Greening Aviation
Hydrogen & Decarbonisation Scenarios

ISABE
International Society for Air Breathing Engines

Image Courtesy of EU H2020 EnableH2 project

0800–1730 - Saturday 24 Sept 2022 Hotel Novotel Montréal Aéroport, 2599 Boul. Alfred Nobel, Montréal, H4S 2G1, Quebec, Canada
and Tuesday 0800 – 1730 27 September 2022 Shaw Centre 55 Colonel By Drive, Ottawa, Ontario, K1N 9J2 – Canada

Canada CNRC·NRC

ROYAL AERONAUTICAL SOCIETY

Cranfield University

Greening Aviation:
Hydrogen & Decarbonisation Scenarios

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Natesa MacRae
H_2 Technologies lead for CNRC's Low Emission Aviation Program and senior researcher in aircraft electrification and green engineering.

Devaiah Nalianda
Lead Propulsion System Performance & Integration at Cranfield. Thought leadership in contrail formation and abatement.

Pericles Pilidis
Led the gas turbines and propulsion team at Cranfield to thought leadership in the use of hydrogen for greening aviation

Vishal Sethi
Head of Cranfield Low Emission Technologies & Combustion Group, Leader EU EnableH2 and many other hydrogen projects

From ISABE Education, RAeS, CNRC and Cranfield University

Introduction & Welcome
Hydrogen Airliners – Pilidis
Hydrogen & Low NOx - Sethi
Contrails & Abatement – Nalianda

Hydrogen R&D – Sethi
Aircraft Electrification - MacRae
Decarbonising a Country – Pilidis
Discussion Session

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Fee USD 490, Students USD 100 - https://www.isabe.org/workshop1