



**IAEG**<sup>®</sup>

INTERNATIONAL AEROSPACE  
ENVIRONMENTAL GROUP<sup>\*</sup>

# Introduction to IAEG

*International Aerospace Environmental Group*

May 2016

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# International Aerospace Environmental Group



- Trade association formed by major aerospace companies
- Focused on the multitude of global laws and regulations impacting health and the environment
- Formed to address the complexity and variability of these requirements and associated impact on the Aerospace industry (Civil & Defense) and its supply chain
- Seeks to drive continual improvement in the processes used by the industry, thereby delivering consistently high quality products and regulatory compliance with reduced environmental impacts

**IAEG formally incorporated June 2011**

# Mission & Vision

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## **Vision:**

To advance innovative environmental solutions for the aerospace industry

## **Mission:**

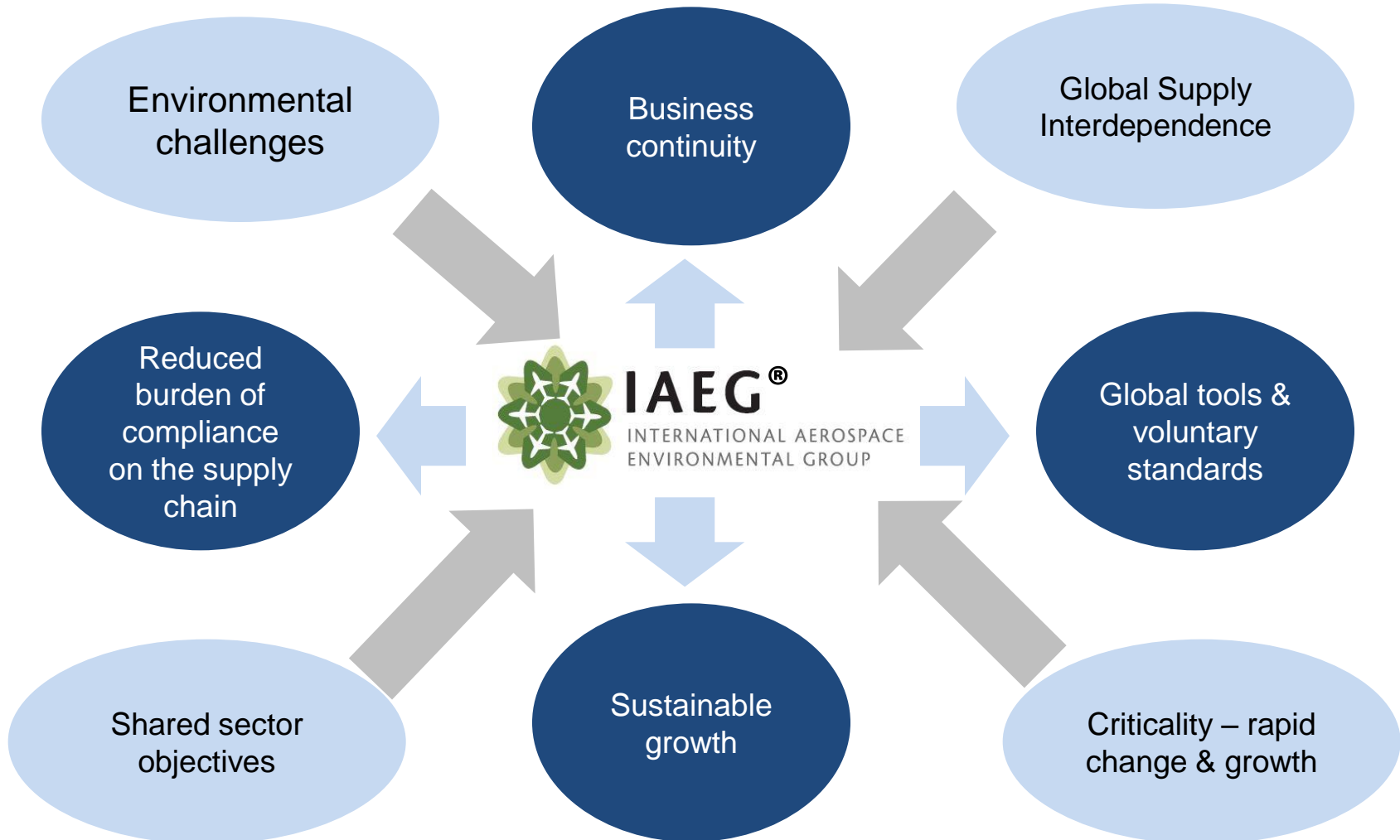
We are the leading global aerospace forum for sharing good practices concerning key issues and developing voluntary consensus standards around the environment

# Why IAEG?



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**Working together for the aerospace industry**

