

Zero Emission Flight Delivery Group

Commercialisation Subgroup

Terms of Reference

Purpose

- Forum to **engage stakeholders** in the commercial opportunities and challenges in the introduction and operation of Zero Emission aircraft (no carbon emissions at the aircraft tailpipe) and supporting infrastructure.
- Building on the **barriers and enablers identified by the ZEF DG task-and-finish group, prioritising recommendations to overcome, to take advantage of and support the commercialisation of Zero Emission Flight (ZEF)**.
- Make recommendations for **UK Government policy and Industry action**, via the ZEF DG, as to how the UK can best support commercialisation of ZEF in line with the Jet Zero strategy and goals.

Scope

- Provide **recommendations to ZEF DG** through engagement with Industry stakeholders with product and services associated with the operation of ZE aircraft (ref JZC strategy / milestones).
- Recommendations will be focused within the identified and prioritised opportunities and **'primary cause'** barriers and catalysts of:
 - **Financing and financial risk** (Access to funding/investment/debt for R&D, scale-up, purchase and systemic change. In addition, market risks undermining investment case or ability to absorb 'cost of learning').
 - **Government policy and planning stability** (Policy pathway certainty and ability to forward plan investment with confidence).
 - **Market readiness** (Level of technology maturity, supporting networks/services and customer preparation for ZEF).
 - **Competitiveness and Operating Uncertainty** (Addressing uncertainty in implementation, maintenance, operating economics and in-service risk).
- Provide inputs on the work relevant to other ZEF subgroups (**Aircraft, Regulation and Infrastructure**)

In Scope & Out of scope details

- As stipulated by the [ZEF DG terms of reference](#).
- Content specific to the role of other working groups (Aircraft, Infrastructure, Regulation)

Objectives

- Establish a **stakeholder forum** relevant to the purpose.
- Identify and engage with stakeholders to **build-on and prioritise opportunities / barriers for action**.
- Identify, prioritise and propose **measures (industry and government)** to the ZEF DG that will support the commercialisation of ZEF aircraft.
- Identify **out of scope** market measures and place with the associated ZEF Subgroup.

Governance

- A Chair and Secretariat will be appointed to run the Subgroup and the Chair will represent the group at the Zero Emission Flight Delivery Group (ZEF DG).
- The chair will have responsibility for:
 - Overseeing the development and delivery of a work programme for the Subgroup.
 - Reporting to the ZEF DG and working effectively with the other Subgroup Chairs as required.
 - Managing meetings, ensuring they run effectively and smoothly, taking members through the agenda items, keeping members to time and summarising key actions.
 - Ensuring that the full range of views expressed by members and invited experts are appropriately taken into account during meetings.
- The Secretariat will:
 - Support creation of meeting agendas and confirm with Subgroup members (at least one week in advance).
 - Ensure the timely circulation of background papers and agenda to members (at least one week in advance).
 - Commission more detailed update notes and digital surveys between meetings, focusing on topics relevant to the Subgroup discussions that can support policymaking, as required.
 - Disseminate and keep track of the agreed actions from each meeting.
 - Minute each meeting (non-attributable), assemble and analyse records (including key actions) and share with members and responsible officials.
 - Prepare short briefing papers for the Chair to use to report to the ZEF DG on progress made by the Subgroup.

Membership

Members are expected to:

- Offer expertise and experience, and bring diverse, economy-wide input to forming recommendations.
- Contribute to and comment on analysis and materials developed by or brought to the group.
- Advise on priorities, shaping the scope of the subgroup's programme over time to ensure it remains strategic and aligned to the Jet Zero mission in the long-term.
- Complete actions accepted and agreed during meetings in a timely manner.

The Subgroup should aim to comprise representatives of the following stakeholder groups.

- Government (DfT, DBT)
- Aviation finance
- Aviation lessors
- Airports (UK – small through to large)
- Airlines / operators (Small to large, domestic to international, trade representation)
- Insurance
- Aviation asset appraisal
- Regulators
- Zero emission aircraft manufacturers (OEM, Tier 1, Start Ups)
- Cross-cutting and expert/advisory services
- Catapults