

# **Harmonisation in the Gas Industry**

**Herman Puype**  
**Deputy General Secretary, EIGA**

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## Objectives

- **Promote consistent standards worldwide based on Best Operating Practice**
- **Drive continuous safety improvement**
- **Present a united industry position**
- **Avoid public conflict with authorities**
- **Eliminate duplication of work**

## **Legislation and Standards**

- **Legislation and standards are dealt with at three levels**
  - national (e.g. CFR 49) (ANSI)
  - regional (e.g. ADR/RID) (CEN)
  - International (e.g. IMDG) (ISO)

## **Legislation and Standards**

- **The process involves three levels**
  - **Legislation is mandatory: what?**
  - **Standards support legislation: how?**
  - **Associations prepare industry codes and positions to influence legislation and standards**

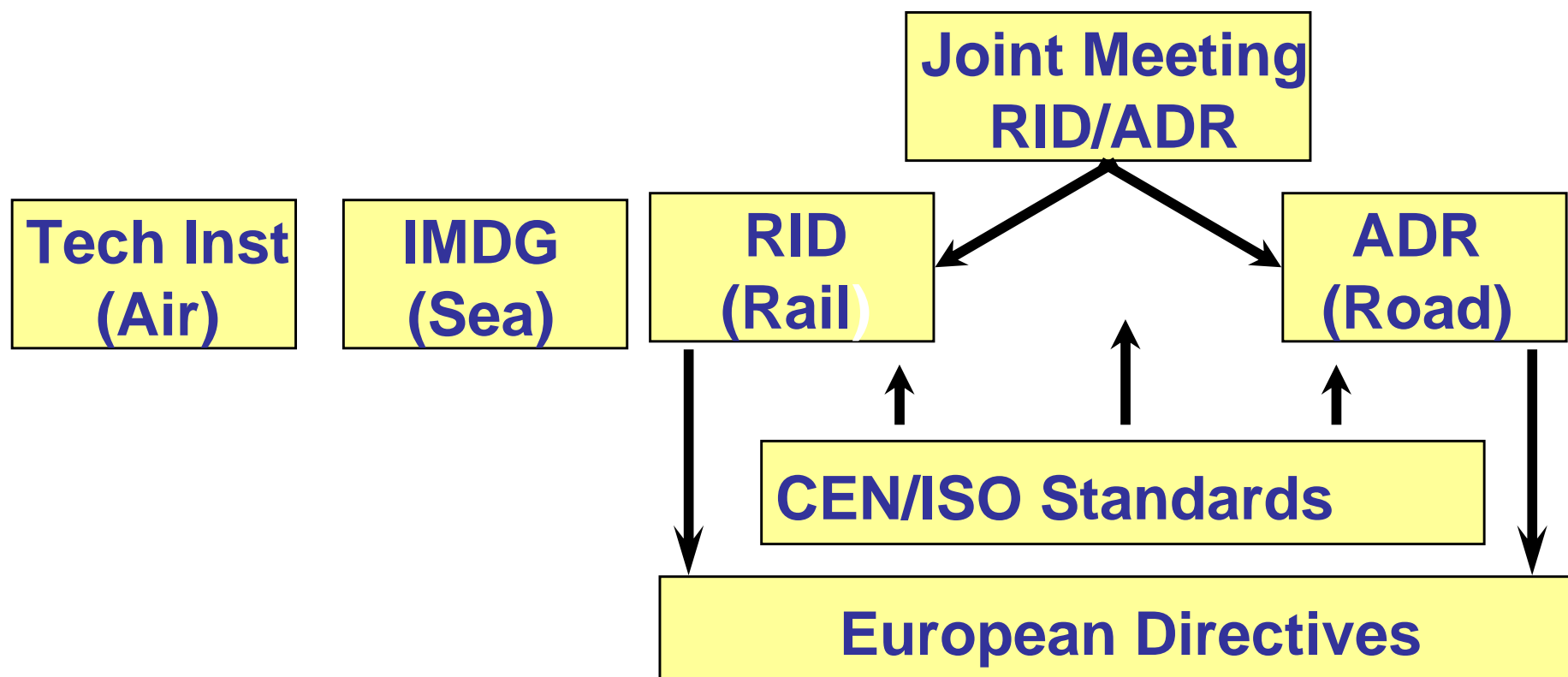
# Global Harmonisation

A world map with blue outlines of continents and countries, set against a light blue background. The map is centered on the Atlantic Ocean, showing North America, South America, Europe, Africa, Asia, and Australia.

