

General overview

AEH2 - General assembly 28/03/2024
AZEA WG-4 Airbus focal point
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AZEA was launched in June 2022 as an open platform gathering private and public stakeholders to



prepare the aviation ecosystem for the entry into service of electric and hydrogen aircraft to deliver environmental, societal and industrial benefits:

- Support the EU aeronautics industry who invests in developing zero-emission aircraft and maintain a competitive and sustainable aviation sector
- Support EU climate objectives by contributing to
 - the decarbonisation of intra-EU flights
 - the emergence of a new sustainable regional air mobility offer

Note:

Alliances are forum of **technical nature** aiming, in particular, at identifying barriers and promoting investments. They are **not a consultation or a lobbying body**.

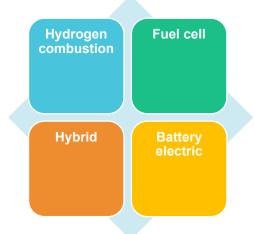


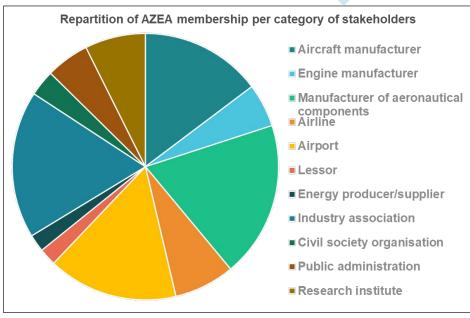


AZEA has an open membership

- Open to all actors (including non-EU organisation) willing to work together to prepare the market for commercial operations of electric and hydrogen aircraft
- Limited number of eligibility criteria (as per <u>ToR</u>):
 - 1) Be a legal entity
 - Commit to the objectives of the Alliance by signing the Declaration
 - 3) Have activities relevant to the objectives of the Alliance
 - 4) Abide by the rules set in the <u>Terms of Reference</u>
 - 5) No conflict of interests with the objectives of the Alliance











AZEA covers all market segments and technologies

- Primary focus may be on commuters and regional aircraft, but, depending on participation, all market segments may be considered
 - Short/Medium haul
 - Regional aviation
 - Regional Air Mobility
 - Business Aviation
 - General aviation
 - RotorcraftUrban Air Mobility

- All electric/hydrogen propulsion technologies may be considered
 - Hydrogen combustion
 - Fuel cells
 - Battery electric
 - Hybrid electric





Market segments and technologies - Characteristics

European

Commission



BIZAV Short BIZAV Medium BIZAV Long



AZEA Governance

General Assembly, to ensure engagement of all members

- Meets twice a year
- No decision power
- Facilitate the engagement and maintain the dialogue with all AZEA Members
- Provide feedback and inputs to the Steering Committee and WGs on progress and on-going work

☐ Steering Committee, to pilot AZEA

- Limited to organizations not subject to control by non EU country
- Role:
 - Guide the Alliance towards its objectives (AZEA decision making body)
 - ☐ Provide strategic advice to ensure maximum impact of the Alliance
- Tasks:
 - ☐ Define AZEA's work programme, monitor the progress and adopt corrective actions
 - Ensure coordination between WGs and integrate their contributions
 - □ Validate AZEA deliverables
 - ☐ Report to the General Assemblies





AZEA core tasks

Analyse

- Identify all barriers and gaps (including policy and regulatory needs)
- Define requirements for the entry-into-service of electric and hydrogen aircraft (energy, infrastructure, etc.)
- Identify the actions required to overcome barriers
- Identify investments needs

Connect

- Promote investment projects and connect them to financing partners
- Foster partnerships and maximize synergies across the ecosystem and beyond
- Create the necessary momentum amongst stakeholders
- Outreach and International partnerships



(adhoc Working Groups)

Roadmap for the introduction of electric and hydrogen aircraft (update and monitoring)

Support INVESTMENTS projects, foster PARTNERSHIPS and develop other ACTIONS

Recommend

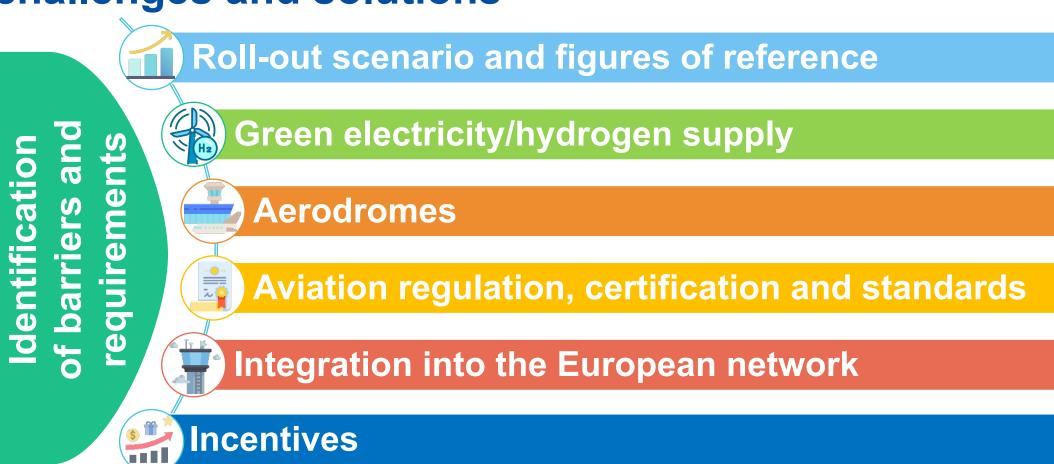
Establish and follow up of a **Roadmap**:

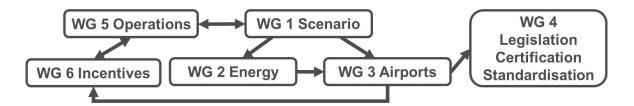
- ❖ Based on a roll-out scenario for zero-emission aircraft
- Defining **priorities** and **milestones**
- Providing clear objectives and actionable recommendations to support all investments required and address barriers identified (legislation, standardisation, operations, skills, etc.)
- Serving as a **reference** to support the coordinated actions required by the different actors involved





First phase: six interconnected WGs to identify challenges and solutions







Thank you



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