

**Euro-CASE 2021 Annual Summit – Draft outline agenda**

<b>Thursday 25 Nov</b>	
10.00-10.10	<p><b>Welcome - Engineering to build back better</b></p> <p>RAEng <b>Sir Jim McDonald FEng FRSE, RAEng President – pre-record</b></p> <p>Euro-CASE <b>Tuula Teeri, Euro-CASE President</b></p>
10.10-11.15	<p><b>Session 1 – Engineering for net zero</b> <i>Sustainability and net zero goals must be at the heart of future recovery and growth across Europe. Building on the outputs from COP 26, this session will explore the role policymakers and society need engineers to play to deliver net zero targets.</i></p> <p><b>Keynote 1</b> <b>Professor Paul Monks</b>, Chief Scientific Adviser, UK Department for Business, Energy and Industrial Strategy</p> <p><b>Panel discussion</b> <b>Professor Becky Lunn MBE FEng FRSE</b>, University of Strathclyde, RAEng net zero working group member <b>Professor Peter Lund</b>, Aalto University, SAPEA energy report co-chair <b>Professor Christoph Schmidt</b>, RWI Essen, SAPEA energy report co-chair <b>Yves Bamberger</b>, Fellow NATF and Chair of the CAETS Energy Committee</p>
11.15 – 11.25	<b>Comfort break</b>
11.25-12.10	<p><b>Session 1 cont'd – Engineering for net zero</b></p> <p><b>Deep dive panel – Engineering for net zero in the built environment</b> <b>Professor Brian Norton</b>, Technological University of Dublin, EASAC decarbonisation of buildings report chair <b>Dr Maher Chebbo</b>, Board member, Accentia.ai <b>Professor Lieve Helsen</b>, KU Leuven</p>
<b>LUNCH</b>	
1.45-2.20	<p><b>Session 2 – Engineering a resilient future</b> <i>Covid-19 has highlighted the complexity and interplay between the challenges we face, from health to the economy, and climate change to social issues. The systems, infrastructure, and technology we build must be not just sustainable but also resilient to all these challenges. This session will explore what a resilient sustainable future looks like and how engineers can help deliver this.</i></p> <p><b>Opening presentations:</b></p>

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	<p><b>Professor Roger Kemp MBE FEng</b>, RAEng Safer Complex Systems advisory board chair  <b>Anne-Marie Eklund Löwinder</b>, Swedish Academy of Engineering  <b>Carsten Orth Gaarn-Larsen</b>, Senior Vice President, Technical University of Denmark</p>
2.20-2.30	<b>Comfort break</b>
2.30-3.15	<p><b>Session 2 cont'd</b></p> <p><b>Panel discussion</b>  Above speakers +  <b>Dr Long Seng To</b>, RAEng Engineering for Development Research Fellow, Loughborough University</p>
3.15	<b>Close</b>
5.00-6.00	<b>Online evening networking</b>

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Friday 26 Nov	
10.00-11.55	<p><b>Session 3 – Engineering an inclusive future</b>  <i>This session will explore engineering’s contribution to delivering inclusive growth and a just transition across Europe, taking into account the need for sustainable and resilient economies discussed on day 1.</i></p> <p><b>Welcome and introduction to session 3</b>  <b>Dr Hayaatun Sillem CBE</b></p> <p><b>Keynote 2</b>  <b>Professor Nebojsa Nakicenovic</b>, Deputy Chair Chief Scientific Advisors to the European Commission</p> <p><b>Opening presentations</b>  <b>Dr Nuria Oliver</b> – Towards socially sustainable AI, Royal Academy of Engineering of Spain  <b>Professor John Hassler</b>, Stockholm University  <b>Professor Nick Pidgeon</b>, Cardiff University</p> <p><b>Breakout discussion session</b>            Young engineers to lead breakout groups.</p>
11.55	<b>Sum up and close</b>
13.00	<b>Euro-CASE Board meeting</b>