

---

# Introduction to IAEG®

---

*International Aerospace Environmental Group*

JANUARY 2020



**IAEG®**

INTERNATIONAL AEROSPACE  
ENVIRONMENTAL GROUP®

© 2020 IAEG®

The International Aerospace Environmental Group ("IAEG®") is the owner of this material. This material may not be used for any purpose other than that for which it is provided without the express written consent of IAEG®. IAEG® will accept no liability either directly or indirectly for damages from any use of this material including without limitation any indirect, incidental, special and consequential damages, loss of data, income, profit or goodwill, loss of or damage to property or claims of third parties. IAEG® reserves the right to add to, change or delete its content or any part thereof without notice.

## Founding Members

**AIRBUS**

**BOEING**

**BOMBARDIER**  
the evolution of mobility

**DASSAULT**  
AVIATION

**EMBRAER**



**NORTHROP GRUMMAN**

**Rolls-Royce**

**SAFRAN**  
AEROSPACE · DEFENCE · SECURITY

**United Technologies**

**ZODIAC AEROSPACE**

**IAEG®** was founded in 2011 with a vision to advance innovative environmental solutions for the aerospace and defence industry. Starting with 11 Founding members, now at 50 members, this collaboration forum is designed to address pertinent environmental issues that all member companies face. As we have grown, we have found tremendous value and synergy in working these non-proprietary issues together, for the betterment of the industry at large.

**Sally Gestautas** | Board Chair

## REVENUE FOOTPRINT

**\$400 BILLION**

OUT OF AN APPROXIMATE \$700 BILLION INDUSTRIAL BASE\*



## EMPLOYMENT FOOTPRINT

SLIGHTLY OVER **1 MILLION**



OUT OF A ROUGHLY **2 MILLION** INDUSTRIAL BASE\*

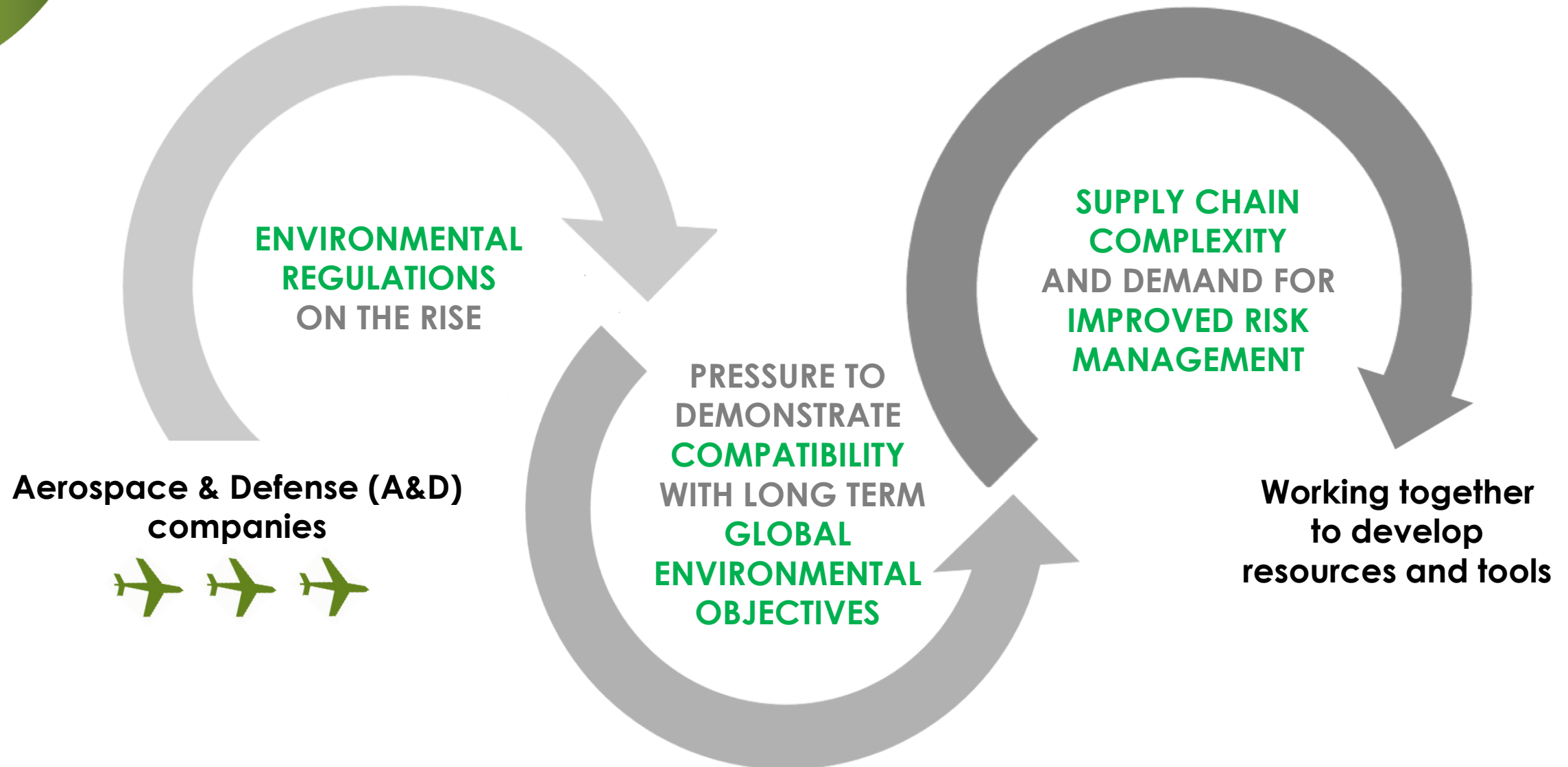
\*Deloitte, 2014 Global aerospace and defense sector financial report