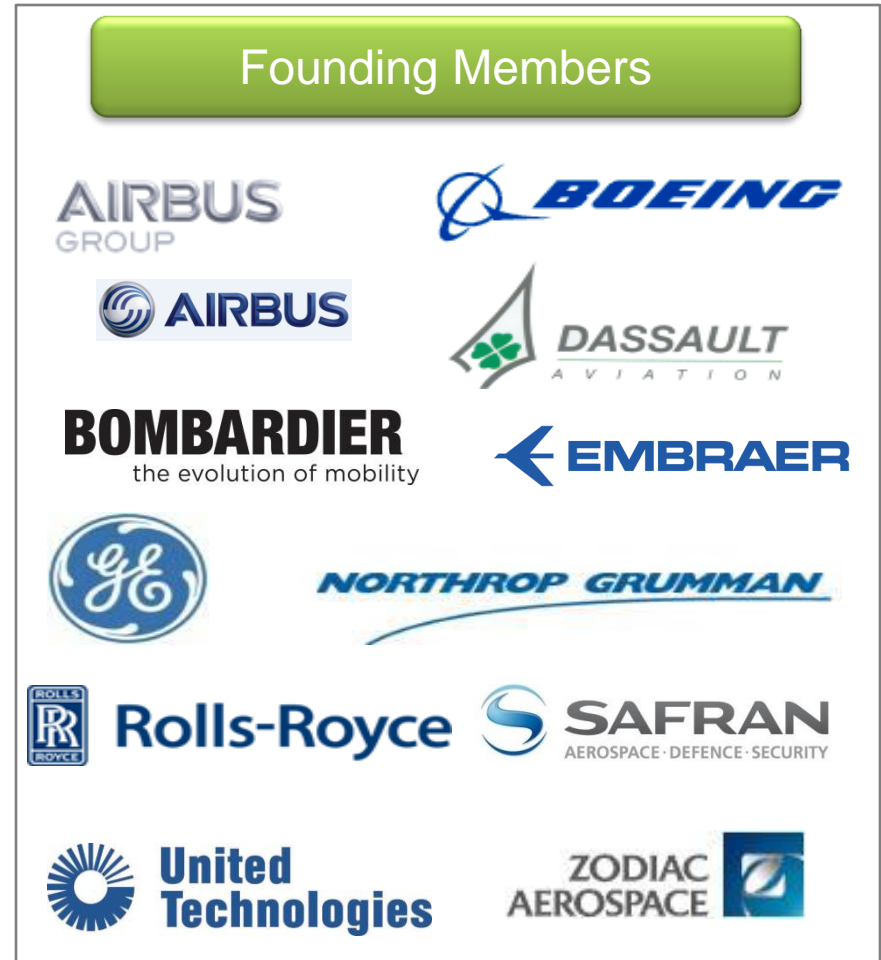
# Organizational Set-up



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- 25 Board members
- Officers:
  - Chairman
  - Vice Chairman
  - Treasurer
  - Secretary
  - Member Relations Officer
  - IP Assets Manager
  - Communications Officer
- Procures necessary administrative and professional services
- Establishes Work Groups to address substantive solutions



# Members



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3M Deutschland GmbH

Aerolia

Airbus Group

Airbus Helicopters

BAE Systems

Boeing

Bombardier Aerospace

Bureau Veritas Certification France

Cobham plc

Dassault Aviation

Dassault Procurement

Dassault Systemes Enovia Corp

Eaton Corp

Embraer

GE Aviation

GKN Aerospace Engine Systems

Granta Design Ltd

Gulfstream

Harris Corp

Honeywell

Israel Aerospace Industry, Ltd

Lockheed Martin

National Quality Assurance

Northrop Grumman

Pioneer Industries

Raytheon

Rockwell Collins

Rolls-Royce

SAFECHEM Europe GmbH

SAFRAN

Socomore

Spirit AeroSystems

Textron Aviation

Thales

United Technologies Corporation (UTC)

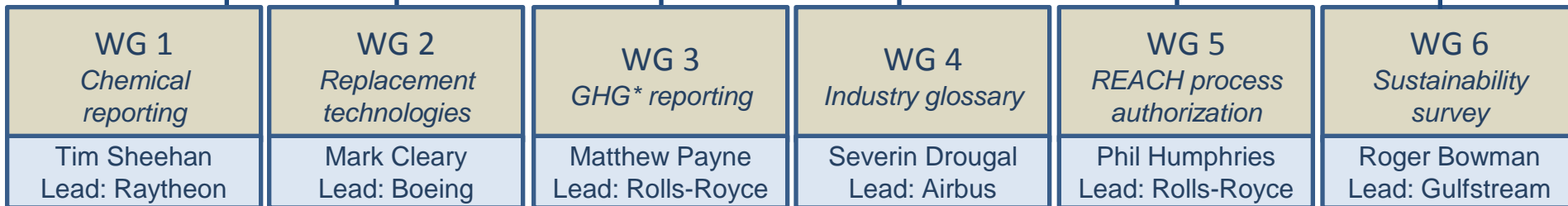
Zodiac Aerospace

# IAEG at a glance



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**Board of Directors**  
Chair: Sally Gestautas, Raytheon  
Vice Chair: Jim Young, Airbus  
COO: P Frou, Safran



