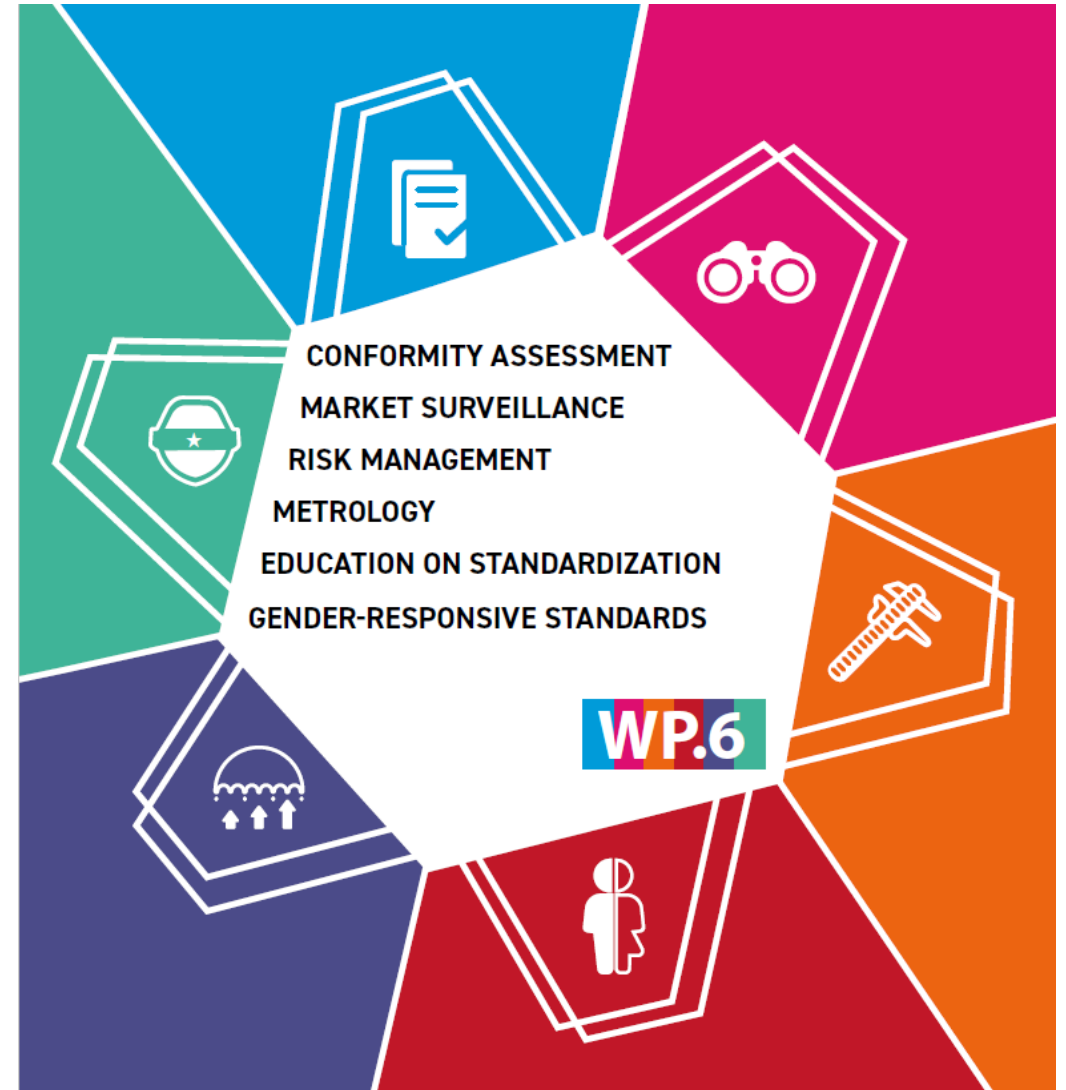


Working Party on Regulatory Cooperation and Standardization Policies

WP.6 common regulatory arrangement for product conformity harmonization

Brief overview

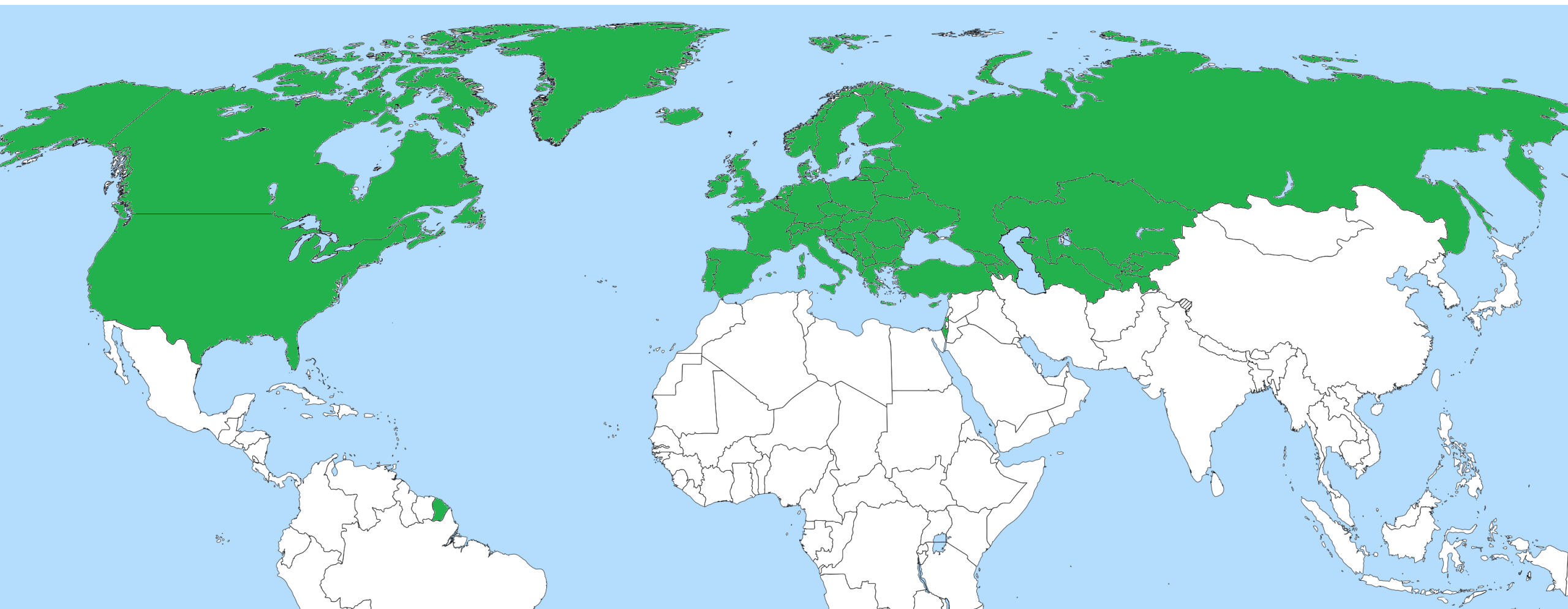


Frank Lienesch
Coordinator, WP.6 Initiative on Equipment for
Explosive Environment

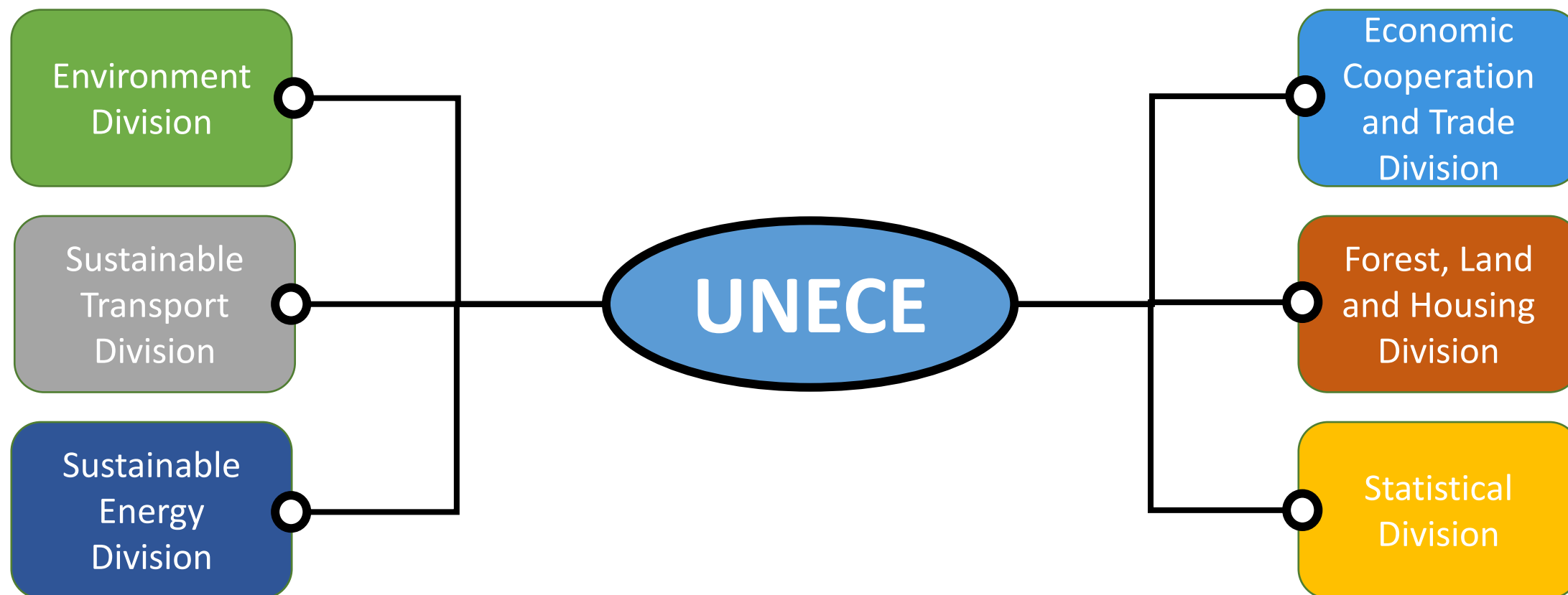
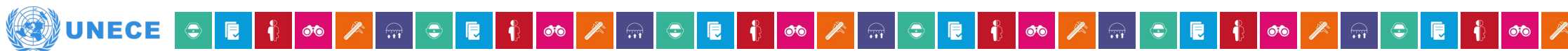
UNECE – Working Party 6

29/May/2024, Singapore

United Nations Economic Commission for Europe



United Nations Economic Commission for Europe



WP.6 Mission Statement

Working Party on Regulatory Cooperation and Standardization Policies



- WP.6 aims to promote regulatory cooperation, standardization policies and activities which contribute towards reducing technical barriers to trade, promoting sustainable development in all its dimensions including, for example, gender equality, climate and environmental protection, circular economy and the adaptation to new technologies.



STANDARDS :



Same result

For everyone

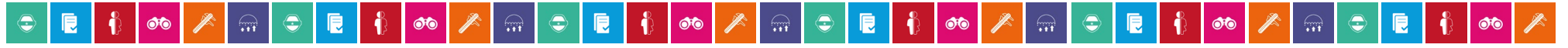
All the time

Recommendation L on International Model for Transnational Regulatory Cooperation Based on Good Regulatory Practice



- Aims to further reduce trade barriers and facilitate market access
- International Model
 - Voluntary framework
 - Facilitate global harmonization of national or regional regulation
 - Designed to be flexible mechanism
- Recommendation first adopted in 2001, revised in 2015. Revised in 2024, to clarify the title, to clearly integrate services and integrating standards throughout a CRA (instead of a separate chapter)
 - New title: “Recommendation L on an International Model for Product/Service Conformity Based on Transnational Regulatory Cooperation”
 - Will be presented to the 34th WP.6 Session (August 2024) for endorsement

