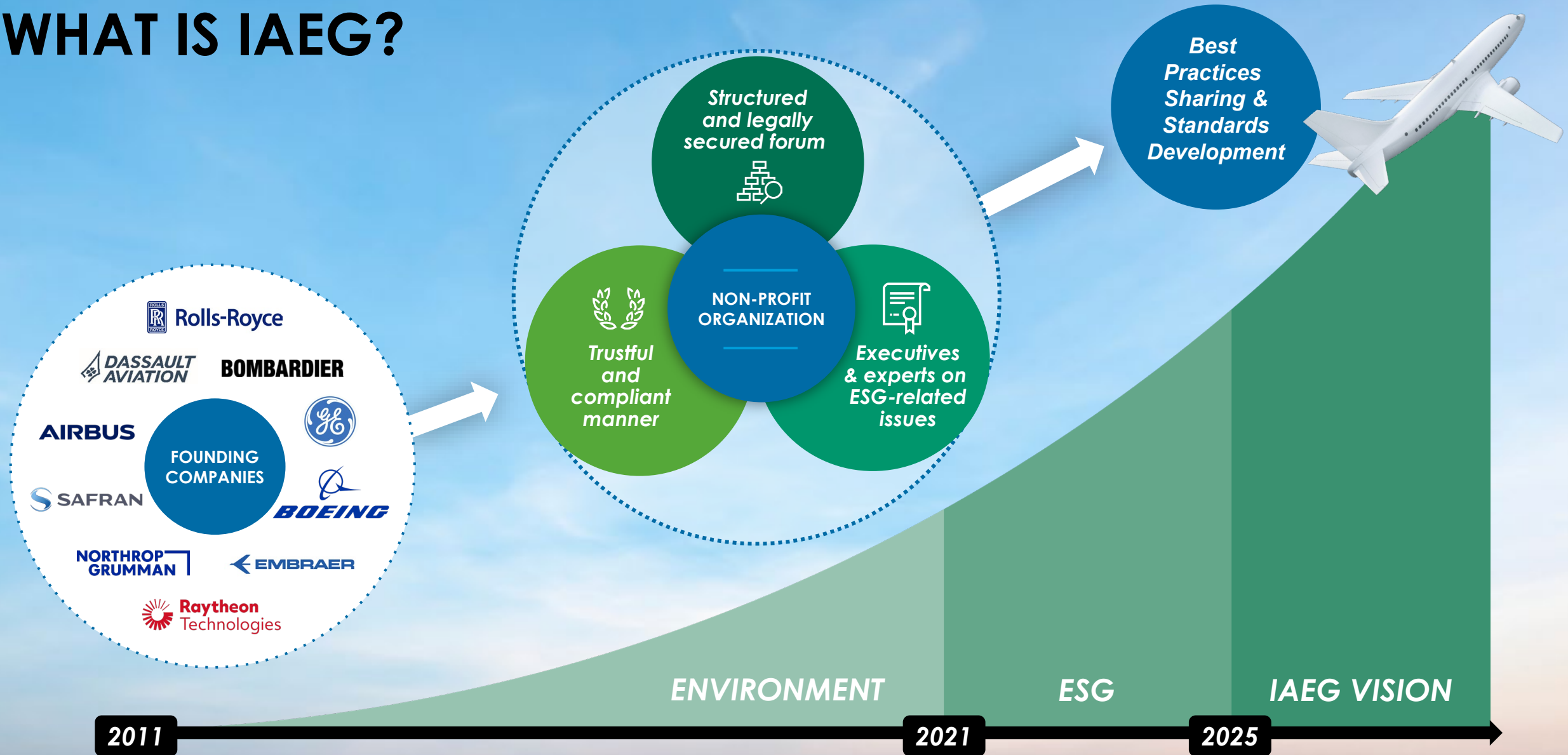


Introduction to IAEG®

International Aerospace Environmental Group®

WHAT IS IAEG?





LEADING EDGE
SOLUTIONS
ACROSS THE
VALUE CHAIN



RESPONSIBLE &
SUSTAINABLE
AEROSPACE
INDUSTRY

A RECOGNIZED GLOBAL BODY FOR AEROSPACE & DEFENSE

56 MEMBER
COMPANIES

70% OF GLOBAL AEROSPACE & DEFENSE
INDUSTRY ARE IAEG MEMBERS

\$518B COMBINED ANNUAL 2022 REVENUES
FOR IAEG (FULL) MEMBERS

\$740B TOTAL GLOBAL AEROSPACE
INDUSTRY 2022 REVENUES

IAEG Full Members

Airbus SAS	GE Aviation
ATR	General Atomics
BAE Systems	GKN Aerospace
Boeing	Gulfstream
Bombardier	Henkel
CAE	Hexcel Corporation
Dassault Aviation	Honda Aircraft Company, LLC
De Havilland Aircraft of Canada Limited	Honeywell
Diehl Aviation Holding	Howmet Aerospace
Embraer	Huntsman Advanced Materials