\* Greenhouse Gas

**Global Aerospace Industry; One Common Approach**

# Current Working Groups

1. **Chemical reporting**
2. **Replacement technologies**
3. **Green House Gases reporting**
4. **Standard environmental vocabulary**
5. **Common industry approach to REACH Process Authorization**  
– *subscription only*
6. **Supply Chain Sustainability Survey harmonization**

## **Governance:**

- Board member sponsor
- Charter
- Work plan
- Budget
- Agreed deliverables
- Regular Board review and approval





## Develop Aerospace and Defense (AD) materials declaration process

- ✓ Developed Declarable Substances List (version 1.1)
- ✓ Identified data element requirements
- ✓ Conducted industry pilot project(s)
  - Supporting and influencing AD materials declaration standards development (IPC)
  - Promoting implementation/use of AD chemicals data exchange process

## REACH Authorization Surveillance

- ✓ Evaluating Supply Chain surveillance information
- ✓ Launch an independent cost sharing consortium for dossier development

## Replacement technology

- ✓ Top 10 industry replacement technologies that target substances to be banned by regulations
- Establishing a platform for industry research and development collaboration

**the environmentalist**

Search...

Home Climate Change / GHG Emissions Energy Pollution Waste

### Aerospace sector flies in formation

Paul Suff hears how the world's major aerospace companies established a global environment group to collaborate on REACH

Sector report: aerospace

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**ChemicalWatch**

### IAEG programme enters pilot phase

The aerospace sector has developed a common format for the reporting of chemicals in materials and components, and is finalising a declarable substances list

Consultant Richard Brading & Co. has been named as the lead consultant for the project.

A year ago, we reported on how a group of major companies in the aerospace sector had come together to try and draw up common tools to help the industry and its suppliers meet regulatory requirements on chemicals and other environmental issues. Working through the International Aerospace Environmental Group (IAEG), the companies embarked on a number of projects, including two relevant to the chemicals management agenda: the development of a 'mandatory common' standard for the reporting of chemical content in materials and products; and the creation of a methodology to identify and manage priority chemicals including the creation of a declarable substances list for the global aerospace sector ([L261 March 2013](#)).

Within the next month or so, the IAEG hopes to launch a pilot

The working group "has done a fantastic job", says Mr

## Greenhouse gas reporting

- ✓ Developed voluntary industry standard
- ✓ Submitted and approved by the World Resources Institute (WRI)
- ✓ Industry guidance for WRI greenhouse gas reporting standard published



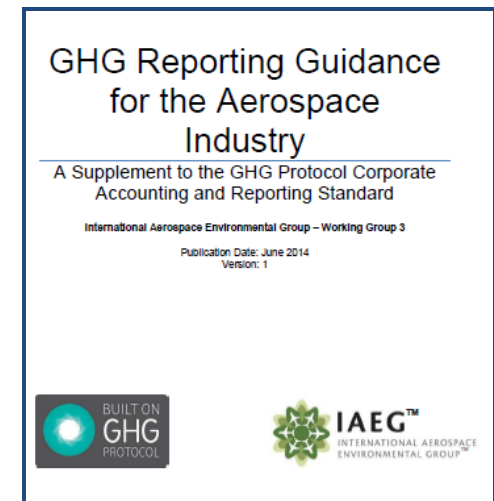
**WG3** GHG Management & Reporting

## Common industry vocabulary

- ✓ Available at [iaeg.com](http://iaeg.com)

## Harmonized Environmental Sustainability Questionnaire

- ✓ New voluntary industry methodology in work
  - Expected to be released Q1 2017
  - Evaluating possible industry level analysis capability



**Significant progress made**

# IAEG meetings



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***Airbus, Toulouse  
2015 Autumn Face-to-Face***

**Next meeting:**  
**October 2016**  
**Dassault Aviation**  
**Bordeaux, France**

# New members are welcome



- Companies active in the aerospace industry are eligible for IAEG® membership
- **Full membership** fees in 2016: \$20K/15K per year
- **Liaison membership** fees in 2016: \$1,500 per year
- Interested parties may contact;
  - Sally Gestautas– Chair [smgestautas@raytheon.com](mailto:smgestautas@raytheon.com)
  - Jim Young – Vice Chair [Jim.Young@Airbus.com](mailto:Jim.Young@Airbus.com)
  - Pascal Frou – COO [pascal.frou@safran.fr](mailto:pascal.frou@safran.fr)
  - Rachel Becker – Treasurer [rachel.becker@ge.com](mailto:rachel.becker@ge.com)
  - Thomas Wilcox– Secretary [thomas.j.wilcox@boeing.com](mailto:thomas.j.wilcox@boeing.com)
  - Nigel Marsh – Communications Officer [nigel.marsh@rolls-royce.com](mailto:nigel.marsh@rolls-royce.com)
  - **IAEG Website:** <http://www.iaeg.com/>



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# Questions & Answers