Common Regulatory Arrangement 4-part structure (in the 2024 version)



1. Scope statement

- Products for which the CRA applies (with reference to HS code)

2. Product requirements

- Establish the principle issues of concern
- What requirements needed to ensure health, safety (human, plant, animal, environment)
- Detailed provisions how to meet the requirements (preferably through standards)
- Reference to the relevant standards

Common Regulatory Arrangement 4-part structure (in the 2024 version)



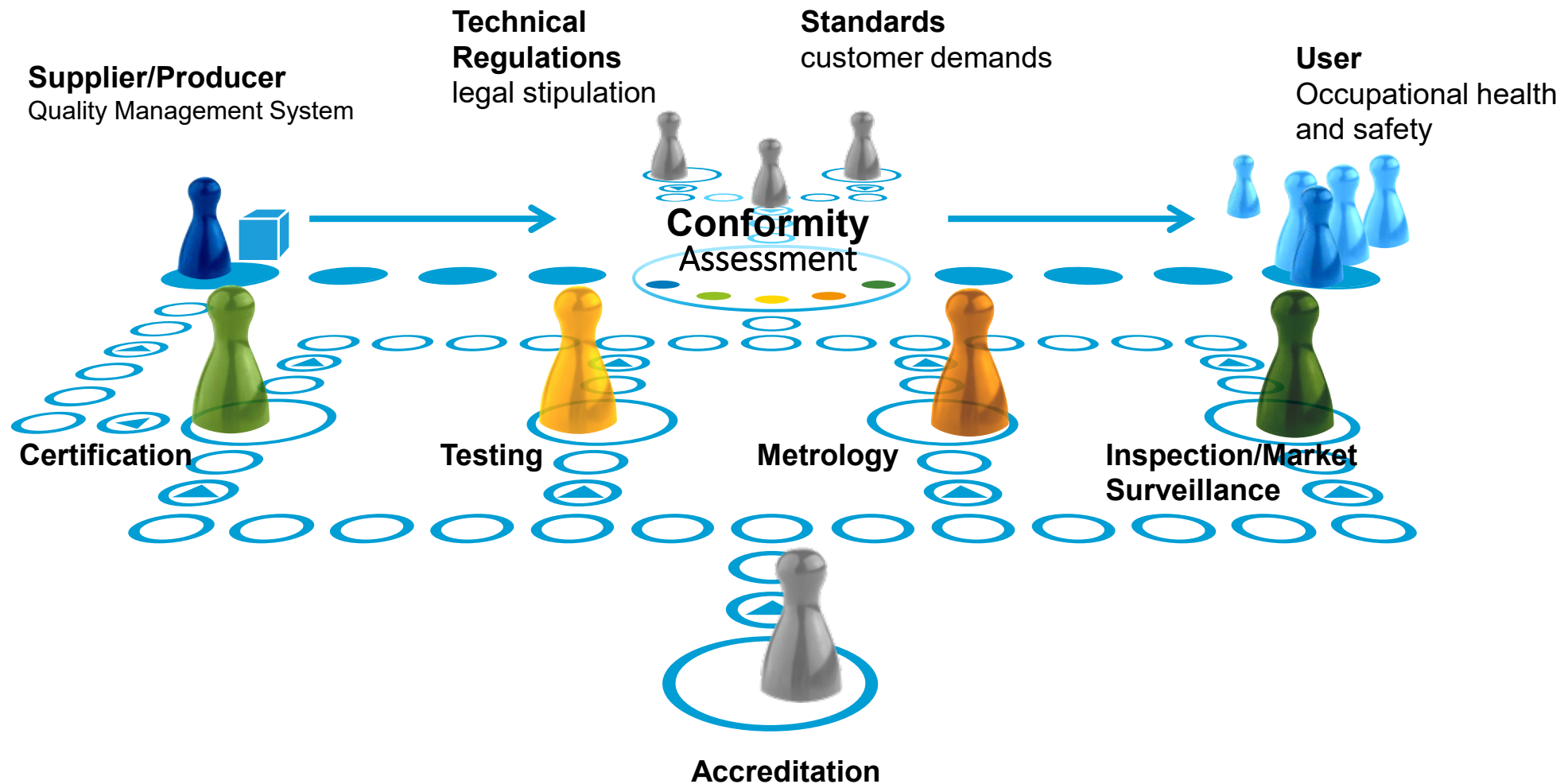
3. Compliance clause

- Provision on how compliance is demonstrated
- Reference to relevant international standards
- Possible options to demonstrate compliance (e.g. supplier's declaration, third party certification or inspection)

4. Market surveillance clause

- Conditions under which a product is withdrawn from the market

Quality Infrastructure: A Complex Network



SIEEE

Initiative on Equipment for Explosive Environment



UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE

**A Common Regulatory Framework
for Equipment Used in Environments
with an Explosive Atmosphere**

A photograph of complex industrial machinery, including pipes, valves, and tanks, typical of a refinery or chemical processing plant.

The United Nations logo, featuring a globe surrounded by olive branches.
UNITED NATIONS



Users in the industry act globally with a single engineering approach for their plants

- to earn savings of engineering, installation and maintenance costs
- to buy the equipment in a larger number and to get a better price per piece
- to have benefit from the global competition under manufacturers

Barriers against this tendency are domestic rules and regulations which require **special engineering for the plants** from country to country.