## **Global Harmonisation**

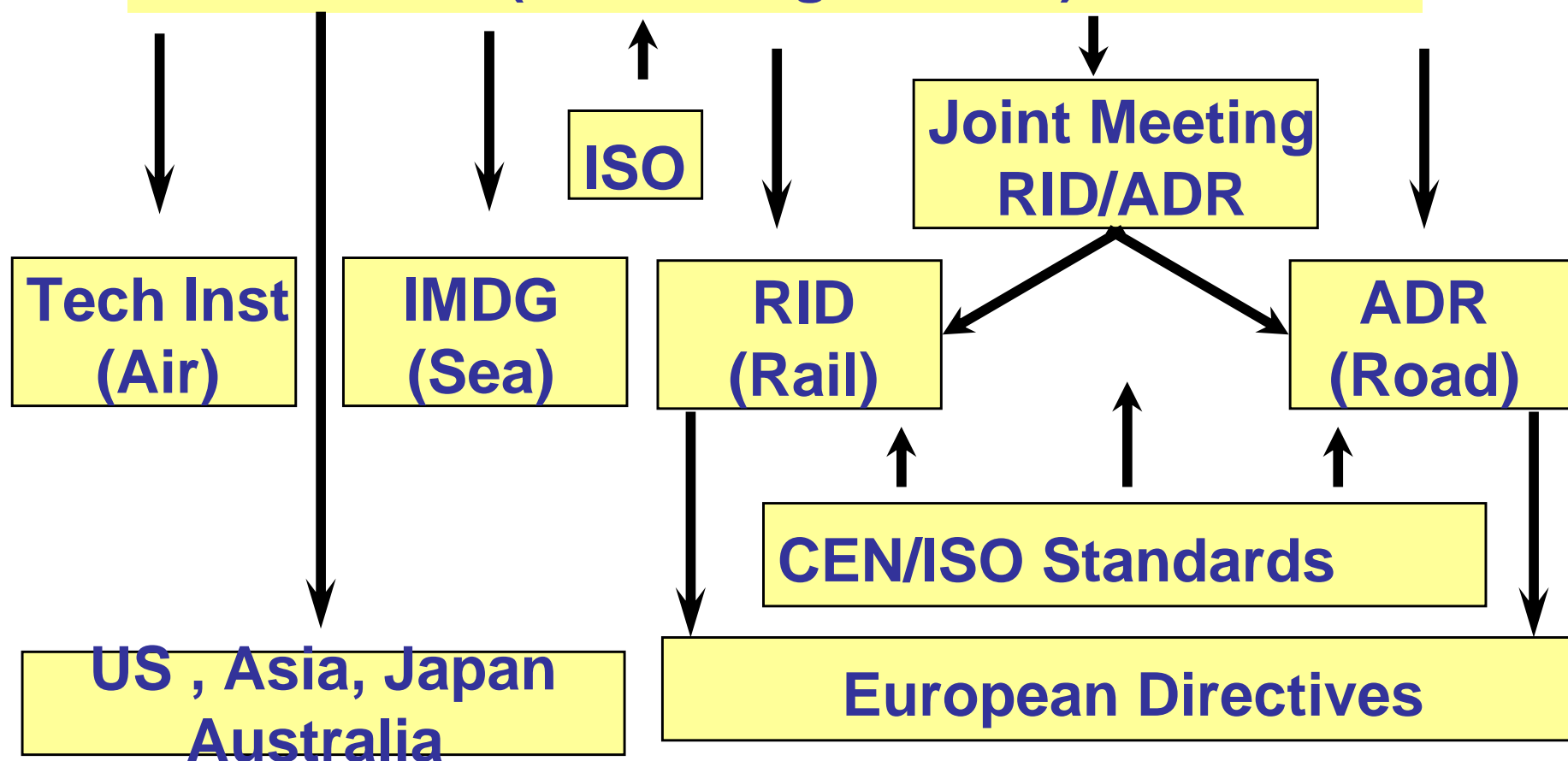
- **Gas Companies are global, they want a global approach to legislation, standards and codes of practice.**
- **Global documents should be based on best practice and not conflict but for any national regulatory requirements.**
- **Technical issues must be resolved internally**
- **Regulatory issues need a common and consistent approach.**

