

LIFT

Information on the rise.



IAEG LIFT Newsletter

January, 2021

A Message from the Chair

Happy New Year IAEG!

It is exciting to see the progress IAEG made in 2020, amidst an extremely challenging year. We all learned to adapt to new ways of interacting and working, and succeeded in maintaining focus and momentum on our projects and activities.

A new year brings new hope, and inspiration for great things to come. In 2021, IAEG will celebrate our 10-year anniversary. While we reflect on accomplishments, we are also envisioning a bright future ahead. IAEG is just getting started!

Please stay safe and healthy, and many thanks for all your contributions!

Sally Gestautas

Board Chair, IAEG

IAEG In Action

WG9: Emerging Regulations

With the number of emerging chemical and environmental regulations increasing, companies must be aware of new requirements so that compliance can be assured and impact on supply chains can be minimized. Work Group 9's (WG9) goal is to assist the aerospace industry in evaluating these emerging regulations, policies, and standards and their potential impact on compliance and operational risk for companies and their supply chains. In 2020, the team issued nine regulatory alerts for the use of member companies and their supply chains. The topics covered are as follows:

- South Korea REACH Preregistration Regulatory Alert
- Addition of Phthalates to ROHS
- TSCA Fee Rule Preliminary List of Manufacturers and Importers
- SCIP database obligations under Directive 2018/851
- Australian Industrial Chemicals Introduction Scheme (AICIS)
- South Korea REACH Registration Deadlines
- China MEE Order 12
- UK REACH

- EU Prior Informed Consent (PIC) Regulation

The team follows a two-step process flow to identify, address and communicate information on regulations. The intake & prioritization sub-team identifies various global regulations and prioritizes the order they will be addressed based on risk rating and level of importance to member companies. Fact sheets and webinars are then developed by the communications sub-team for dissemination. Work Group members have found value in bringing these resources back to their organization. “The regulatory alerts delivered by IAEG WG9 has helped to streamline the process of monitoring and identifying compliance obligations in some of the countries where we, our customers, and suppliers operate,” says Marlen Moreno Sanchez, WG9 Team Member.

If you are looking for an opportunity to participate in a Work Group that can directly benefit your company by providing valuable and timely information on emerging regulations, please contact [Lisa Brown](#) (Team Leader) or [Michel Renault](#) (Deputy Team Leader).

WG2: Replacement Technologies

Screening and validating alternatives

In 2020, IAEG was engaged in a number of exciting projects focusing on technologies affected by EU REACH and investigating potential chemical and material replacement alternatives available to the aerospace industry. IAEG's Work Group 2 (WG2) for Replacement Technologies takes the lead in this area and, in 2020, achieved several key deliverables through implementation of innovative cross-industry collaboration methods.

- The **Corrosion Inhibiting Epoxy Primers (CIEP)** project conducted a technical exchange project evaluating data from several collaborating member companies on non-chromated corrosion inhibiting primers with epoxy binders, used to provide corrosion protection to metallic substrates. As a result, the CIEP project yielded a screening specification detailing a set of product requirements available to support an initial evaluation of potential EU REACH compliant coatings. This document is designed as a guide to suppliers, helping them understand the criteria to be applied to produce EU REACH-compliant epoxy primer products for aerospace and defence by providing a quick tool to assess candidate replacements and select those which will go forward for full qualification.
- The **Bond Primer** project carried out a technical exchange project where several member companies collaborated to exchange information on key requirements for implementation of chromate-free bond primer and adhesive systems for aerospace applications. The team also compiled results for commercially

available products that have already been tested by the participating companies. The team has collectively developed minimum acceptance and performance criteria for consideration for EU REACH compliant bond primer and adhesive systems.

- The **Cadmium Plating** project team wrote a new Zinc-Nickel (ZnNi) AMS plating standard which establishes specifications for applying a highly corrosion resistant zinc-nickel plating, that is a preferred cadmium alternative for fasteners and standard parts. This standard has now been approved by the SAE Aerospace Committee and is published as AMS2461. The project team now is working with standards bodies seeking the standard's adoption on part drawings for supply of EU REACH compliant standard parts.
- The **Hard Chrome Plating** project team completed a screening activity looking at current supply chain products as potential alternatives to hard chrome plating. The team also contacted suppliers offering new potential alternatives, or Upcoming Technologies, in the area of hard chrome plating. The team's screening effort led to publication of a technical report summarizing their findings, available for review on the [IAEG website](#).

All WG2 projects are set up under the terms of the IAEG Collaboration Agreement. The project teams determine whether the deliverables are available for voluntary use by either only the collaborating companies, all IAEG member companies, or open to the public domain.

Through WG2, manufacturers and suppliers are able to collaborate to reduce the cost and risk of investigation, thus increasing efficiency of these efforts and striving to facilitate the continued deliverance of safe and high performing products.

For more information on WG2, contact [Laura Wilkinson](#) or visit [WG2's webpage](#).

What's New in IAEG

Welcome Aboard!

IAEG Welcomes New Members of the Board

IAEG welcomed three new members to the board of directors in 2020. These individuals have made extensive contributions to IAEG and its Work Groups as members, and we look forward to all the great work that will be accomplished under their leadership.

- Venancio Neto, *Embraer*
- Sally Twisleton, *Rolls-Royce*
- Matt Payne, *Rolls-Royce*
- Julien Dezombre, *Bombardier Aviation*



IAEG Excellence Awards

Congratulations to our award recipients, who were recognized for their outstanding contribution to an IAEG Work Group or to the organization as a whole.

[See the list of honorees](#)

Looking forward to celebrating IAEG's 10-year anniversary this year

Did you know IAEG will mark a major milestone in 2021 – our 10-year anniversary!

Over the course of the coming year, we hope to reflect on the highlights of IAEG and re-commit to our vision and mission going forward.

To highlight this accomplishment, IAEG has an updated brand that we will be using throughout the year.



Making a Scene in 2021

We are working hard to expand our IAEG social media presence this year and looking forward to engaging with the Work Groups to contribute to our communications campaign.

Let's get the word out about what the IAEG Work Groups have been up to!

Expect to see us on LinkedIn soon.



And we are just getting started.

Upcoming Events

Save the Date

Spring Virtual Face-to-Face Meeting

Due to the continued threat of the COVID-19 pandemic, the spring meeting will be held virtually. Work Groups have the option to conduct

their meetings during either of the following two weeks:

March 22nd - March 26th

March 29th - April 2nd

For details on your Work Group's meeting schedule, contact your Work Group Lead. There is no registration required to participate.

If you would like to attend the virtual meeting, but are not currently involved in a Work Group, contact [Christer Hellstrand](#).



Interested in becoming a member?

Complete the [membership application](#) or learn more about IAEG from the [About Us](#) video.





Copyright © 2021 IAEG, All rights reserved.