

Assisting the engineering profession in delivering SDGs - the work of WFEO and the developing legacy of the Global Engineering Congress

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The presentation will highlight the extensive work of the Committee on Engineering and Environment of WFEO, the World Federation of Engineering Organisations (WFEO-CEE), and on the developing Legacy of the Global Engineering Congress (GEC), in assisting engineering professionals with the challenges of providing their contribution to delivery of the UN Sustainable Development Goals. It is widely acknowledged that the engineering and related professions and industries have very significant roles to play in delivering those goals, yet practising engineers continue to call for supporting information and exemplars, to provide guidance on how engineering practice needs and could change to make such Goal delivery possible.

The presentation will review selected outputs from WFEO-CEE's main theme areas, and especially on Climate Change Mitigation, Climate Change Adaptation and Sustainable Practices for Engineers.

It will also highlight examples from the week-long Global Engineering Congress (GEC) and its follow-up. This major event, with more than 2500 people attending from more than 80 countries, was held at the Institution of Civil Engineers in October 2018. It was the culmination of ICE200, the celebrations of the 200th anniversary of ICE's formation, and was a flagship part of the 50th anniversary celebrations of the founding of WFEO at the ICE.

Finally, the presentation will highlight the GEC's two themes – sharing ideas and experience of how to address the UN Sustainable Development Goals, *and* delivering a legacy of *action* that transforms the way engineers interact and act upon sustainable development. The mission is not just such a transformation but also to enable engineers to measure their project delivery impact against SDGs, so that, by 2025, engineers are consistently measuring and reporting on their SDG impact and contributing to delivering the goals at a project, national and global scale.