## SOLUTIONS

COMPLEX AND INNOVATIVE PRODUCTS THAT LAST

**DECADES** IN THE MARKETPLACE





## #REGULATORY UPDATES

---

To develop **information** on **substance regulations**, including comprehensive educational materials on **environmental regulations and developments**

## #INDUSTRY SOLUTIONS

---

To ensure industry **solutions** address unique **aerospace and defense industry issues**

## #GOOD PRACTICES

---

To share **good practices** and **environmental solutions**

## #COST REDUCTION

---

To **minimize** administrative burdens and compliance **costs**

## #COLLABORATION

---

To get involved in a **network** comprised of over 50 aerospace and defense companies and their **health, safety, environmental and supply chain experts**

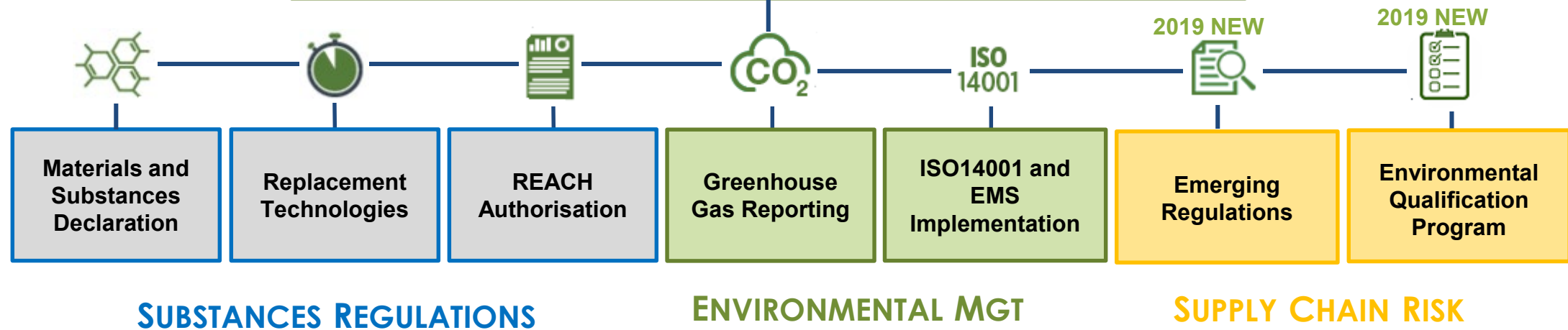
# IAEG® AT A GLANCE

**Chair:** Sally Gestautas, *Raytheon*

**COO:** Bruno Costes, *Airbus*

## BOARD OF DIRECTORS

Representatives from  
**Airbus, Arconic, Boeing, Bombardier Aerospace, Collins Aerospace, Dassault Aviation, Embraer, GE Aviation, Lockheed Martin, Northrop Grumman, Pratt & Whitney, Raytheon, Rolls Royce, SAFRAN, Thales Group**