Initiative on Equipment for Explosive Environment

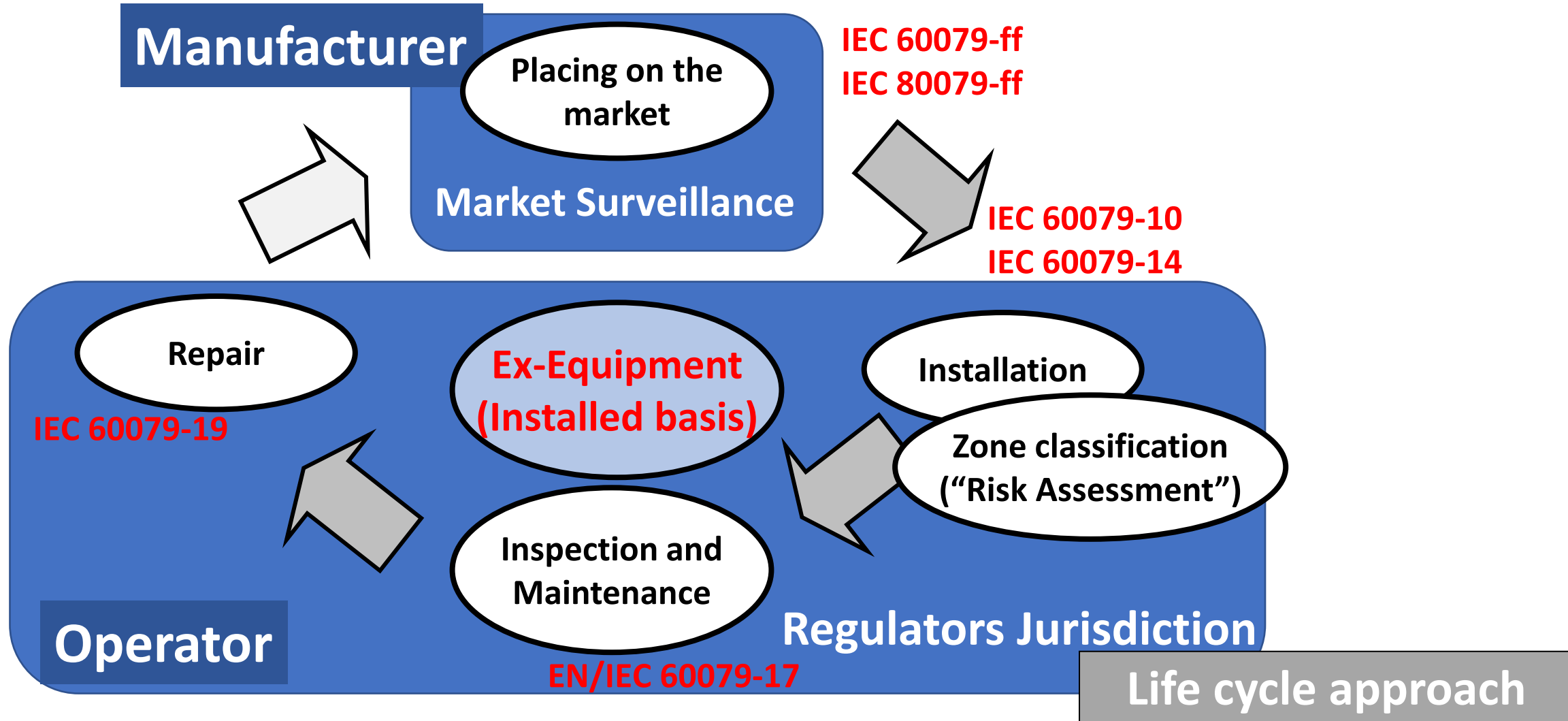


Manufacturers want to sell and manufacture their products

- without additional national differences for the product and delays to the market
- in accordance to one global standard (IEC / ISO)
- without double-testing of their product
- without formal restrictions to place it on the market

Barriers against this tendency are domestic rules and regulations which require **special differences for the product** from country to country.

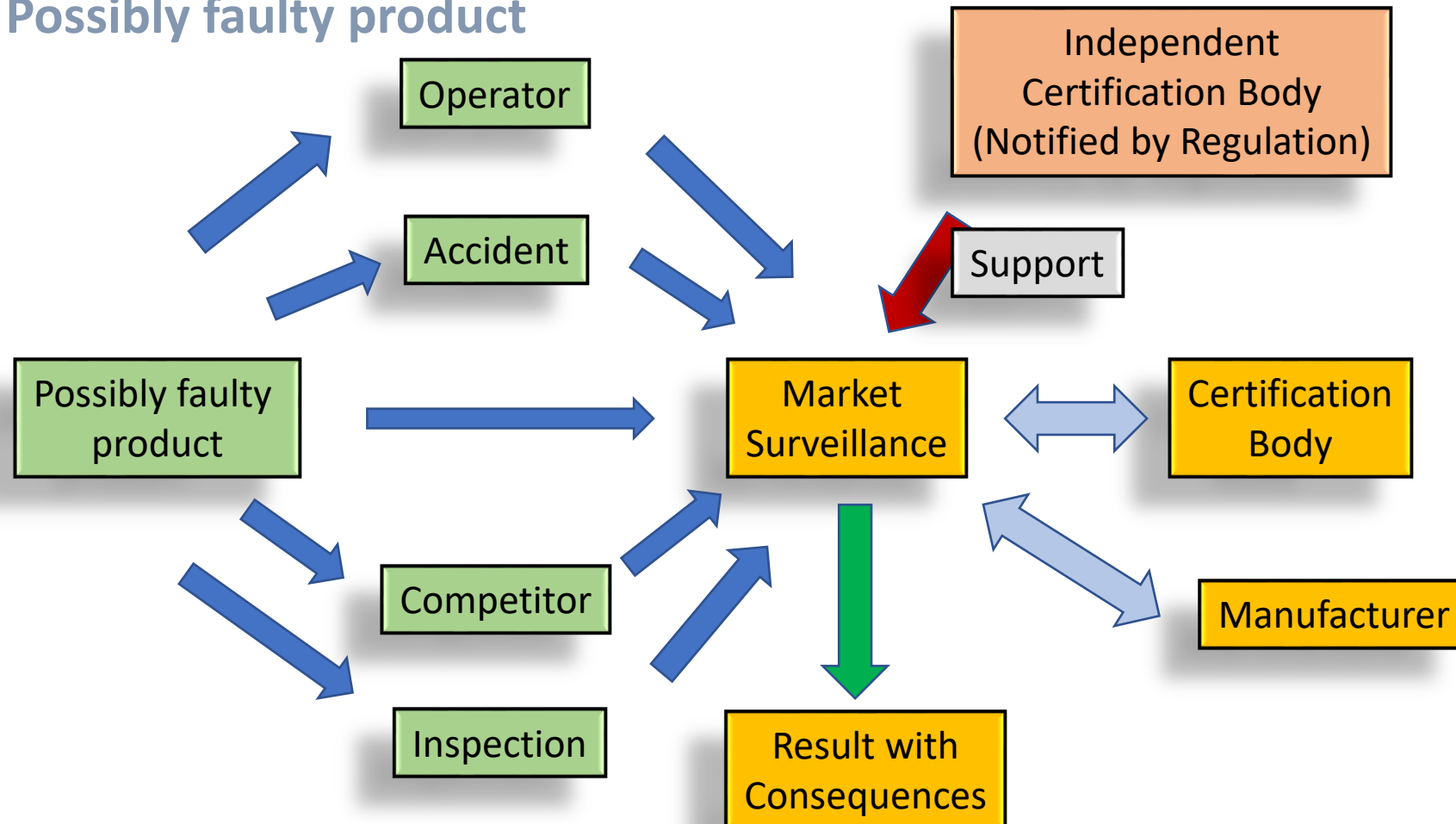
Intention of the Common Regulatory Arrangement (CRA)



