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WFEO / FMOI

50 YEARS

22-26 OCTOBER 2018
LONDON

G E C

GLOBAL ENGINEERING CONGRESS

ice.org.uk/congress

Become part of the discussion

In association with



European Council
of
Civil Engineers

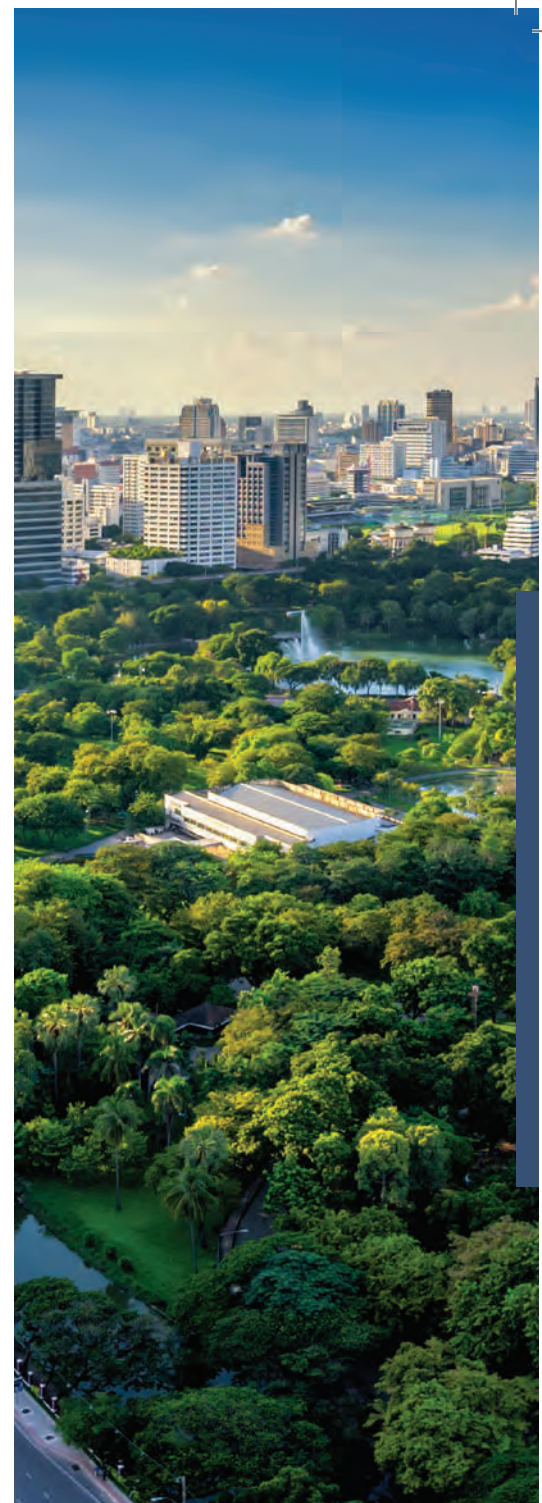


Commonwealth
Engineers' Council



WHAT

The Congress will be a unique gathering of global engineers, national and international policy makers, asset owners and experts from across the built environment. Using the combined platforms of the Institution of Civil Engineers and the World Federation of Engineering Organisations, it is an unmissable opportunity to learn from international peers, forge connections and contribute to a plan that tackles the big challenges facing the world.



SUSTAINABLE DEVELOPMENT GOALS

5 DAYS OF ENGAGEMENT AND INTERACTION

The GEC is an ambitious effort to unite the global engineering community, to agree and mobilise a response to five of the United Nations Sustainable Development Goals identified as key areas where engineering can lead:



“Saving our planet, lifting people out of poverty, advancing economic growth... these are one and the same fight. We must connect the dots between climate change, water scarcity, energy shortages, global health, food security and women’s empowerment. Solutions to one problem must be solutions for all.”

Former UN Secretary-General
Ban-Ki Moon



THE CONGRESS

5 DAY CONFERENCE

90 HOURS OF CONTENT

100+ GLOBAL SPEAKERS

2000+ GLOBAL DELEGATES

150 COUNTRIES REPRESENTED

20+ GLOBAL ENGINEERING INSTITUTIONS



Roundtable discussions and workshop programme



Exhibition, networking and governmental engagement programme



Exclusive black tie and gala dinners



Post congress 3 year road map to embed UN SDGs within engineering



WHY ATTEND

- Gain understanding of global challenges and blockers
- Learn how climate resilience will be incentivised and delivered
- Plan for short, medium and long term changes affecting your career and the profession
- Contribute to agreement on actions the community must take
- Network with experts from engineering, Government and the worldwide built environment
- Demonstrate your expertise on an international stage
- Play your part in realising global ambitions



PROGRAMME

The programme will put real-world problems to delegates, challenging them to work together through diverse approaches to agree creative solutions.

All lessons and outcomes from the Congress will be widely and freely available to assist with planning and engineering projects around the world.