**SHARING OF GOOD PRACTICES**

# SUBSTANCE REPORTING

## Materials and Substances Declaration

- Instrumental in establishing IPC 1754, a voluntary declaration standard
- Developed and maintain Declarable Substance List – AD-DSL
- Developed implementation support

## REACH Authorisation

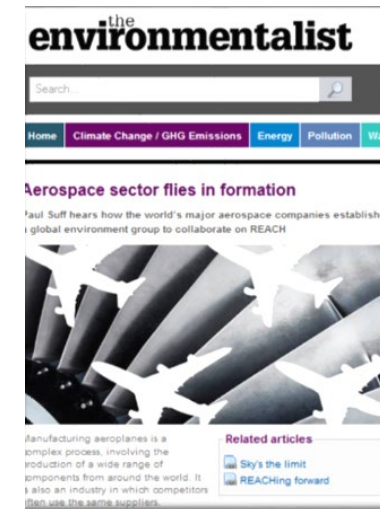
- Evaluating the Aerospace and Defense industry's supply chain for use and reliance on REACH Substances of Very High Concern (SVHC)

## Replacement Technology

- Established a collaborative industry forum for research and development of replacement technologies

## Emerging Global Regulations and Standards Development

- Monitor emerging global environmental regulations and standards
- Develop alerts, supply chain communications and webinars



# ENVIRONMENTAL MANAGEMENT AND SUPPLY CHAIN ENGAGEMENT

## Greenhouse Gas Reporting

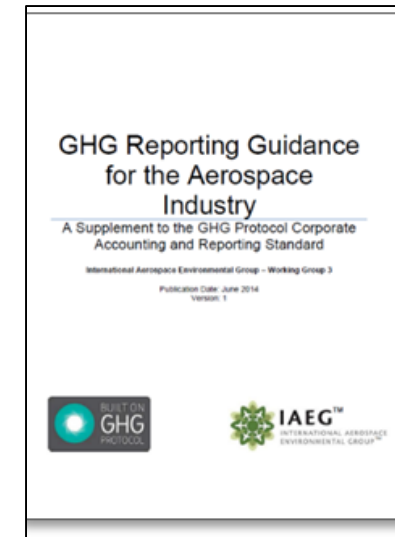
- ❑ Developed and maintain a voluntary industry reporting standard, approved by the World Resources Institute

## ISO 14001 and Environmental Management System (EMS) Implementation

- ❑ Developed an ISO 14001:2015 transition guidance document
- ❑ Developed an EMS maturity framework for small and medium size suppliers, based on ISO 14001
- ❑ Developed implementation resources and examples for the EMS maturity framework

## Environmental Qualification Program for Suppliers

- ❑ Evaluating the feasibility of establishing a voluntary program for the Aerospace and Defense industry





# IAEG MEETINGS



## 2020 meetings:

**20 - 23 April**  
**Annual Meeting**  
**Montreal, Canada**

**28 Sept - 1 Oct**  
**Face-Face Meeting**  
**Location : TBD**

For more info, please see IAEG® Website: <http://www.iaeg.com/>

or contact

Christer Hellstrand – Program Director [chellstrand@iaeg.com](mailto:chellstrand@iaeg.com)



# MEMBERSHIP ELIGIBILITY DETERMINATION

		YES	NO
<b>1</b>	Is the applicant 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.		
<b>2</b>	Is the applicant a major Supplier earning at least \$100 million in annual revenues as a supplier to Aerospace Companies		
<b>3</b>	Is the applicant a Supplier, regardless of the total amount of it revenues, having at least 80% of its annual revenue from Aerospace Companies		

<b>If the answer to at least one of the above 3 questions is yes, and the applicant is NOT a subsidiary of a company already a Full Member of IAEG®, then</b>	<b>Annual Membership Fee</b>
---	------------------------------

If the average of the last 3 years annual revenue, based on an exchange rates on December 31st, 2019, is <b>greater than \$10B,</b>	<b>\$20,000</b>
If the average of the last 3 years annual revenue, based on an exchange rates on December 31st, 2019, is <b>less than \$10B,</b>	<b>\$15,000</b>

<b>If the answer to questions 1,2 &amp; 3 above is no, or the applicant is a subsidiary of a company already a Full Member of IAEG®, then</b>
---

The company is eligible for a IAEG® Liaison membership	<b>\$5,000</b>
--	----------------