Initiative on Equipment for Explosive Environment



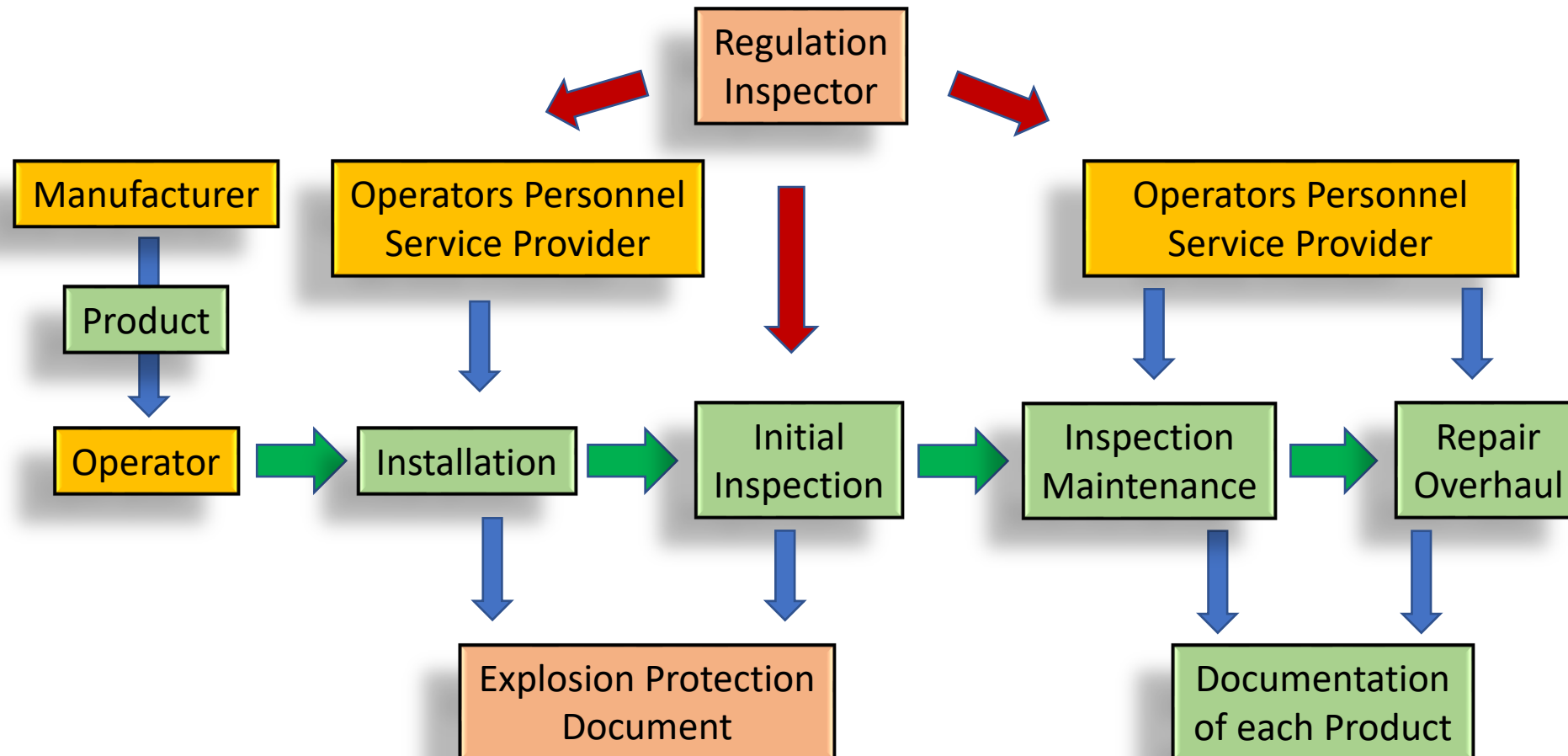
Example: Possibly faulty product



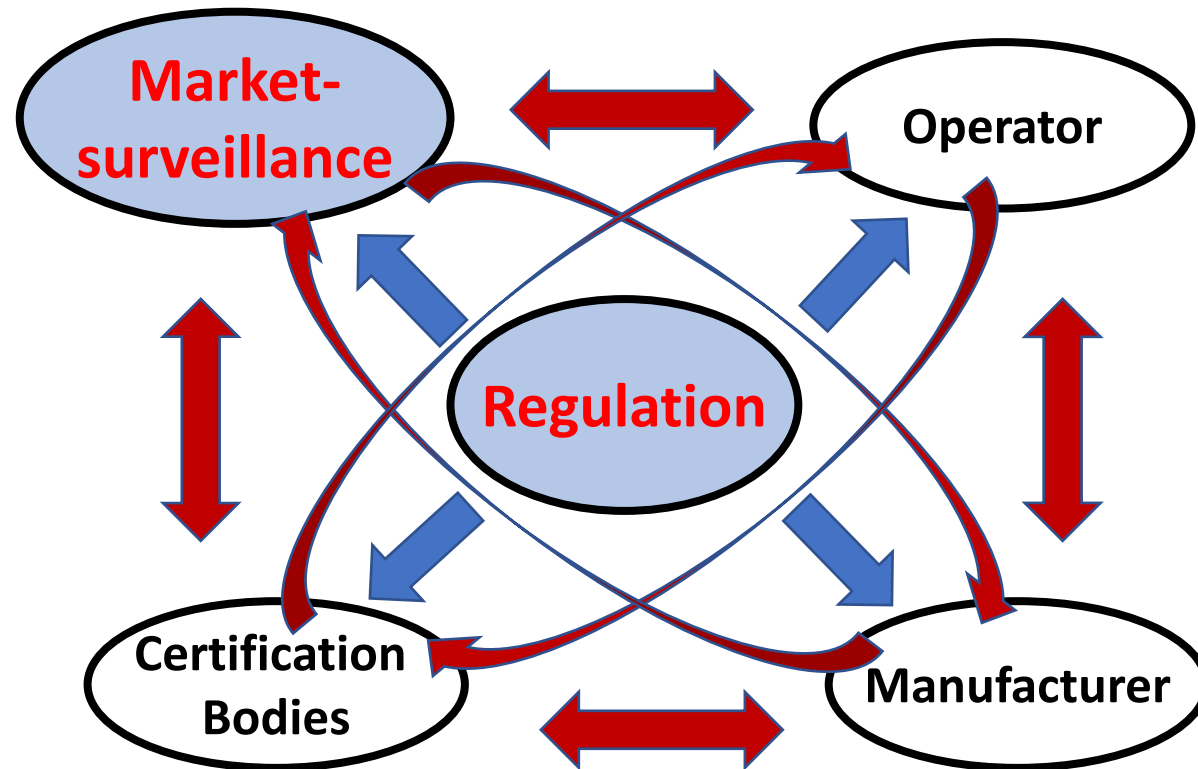
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Examples: Operation of a plant, Maintenance, Repair, Training, ...

