



### *Unleashing the Power of Engineers to Advance the SDGs*

**Time:** 9:30 a.m. to 5:05 p.m. (CET) **Languages:** English and French  
**Format:** Onsite – [Please click here to register](#)  
 Live-Stream – [Please click here to watch](#)

#### Provisional Agenda

09:30 – 09:35	Master of Ceremonies: <b>Dr Nahla Al Qassimi</b> , Assistant Professor, Ajman University.
<b>Opening Session</b>	
<i>The opening session will set the tone for the World Engineering Day for Sustainable Development by emphasizing the pivotal role of engineers in crafting a sustainable future. Leaders and experts will underscore the global significance of engineering and the power of international collaboration in advancing the SDGs.</i>	
09:35 – 09:40	Welcome Remarks by <b>Dr Lidia Brito</b> , Assistant Director-General for Natural Sciences, UNESCO.
09:40 – 09:45	Opening Remarks by <b>Dr Airlangga Hartarto</b> , Coordinating Minister of Economic Affairs, Indonesia.
09:45 – 09:50	Opening Remarks by <b>Mr Mustafa Shehu</b> , President, World Federation of Engineering Organisations (WFEO).
09:50 – 10:20	Keynote by <b>Prof. Emanuela Colombo</b> , Professor, Politecnico di Milano.

10:20 – 10:50	<b>Coffee Break</b>
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**High-level Segment: Innovative Engineering: Shaping Policies for a Sustainable Future**  
 Explore the critical role of engineering in shaping effective and sustainable policies.

*This session will feature discussions on the integration of cutting-edge technologies and engineering solutions into policy-making to address global challenges to advance the SDGs, in particular greening the economy, and build safer and more inclusive communities.*



10:50 – 11:40	<p>Moderated by <b>Prof. José Vieira</b>, <i>Immediate Past President, WFEO.</i></p> <ul style="list-style-type: none"> <li>-<b>Prof. Tshilidzi Marwala</b>, Rector, <i>United Nations University. (Video Message)</i></li> <li>-<b>Dr Airlangga Hartarto</b>, <i>Coordinating Minister of Economic Affairs, Indonesia.</i></li> <li>-<b>H.E. Ms Blanca Elena Jiménez Cisneros</b>, <i>Ambassador of Mexico to France.</i></li> <li>-<b>Prof. Kathleen Kramer</b>, <i>President, Institute of Electrical and Electronics Engineers.</i></li> </ul>
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### Hackathon Winners Announcement

*Join us as we celebrate the innovative solutions developed during the World Engineering Day for Sustainable Development Hackathon.*

*This session will announce the winners who have presented solutions to real-world challenges related to poverty, showcasing their contributions to advancing the SDGs through engineering ingenuity and collaboration.*

11:40 – 12:10	Announcement of the WED Hackathon results by <b>Dr Marlene Kanga</b> , <i>Past President, WFEO.</i>
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12:10 – 13:55	<b>Lunch Break</b>
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### Panel Discussion on Empowering Africa: Digital Transformation and Capacity Building

*Explore the transformative power of digital technologies in Africa.*

*This session will highlight strategies for building local capacities and fostering sustainable development through engineering innovation and international cooperation aligning with the International Decade of Sciences for Sustainable Development (IDSSD).*

13:55 – 14:35	<p>Moderated by <b>Ms Ania Lopez</b>, <i>Executive Vice-president, WFEO.</i></p> <ul style="list-style-type: none"> <li>-<b>Mr Martin Manuhwa</b>, <i>Managing Consultant, Zimbabwe Africa Infrastructure Development Group (ZAIDG)/Chair, WFEO Engineering Capacity Building Committee.</i></li> <li>-<b>Prof. Dorothy Okello</b>, <i>Dean, School of Engineering, Design, Art and Technology (CEDAT), Makerere University.</i></li> <li>-<b>Prof. Gong Ke</b>, <i>Past President, WFEO, Head of Task Force on Africa Strategic Project.</i></li> <li>-<b>Dr K. N. Gunalan</b>, <i>President, Atlas Initiative for Climate Resilient Infrastructure.</i></li> </ul>
14:35 - 14:45	Q&A

### Fireside chat on Breaking Barriers: Inspiring Stories and Overcoming Challenges by Women in Engineering

*Join pioneering women engineers as they share their inspiring journeys, challenges, and triumphs in breaking barriers.*

*This session will celebrate their contributions to the SDGs and emphasize the importance of diversity and inclusion in engineering.*

14:45 – 15:25	<p><b>Ms Rania Sabo</b>, <i>Associate Programme Specialist, UNESCO.</i></p> <ul style="list-style-type: none"> <li>-<b>Dr Syuhaida Binti Ismail</b>, <i>Associate Professor, University Technology of Malaysia.</i></li> <li>-<b>Dr Enyonam Kpekpena</b>, <i>Chair, WFEO Women in Engineering Committee.</i></li> </ul>
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	- <b>Ms Jéssica Albuquerque</b> , <i>PhD researcher, Paris Cité University.</i> - <b>Ms Elisabeth Sampaolo</b> , <i>EMEA Commercial Director, Pandrol.</i>
15:25 - 15:35	Q&A

15:35 – 16:05	<b>Coffee Break</b>
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<b>Panel on Powering Progress: Sustainable Solutions for Energy and Infrastructure</b> <i>Delve into innovative and sustainable engineering solutions that drive progress in energy and infrastructure.</i>  <i>Experts will discuss how these advancements are crucial for achieving the SDGs and the role of global collaboration in powering a sustainable future.</i>	
16:05 – 16:45	Moderated by <b>Mr Ari Herrera</b> , <i>President, Pan-American Federation of Engineering Societies (UPADI).</i>  - <b>Ms Marie-Line Vaiani</b> , <i>Secretary General, French Energy Council.</i> - <b>Dr He Jing</b> , <i>Deputy Chief Architect, China Institute of Building Standard Design and Research.</i> - <b>Dr Maryse Nkoua</b> , <i>Executive Director, Centre d'Excellence d'Oyo pour les Energies Renouvelables et l'Efficacité Energétique (CEO).</i> - <b>Ms Sylvia Yammine</b> <i>CEO, Architect and Urban Planner, SY ARCHITECTS.</i>
16:45 – 16:55	Q&A

<b>Closing Session</b> <i>Celebrate the conclusion of the event by reflecting on the insights and achievements gained. Final remarks will highlight the global significance of engineering advancements, essential for driving sustainable development through innovation and collaboration.</i>	
16:55 – 17:00	Reflections of the day, <b>Mr Seng Chuan Tan</b> , <i>President-elect, WFEO.</i>
17:00 – 17:05	Closing Address, <b>Mr Shaofeng Hu</b> , <i>Director of the Division of Science Policy and Basic Sciences, UNESCO.</i>

<b>End of Day</b>	
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[For further information about the World Engineering Day for Sustainable Development click here.](#)