## Legal Framework



## Legal Framework

**UN Recommendations  
(Model Regulations)**





# **UN Globally Harmonised System on the Classification and Labelling of Chemicals**

- Transport Committee**  
**physico-chemical properties**
- OECD**  
**health effects**
- ILO**  
**communication; safety data sheets**  
**and labelling**

# **International Harmonisation Council History**

- **1997 CGA/EIGA Harmonisation Task Force set up.**
- **1999 Renamed International Harmonisation Council under the umbrella of IOMA Global Committee**
- **2000 JIGA joined**
- **2003 AIGA joined**
- **2004 ANZIGA joined**

## **CGA-EIGA Cooperation**

- **CGA and EIGA have extensive libraries**
- **Documents are based on best practice but tend to differ...**
- **Documents must be harmonised so that they are either:**
  - **Identical or**
  - **Not conflicting but for local regulatory/operational requirements**
- **The Documentation Management System reveals gaps.**

## **Global Harmonisation Process**

- **Associations produce legislative proposals at the UN**
- **CEN standards are used as the basis for ISO standards**
- **EN-ISO standards are acceptable internationally**
- **ISO standards are referred in the UN model regulations**
- **UN model regulations are translated in national law**

# International Harmonisation Process

- **Technical liaisons**
- **Document screening**
- **Lead organisation**
- **EIGA process versus CGA process**
- **Existing documents**
- **New Documents**
- **Existing harmonised documents**

## IOMA Global Committee Members

### 2005–2006 Chairman

Ricardo Malfitano, *Praxair, Inc.*

### 2004–2005 Vice-Chairman

Jean-Pierre Duprieu, *Air Liquide S.A.*

### Members:

Hiroshi Aoki,	<i>Air Water Inc.</i>
John Bevan,	<i>The BOC Group plc</i>
Mark Bye,	<i>Air Products &amp; Chemicals, Inc.</i>
Akiji Makino,	<i>Iwatani International Corp.</i>
Lennart Selander,	<i>Linde AG, Linde Gas Group</i>
Hiroshi Taguchi,	<i>Taiyo Nippon Sanso Corp.</i>

### Cooperating Members:

<i>Frank H. Finger,</i>	<b>EIGA</b>
<i>Carl Johnson,</i>	<b>CGA</b>
<i>Low Wing Keong,</i>	<b>AIGA</b>
<i>Kiyoshi Sugiura,</i>	<b>JIGA</b>

## **IHC Member Associations**

- **Asia Industrial Gases Association (AIGA)**
- **Australia-New Zealand Industrial Gases Association (ANZIGA)**
- **Compressed Gas Association (CGA)**
- **European Industrial Gases Association (EIGA)**
- **Japan Industrial Gases Association (JIGA)**



# IHC Project Assessment

- Projects are weighted based on
  - Urgency
  - Potential Risk
  - Impact on the Industry
- Two or three high scoring criteria “A” project with close follow up by the IOMA G.C.
- One high scoring criterion “B” project monitored by the IHC



## **Copyright Harmonised Doc's**

- **The Associations retain the copyright to their documents.**
- **The Association wanting to publish a regionalized version needs to make due reference to and obtain formal approval from the lead association before publication.**

## **EIGA Member, National Associations**

**AUSTRIA**

**BELGIUM**

**CZECH REP.**

**DENMARK**

**EGYPT**

**FINLAND**

**FRANCE**

**GERMANY**

**GREECE**

**HUNGARY**

**ITALY**

**NETHERLANDS**

**NORWAY**

**POLAND**

**ROUMANIA**

**SLOVAKIA**

**SPAIN**

**SOUTH AFRICA**

**SWITZERLAND**

**UKRAINE**

**U. KINGDOM**

## **National Associations**

- **Present / promote / defend agreed Industrial Gas industry view to national authorities**
- **Formulate national industry position where variation from international position is required**
- **Work with national authorities to ensure consistent interpretation of European and UN regulations**
- **Work with national authorities to establish effective and practical national legislation.**

## **Role of IOMA Global Committee**

- **Review and guide the global harmonisation of gas industry standards.**
- **Review and approve categories of project harmonisation recommendations as submitted by the IHC.**
- **Review, approve and monitor the IHC 'A' projects.**
- **Ensure alignment within member companies to facilitate harmonisation.**
- **Review Membership of the IHC.**

**THANK YOU**