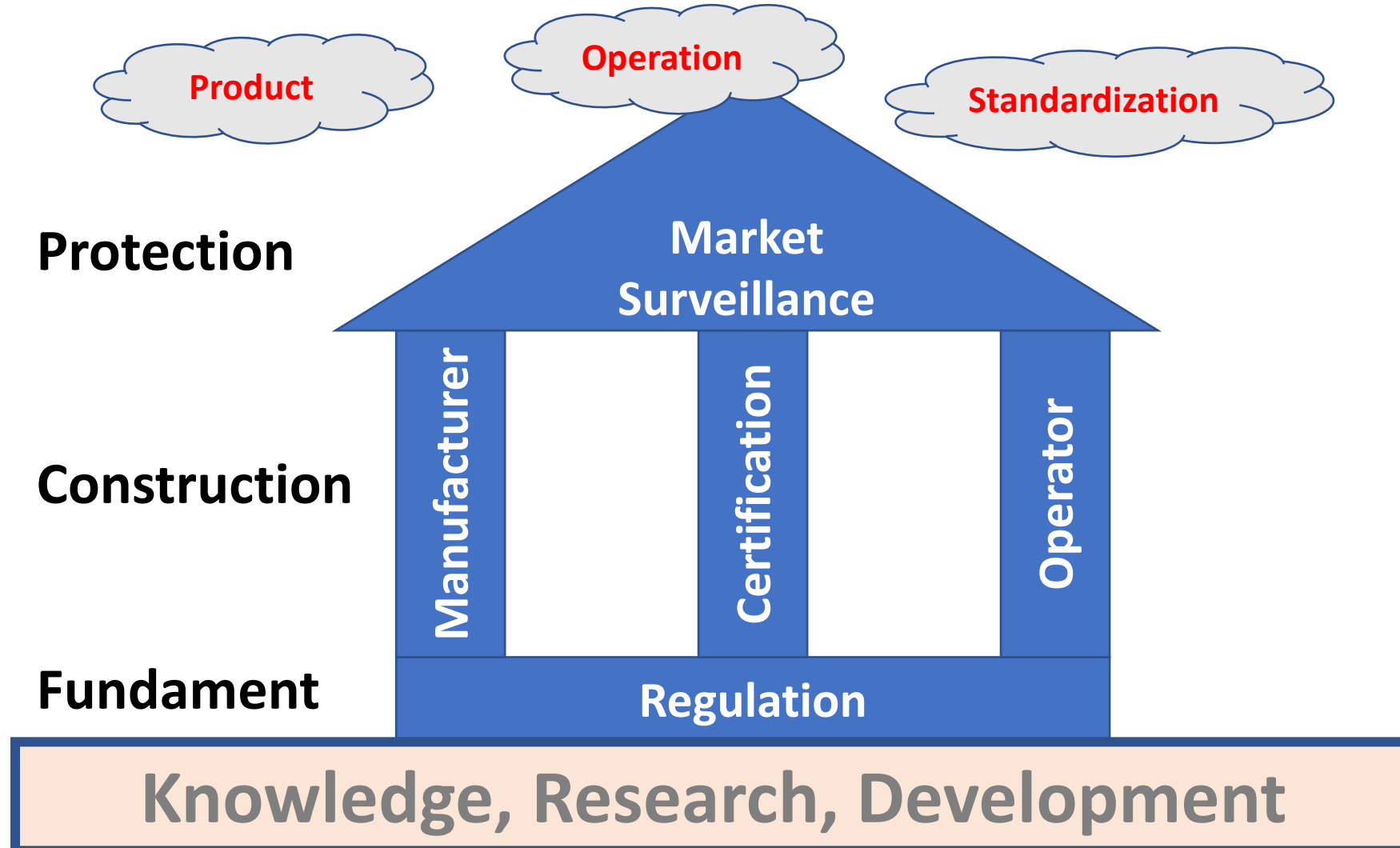


Interaction/Relationship within the SIEEE-System

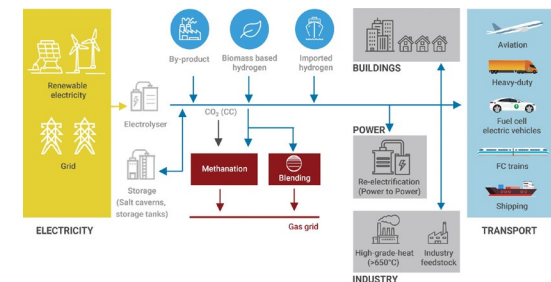
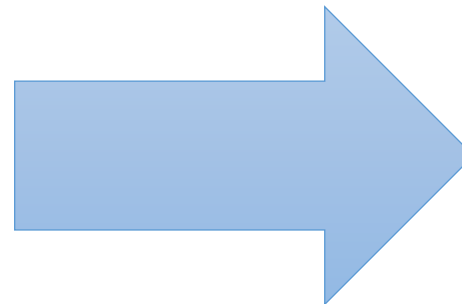
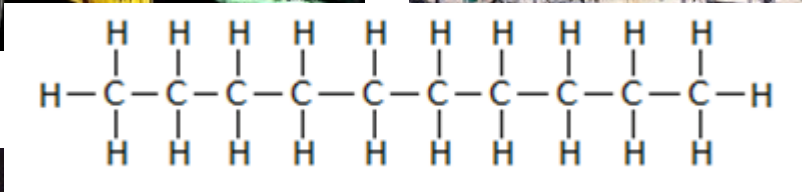


1. Definition/Jurisdiction
 - a) Market Surveillance
 - b) Certification Bodies
 - c) Manufacturer
 - d) Operator
2. Interaction
 - a. Cert. B. \leftrightarrow Manu.
 - b. Manu. \leftrightarrow Oper.
 - c. MS \leftrightarrow Oper.
 - d. MS \leftrightarrow Manu.
 - e. MS \leftrightarrow Insp. B.
 - f. Cert. B. \leftrightarrow Insp. B.

