

IMPACT Aviation Stocktake Forum, London

Dec 2nd & 3rd, 2024

AGENDA

Day 1 – open to the public (by invitation only)

MORNING SESSION		
9:00 – 9:25	Welcome and keynote speech: The need for industrial and policy action	Welcome by John Rooley, <i>CET WTW Aviation</i> Jim Spaeth, <i>U.S. Department of Energy</i> Keynote (video) Annie Petsonk, <i>Assistant Secretary – U.S. Department for Transport</i>
9:25 – 9:45	The emissions challenge <i>The scientific evidence on trends in traffic, energy use, alternative fuel use, CO2 emissions, non-CO2 impact, policy interventions, sector investments</i>	Prof. Andreas Schäfer, <i>University College London</i>
9:45 – 10:00	Effects of aviation on clouds and climate <i>Contrail formation and avoidance, potential solutions</i>	Prof. Piers Forster, <i>University of Leeds</i>
10:00 – 10:10	Q&A	
10:10 – 11:10	Technological and operational strategies <i>Reduction mechanisms, elimination mechanisms, defragmentation of airspace, efficient flight planning, digitalization, contrail avoidance, investment needs showstoppers</i>	Setting the scene by science: Prof. Mirko Hornung, <i>Bauhaus Luftfahrt/ TUM Munich</i>
	Expert round <i>Reflections & action plans by industry leaders</i>	Moderated by Prof. Rob Miller, <i>University of Cambridge</i> Representatives of JP Clarke, <i>University of Texas</i> David Debney, <i>Aerospace Technology Institute</i> Hemant Mistry, <i>IATA</i> Basil Gyga, <i>Embraer</i>
11:10 – 11:20	Q&A	
11:20 – 11:40	Coffee break	

11:40 – 12:40	Aviation energy transition <i>Scale-up of net-zero carbon synthetic fuels and carbon capture technologies, LH2: Airport infrastructure implementation challenges—the knowns and the unknowns, investment needs, showstoppers</i>	Setting the scene by science: Prof. Steven Barrett, <i>University of Cambridge</i>
	Expert round <i>Reflections & action plans by industry leaders</i>	Moderated by Dan Rutherford, <i>ICCT</i> Matt Prescott, <i>London Heathrow Airport</i> Laurent Müller, <i>Climeworks</i> JP Clarke, <i>University of Texas, Universal Hydrogen</i> Marcella Franchi, <i>Haffner Energy</i>
12:40 – 12:50	Q&A	
12:50 – 14:15	Lunch	
AFTERNOON SESSION		
14:15 – 15:15	Policies and governance <i>Market-based and regulatory measures to accelerate the decoupling of emissions from capacity growth, distribution of transition costs, governance mechanisms and monitoring</i>	Setting the scene by science: Prof. David Victor, <i>University of California San Diego</i>
	Expert round <i>Reflections & action plans by industry and policy leaders</i>	Moderated by Ingrid Holmes, <i>Green Finance Institute</i> Jim Spaeth, <i>US DoE</i> Alex Philpott, <i>UK DfT</i> Damien Meadows, <i>EU EC DG CLIMA</i> Yasar Yetiskin, <i>ICF</i>
15:15 – 15:30	Q&A	
15:30 – 16:00	Coffee break	
16:00 – 17:00	The Finance Challenge <i>Necessary investments for net-zero transition, how to link aviation finance and sustainability, potential investors equity/debt/VC/PE/hybrid, uncertainties, (transition) risks, and policy requirements to address risks</i>	Setting the scene by science: Prof. Thomas Conlon, <i>University College Dublin</i>
	Expert Round <i>Reflections & action plans by industry and policy leaders</i>	Moderated by Michael Halaby, <i>MUFG</i> Charlotte Dubec, <i>WTW</i> Glenn Morgan, <i>Clear Sky</i> Erwin Nederkoorn, <i>ING</i> Ewa Oney, <i>EU EC DG MOVE</i> Sita Toolan, <i>SMBC Aviation Capital</i>

17:00 – 17:10	Q&A	
17:10 – 17:25	Transatlantic Climate Alliance	Senator Marc Pacheco, <i>State Senate Massachusetts</i>
17:25 – 17:45	Closing Remarks Day 1	Leigh Hudson, <i>IAG</i>
17:45 – 19:00	Drinks	

Day 2 – open to relevant stakeholders only

08:45 – 09:15	Fireside Chat - incl. Synthesis of Day 1	Fred Krupp, <i>Environmental Defense Fund</i> Sheila Remes, <i>Consultant</i>
09:15 – 10:45	Roundtable discussion <i>Managing Turbulence: Delivering on the Principles of Sustainable Aviation Financing</i>	Moderated by Sheila Remes, Dr. Peter Smeets and Prof. David Victor Composition: Scientists Day 1: <ul style="list-style-type: none"> • Prof. Andreas Schäfer • Prof. Piers Forster • Prof. JP Clarke • Prof. Mirko Hornung • Prof. Steven Barrett • Prof. Tom Conlon PLUS: representatives of the stakeholder groups: Fuels, Finance, Infrastructure, OEM, Airlines/Lessors, Policymakers, NGO
10:45 – 11:00	Coffee break	
11:00 – 12:00	SAF Case Studies incl. Q&A	Moderated by Dr. Peter Smeets, <i>360AF</i> Marcella Franchi, <i>Haffner Energy</i> Arno Zimmermann, <i>Spark efuel</i>
12:00 – 12:15	Coffee break	
12.15 - 12.30	Declaration of the Principles	
12:30 – 12:45	Closing Remarks	Dr. Ulrike Ziegler, <i>impact</i>
12:45 – 13.15	Press Conference	
13:15 – 14:15	Lunch	
14:15	END	