World Engineering Day 2024

Lisbon, March 4th 2024

Agenda



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Engineering Solutions for a Sustainable World

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March 3rd

19h

WED Welcome drink

Local: Ordem dos Engenheiros' Headquarters, Lisboa

March 4th | “Engineering Solutions for a Sustainable World” Ordem dos Engenheiros' Headquarters

8:30 | Registration

10:00-10:45 | Opening Ceremony

Eng. Mustafa Shehu, WFEO President, Nigeria

Prof. José Vieira, WFEO Immediate Past President, Portugal

Eng. Seng Chuan Tan, WFEO President-Elect, Singapore

Eng. Fernando Almeida Santos, President of Ordem dos Engenheiros, Portugal

Dr. Selvaraju Ramasamy, Natural Resources Officer of FAO, Rome, Italy (tbc)

Dr. Lidia Brito, Assistant Director General for Natural Sciences of UNESCO, Paris, France

Eng. Carlos Moedas, Mayor of Lisbon, Former European Commissioner for Research, Science and Innovation, Portugal

Prof. Marcelo Rebelo de Sousa, President of the Republic of Portugal (tbc)

10:45-11:15 | Engineering for Sustainable Development

Prof. Sebastião Feyo de Azevedo, President of the Portuguese Academy of Engineering, Portugal

11:15 -11:45 | Break

11:45-12:00 | Global Engineering Capability Review (GECR) 2024

Eng. Shane McHugh and Eng. Wahid Aziz, Royal Academy of Engineering, United Kingdom

12:00-12:25 | Hackathon Awards Ceremony

Dr. Marlene Kanga, WFEO Past President, Australia

12:25-12:30 | Closing Ceremony

Prof. José Vieira, WFEO Immediate Past President, Portugal

12:30 – 14:00 | Lunch

Contacts

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Engineering Solutions for a Sustainable World

March 4th | Conference “Energy Transition and Sustainability” Ordem dos Engenheiros' Headquarters

14:00 | Registration

14:30-14:45 | Opening remarks

Eng. Mustafa Shehu, WFEO President, Nigeria
Prof. José Vieira, WFEO Immediate Past President, Portugal

14:45-15:00 | The Role of the Engineers in the Energy Transition

Prof. Gong Ke, WFEO Past President, China

15:00-15:20 | Portugal and the Energy Transition: Some Vital Strategic Questions

Prof. Clemente Pedro Nunes, Professor IST, Portugal

15:20-15:40 | The Economic Sustainability of the Energy Transition

Eng. Luís Mira Amaral, Former Portuguese Minister of Industry and Energy, Portugal

15:40-16:00 | Enabling the Energy Transition: Infrastructure Requirements and Impacts on Economic Development. A case study from Sydney Australia

Dr. Marlene Kanga, WFEO Past President, Non-Executive Director Endeavour Energy, Australia

16:00-16:30 | Break

16:30-16:50 | The challenges of renewable energy for sustainable agriculture regarding the SDGs of the 2030 Agenda

Eng. Ania López, WFEO Executive Vice-President, Consiglio Nazionale degli Ingegneri, Italy

16:50-17:10 | The Future of Nuclear Energy in Europe

Eng. Pedro Sampaio Nunes, Former Portuguese Secretary of State of Energy, Portugal

17:10-17:30 | A Just Transition to Sustainable Energy and a Net-Zero Future in Emerging Markets: The Case of Africa

Eng. Martin Manuhwa, WFEO Committee in Engineering Capacity Building Chair and ZAIDG Consulting Engineers MD, Zimbabwe

17:30-17:50 | The Reinforcement of the Energy Interconnections and the Optimization of the Energy Markets in Europe

Eng. Marie-Line Vaiani, Secretary General, Conseil Français de l'Énergie, France

17:50-18:00 | Closing Remarks

Eng. Seng Chuan Tan, WFEO President-Elect, Singapore

20:00 | WED 2024 Gala Dinner Palácio da Rocha do Conde d'Óbidos

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