Initiative on Equipment for Explosive Environment



Old and New Industries using Ex-Products



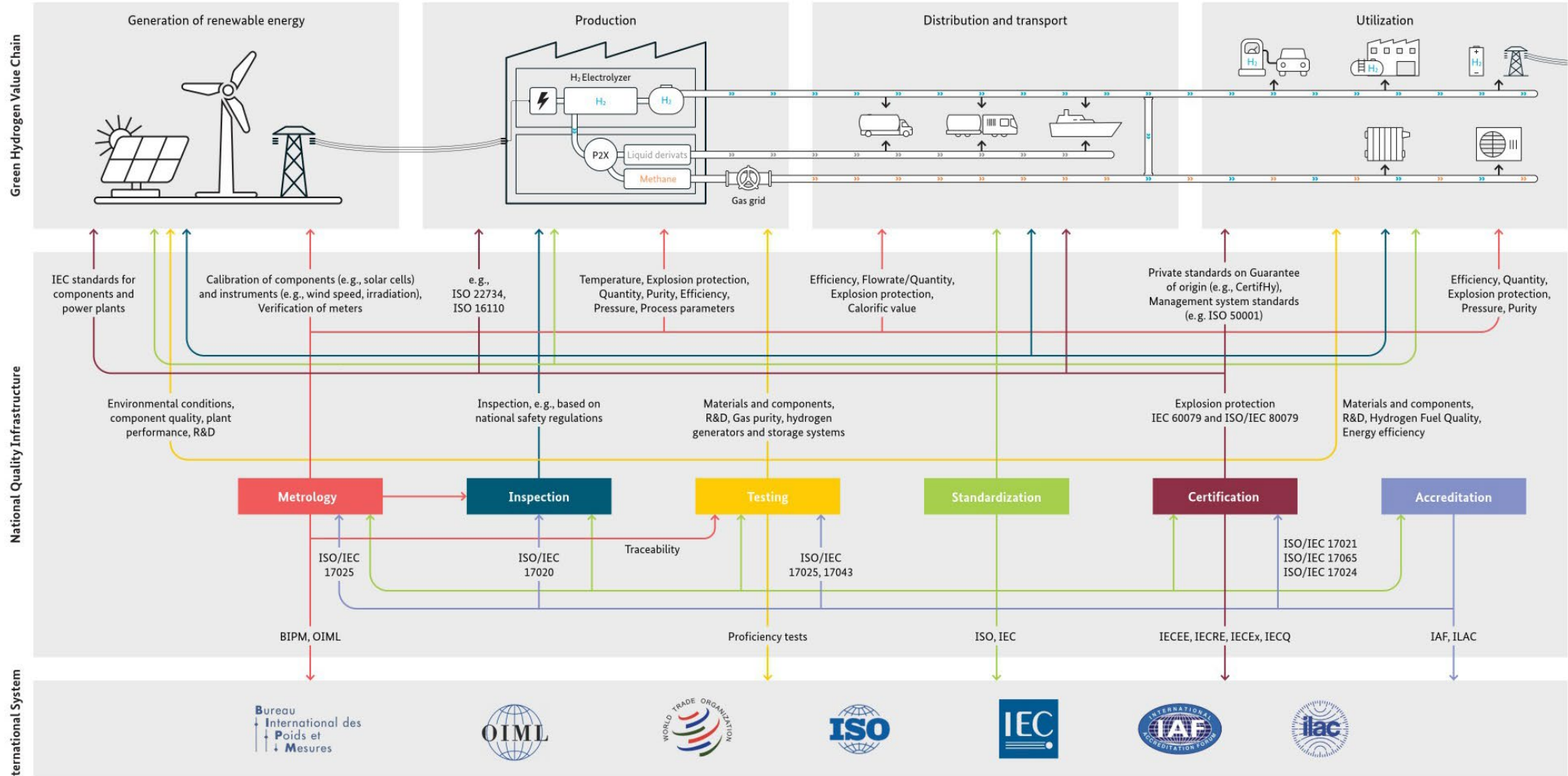
WP.6 Start

New Initiative on Pipeline Safety

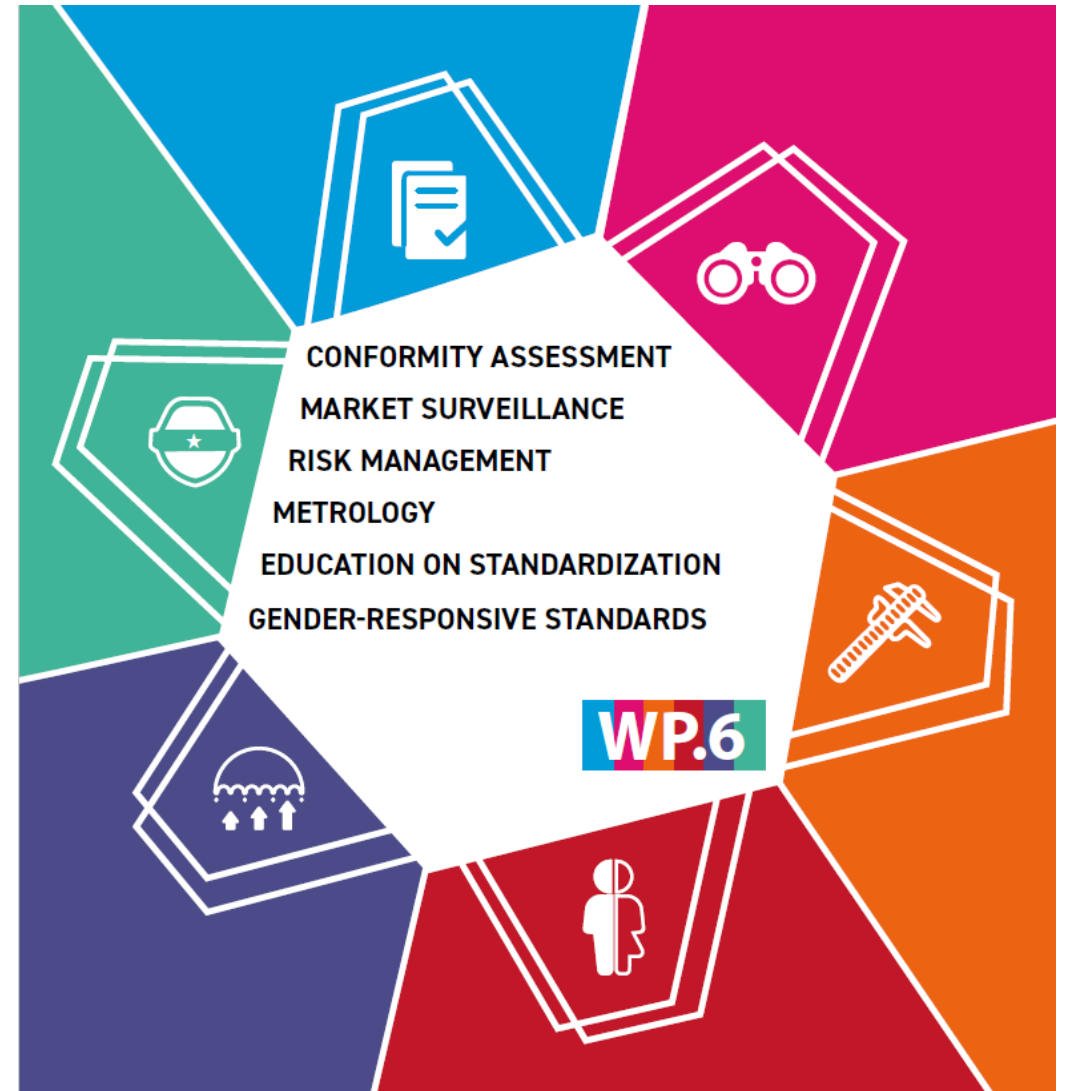


- A new Initiative on Pipeline Safety has started this year
- Project Scope:
 - Preparation of a questionnaire on the application of regulations concerning the transport of hydrogen by trunk pipeline.
 - Analysis of the legislative framework, including national legislation and standards developed for example , within the framework of ISO (TC 67 and TC 197), regulatory documents of the Hydrogen Council, legislation of the EAEU, the EU, US and other countries).
 - Develop guidance for the harmonization of the conformity assessment requirements concerning hydrogen transportation

Quality infrastructure along the Green H₂ Value Chain



Working Party on Regulatory Cooperation and Standardization Policies



Merci ありがとうございました Hvala Ačiū
شكرا جزيلاً Mahalo Дякую Teşekkür ederim
Рахмат Dankon ඔබට ස්තූතියි Sagbol Ευχαριστώ
Tack Çox sağ ol Dziękuję Ci Obrigado
მადლობთ תודה 감사합니다 धन्यवाद Dankon
Natur nuhun Баярлалаа Хвала вам Dankon
Tak skal du have Diolch Хвала вам
Спасибо Go raibh maith agat Faleminderit Paldies
Grazzi Dank je Рахмат сага Faafetai Благодаря ти
Grazie Mulțumesc Ačiū Danke
Gracias 谢谢 සුභආඥා Takk skal du ha
Salamat Aitäh Dankie Þakka þér fyrir
Ви благодарам Dėkuji Köszönöm Дзякуй
धन्यवाद Gràcies Asante
Kiitos

Thank you

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UNECE – Working Party 6
29/May/2024, Singapore