Israel Aerospace Industry
L3Harris Technologies, Inc.
Leonardo Company
Lockheed Martin
MTU
Northrop Grumman
Ontic
Praxair Inc
Raytheon Technologies

Rolls-Royce
SAAB
SAFRAN
Spirit AeroSystems
Textron Inc.
Thales
3M Deutschland GmbH

IAEG Liaison Members

Aero Montreal
Airbus Canada
Airbus Defence and Space GmbH
Airbus Helicopters (Salamander)
Assent Compliance Inc.
BSI Group
Capgemini
Dassault Systemes Enovia
DXC Technology
Granta Design Ltd

Haley & Aldrich
Hangsterfer's Laboratories, Inc.
Noblis
Ramboll Environment & Health
Risk & Policy Analysts Ltd
SAFECHM Europe GmbH
Sopra Steria
Souriau SAS
Tetra Tech
Yordas Group

IAEG GOVERNANCE & WORKING GROUPS

Legal
counsel

Chair: Bruno COSTES, Airbus
Vice-Chair: David GRAEBER, Boeing

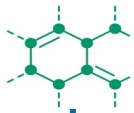
Board of Directors

Representatives from:

Airbus, BAE Systems, Bell Flight-Textron, Boeing, Bombardier Aerospace, Dassault Aviation, Embraer, GE Aerospace, Howmet Aerospace, L3 Harris Technologies, Leonardo, Lockheed Martin, Northrop Grumman, RTX, Rolls Royce, Safran, Thales

Executive Committee

Executive
Director
(AMC)



Materials and
Substances
declaration

WG1

Mussie PIETROS | Lucy REINBOLD
GE Aerospace | RTX



Replacement
Technologies

WG2

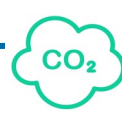
Michelle McELVAINE | Margaret PROUL
Boeing | Lockheed Martin



REACH
Authorisation

WG5

Joseph McCarthy
Leonardo



Greenhouse Gas
Reporting

WG3

Bruno DARBOUX
Airbus

ISO
14001

ISO 14001 and
EMS
implementation

WG7

Cindy KLOEHN
Airbus



Emerging
Regulations

WG9

Lisa BROWN
Lockheed Martin



Aerospace
Industry ESG
Engagement

WG11

Mark WALKER | Ashley RUBINSKY
Airbus | Lockheed Martin

LCA/PEFCR
Pending

Circular Economy /
Dismantling and material
recycling
Pending

100%SAF
Pending

External Support

More than 500 people share best practices, standards & innovative solutions



WHY JOIN IAEG...?

... TO TACKLE CLIMATE CHANGE



GHG Emission Reporting Guidance

- Scope 1 & Scope 2
- Scope 3
 - Cat 1 – Purchased Goods & Services
 - Cat 11 – Use of Sold Products



Reporting Tool

- Purchased Goods & Services and Capital Goods



Training Material

- Webinars and Fact-sheets



Guidance for Calculating Civil Aviation Scope 3 Emissions: Category 11 – Use of Sold Products

01 June 2023

Version 1

This document is released for purpose of supporting companies for the calculation of their Scope 3 Category 11.

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GREENHOUSE GAS (GHG) MANAGEMENT & REPORTING

Have a voice in promoting the development of voluntary consensus standards addressing environmental concerns



WHY JOIN IAEG...?

... TO CHAMPION CHEMICAL STEWARDSHIP



Materials & Hazardous Substances Reporting

- Declarable Substances list (AD-DSL)
- Materials and Substances Declaration (IPC 1754 - ISO 82474)
- Associated Training Material



Replacement Technology

- R&D collaboration to replace hazardous substances
- Cadmium Plating Replacement, Bonding Primers



EU & UK REACH Authorization

- Evaluate Risk for Supply Chain Disruption due to ever evolving REACH Regulations (eg: BPA, PFAS...)
- Establish common folders



Global Emerging Regulations

- Monitoring Emerging Environmental Regulations across 50 Countries
- Regulatory Alerts
- Monthly Newsletters



IAEG®
INTERNATIONAL AEROSPACE
ENVIRONMENTAL GROUP®

IAEG® WG2 - Integral Fuel Tank Coating Product Requirements Document

31 May 2023
Version 01



Participate in a forum for dialog on industry optional approaches for implementation of environmental requirements



WHY JOIN IAEG...?