DAY	THEME	OBJECTIVE
1	<p>Role of engineering in progressing the UN SDGs</p> <p>Launching the Congress, day one will feature a VIP address from UK Government, offer global perspectives and in a programme curated by the WFEO executive leadership, explore the scale of change possible via a coordinated, global engineering plan</p>	<p>Agree parameters for change</p>
2	<p>Challenges, opportunities and solutions</p> <p>Day two will begin examining factors that have stalled progress against the SDGs to date, highlight regulatory and technical changes that offer new hope, and explore what is needed to move to forward</p>	<p>Define ways to enable the changes we need</p>
3	<p>Building sustainable economies and resilient communities</p> <p>Day three delves into how climate resilience can be incentivised, funded and built into all stages of decision making - creating cleaner cities and services</p>	<p>Clarity on methods, requirements and outcomes</p>
4	<p>Engineering and its societal impact</p> <p>Using case studies and research, day four offers guidance and information on how engineers can use new technologies to deliver economically feasible and socially equitable projects</p>	<p>Quantifying social value and how to exploit emerging technologies</p>
5	<p>Driving change – investment, education and governance</p> <p>The Congress will close by exploring the important links between engineering, education, governance and finance in a rapidly developing world, providing tools for engineers to focus their work on delivering the goals</p>	<p>Vision for a balanced system that improves lives and offers economic growth</p>

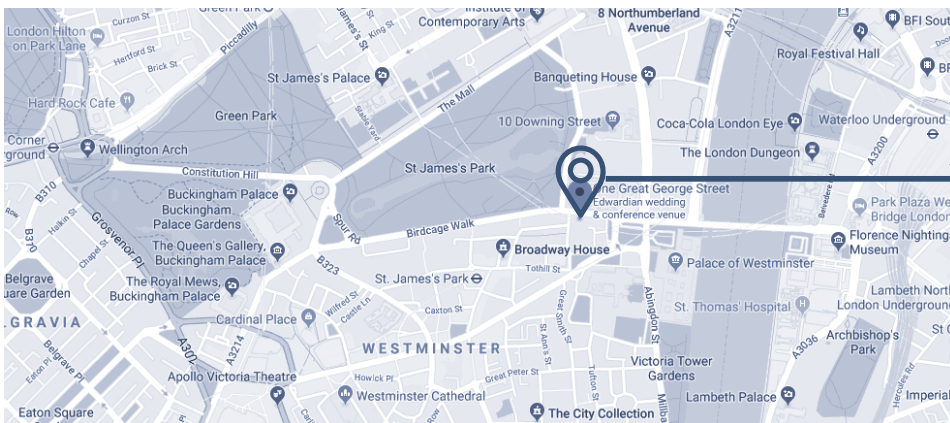
For the most up-to-date version of the programme, please visit ice.org.uk/congress.

THE VENUE

The five day conference will take place at the home of the Institution of Civil Engineers, One Great George Street in central London.

The Grade II listed building was named 'The World's Most Prestigious Conference Venue' in 2015, beating competition from the likes of the Savoy and the Burj Al Arab.

**Institution of Civil Engineers
One Great George Street
London SW1P 3AA
United Kingdom**



SPEAKERS INCLUDE



HARTWIG SCHAEFER
Vice President,
Global Themes
World Bank



**DR. SANIYE GULSER
CORAT**
Head of the Division for
Gender Equality
UNESCO



MICHELLE BLOM
Director General
Ministry of Infrastructure
and the Environment - The
Netherlands



**PROF. LORD ROBERT
MAIR**
President
Institution of Civil Engineers



GUNA GUNALAN
Vice President
AECOM



SUSAN TIGHE
President
Canadian Society of Civil
Engineers



DAME ANN DOWLING
President
Royal Academy of
Engineering



CAROL HADDOCK,
Director
Houston Public Works



HAKAN TROPP
Head of Water Governance
Programme
OECD



CATHERINE YANG,
Corporate Vice President
Artificial Intelligence
Commercialization
Baidu



**DANIELLE GAILLARD
PICHER**
Director of Policy and
Programmes
World Water Council



KRISTIAN RUBY
Secretary General
Eurelectric



**SUSAN FREEMAN-
GREENE**
CEO
Engineering New Zealand



**VIKTOR MAYER
SCHONBERGER**
Professor of Internet
Governance and Regulation
University of Oxford



CHRIS LIBAN
Executive Officer
Environmental Compliance
and Sustainability
LA Metro



HOW TO REGISTER

Led by the World Federation of Engineering Organisations and hosted by ICE at its Headquarters in Westminster, the GEC is an unmissable week of discussion and action aimed at the engineering community.

Book online at

ice.org.uk/congress



Information for delegates to book accommodation or make travel arrangements into London is also available online.

DELEGATE PACKAGES

1 DAY

£150

+ vat

3 DAYS

£375

+ vat

5 DAYS

£500

+ vat

Contact:

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