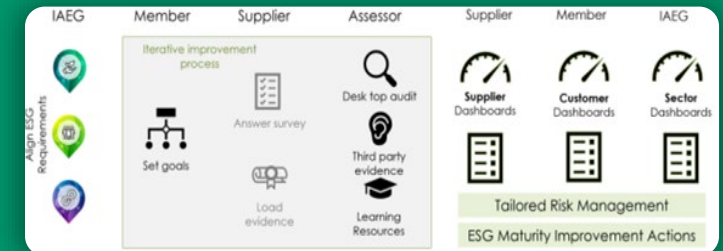
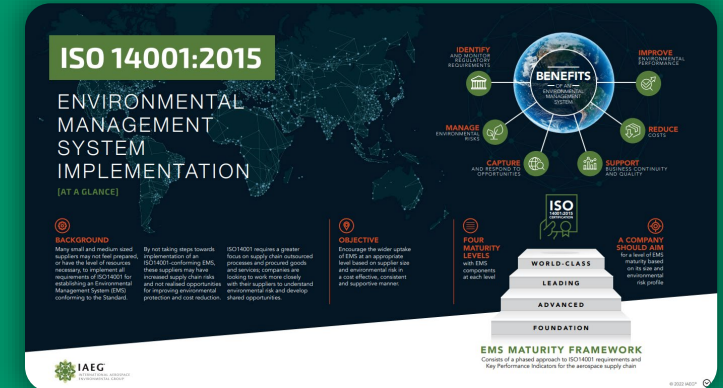
... TO FOSTER SUSTAINABILITY AND ENGAGE SUPPLY CHAIN



- ISO 14001: 2015 Implementation Guide
- Multi-Leveled EMS Maturity Framework Based in ISO 14001 for SMEs Suppliers
- Implementation guides



- Contract with EcoVadis as a Voluntary Reusable ESG Protocol
- Possible discounts for IAEG members
- Score Cards for Customers, Suppliers and Industry
- Industry Effort to Educate and Improve the Global Aerospace Supply Chain on ESG topics
- ESG Global Sectoral assessments



Aerospace Industry ESG Engagement

2022 Accomplishments

- Launched WG11 in February
- Engaged membership in week of action to build the 2022 plan
- Developed requirements for reusable sustainability assessments
- Developed the stakeholder value proposition
- Held our first ESG engagement webinars
- Selected a vendor to power WG11 reusable sustainability assessments

2023 Goals

- Roll out IAEG reusable sustainability assessments
- Start testing the WG11 sector level ESG dashboard
- Target sector level ESG improvement opportunities
- Roll out ESG engagement webinars and events beyond IAEG members

PHILL GODFREY
Regional Technology Work Group 11 Co-Leader

WILLIAM
The level of interest and support from existing and new IAEG members has been great and underlines the growing importance of ESG for our sector. Having written and completed the first chapter of our journey together in 2022, I'm really looking forward to engaging with everyone to write the rest of our book to help define our future.

WILLIAM
Region Work Group 11 Co-Leader

And more...

MEMBERSHIP ELIGIBILITY DETERMINATION

1

Principally engaged in carrying out design, manufacture or support of civilian or military aerospace original equipment, systems, or structures of aircraft, rotorcraft, satellites and/or space exploration vehicles;

2

Major Supplier earning at least \$100 million in annual revenues as a supplier to Aerospace Companies; or

3

Supplier, regardless of the total revenue, having at least 80% of its annual revenue from Aerospace Companies.

2024 Annual Membership Fees

IAEG® Full Member

If at least one of the above criteria applies, and the applicant is NOT a subsidiary of a company already a Full Member of IAEG®

• > \$10B average annual revenue (for the last 3 years, based on an exchange rates on December 31 st , 2020)	\$26,650
• < \$10B average annual revenue (for the last 3 years, based on an exchange rates on December 31 st , 2020)	\$19,965

IAEG® Liaison Member

If neither of the above criteria does not apply, or the applicant is a subsidiary of a company already a Full Member of IAEG®

\$6,750

MEETINGS AND WAY OF WORKING



IAEG Overview and Compliance Training *(Semi-monthly for new member company representatives)*



Work Groups *(Weekly or Monthly / Remote)*



All-Members Progress Review *(Monthly / Remote)*



Executive Committee *(Monthly / Remote)*



Board *(Quarterly / Remote)*



Spring and Fall Face-to-Face *(4 Days each)*

- Work Groups – 3 days intensive collaboration
- Best Practices Sessions
- Plenary Session – 1 day with external speakers
- Board and Committee meetings

Last 2023 F2F meeting
LONDON - UK
2-6/10/2023

Next F2F meeting
DALLAS, TEXAS
8-12/04/2024

IAEG ACKNOWLEDGEMENTS



SAVE THE DATE | SPRING F2F MEETING

April 8-12 2024 Dallas

Dallas Sheraton Hotel

For more information,
please see IAEG website:
<https://www.iaeg.com/>

OR
CONTACT

Steve Crumb –
Executive Director
scrumb@iaeg.com



The world as we know it today is changing rapidly. The decarbonization and digitalization of our sector may induce deep changes to our production methods, in our habits and in our mobility in the future. Many member companies are investing to reduce the environmental impact of industry activities and of products throughout their life cycle. We therefore believe, more than ever, in a sustainable aviation and space industry that is both clean and carbon-neutral. Today we are counting on you, even more than before, to be pioneers of sustainable aviation for a safe and united world.



-- Bruno COSTES | Chairman

