



# **7<sup>th</sup> Meeting of the Sectoral Initiative on Equipment for Explosive Environments**

## **Split**

### **1.Introduction**

### **2.Presentation of various regulatory frameworks**

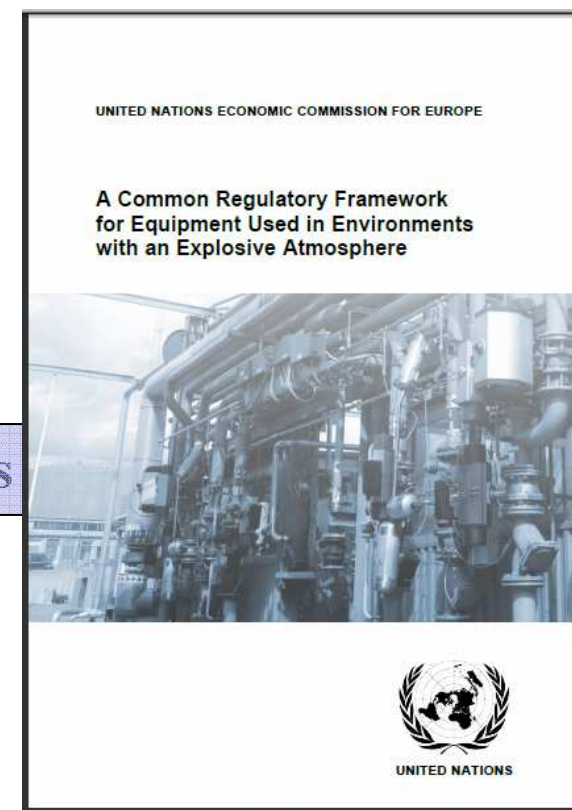
### **3.Panel discussion**

### **4.The way forward**



## Sector Initiative on Equipment for Explosive Environments (SIEEE) *Status Report:*

- ✓ Kick off meeting 2007 in Geneva  
Presentations of the various systems, **Questionnaire**
- ✓ 2008 Paris  
Discussions of the answers of the Questionnaire
- ✓ 2008 Geneva  
Preparation of the **Terms of Reference**
- ✓ 2009 Stockholm  
Discussions about the approach of the CRO
- ✓ 2009 Melbourne  
Preparation of the CRO (proposal)
- ✓ 2009 Geneva  
Presentation of the **Common Regulatory Objectives**
- ✓ 2010 Berlin  
Presentation of the **Workshop-Concept**
- ✓ 2011 Split



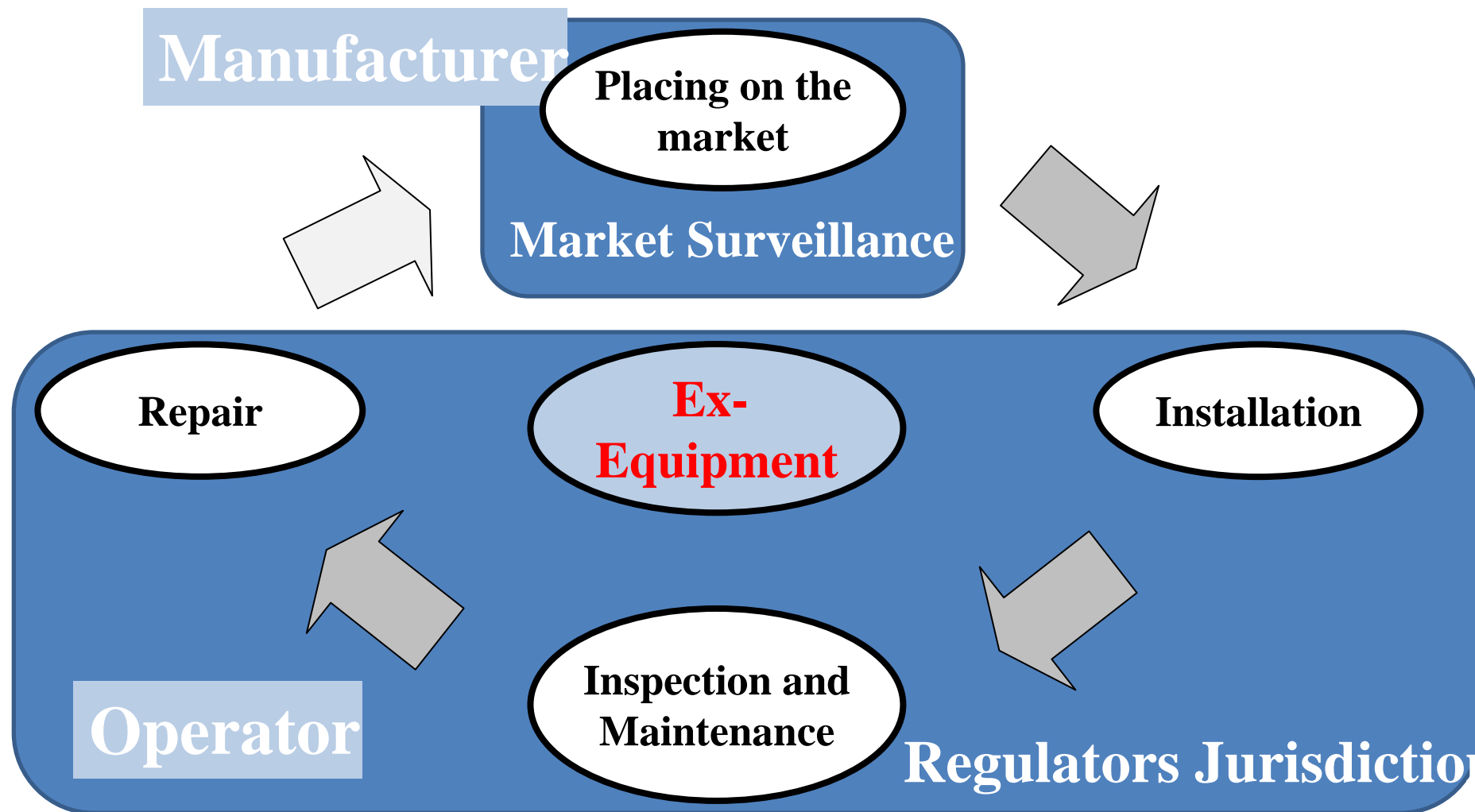


## Intention of the Common Regulatory Objectives (CRO)

- to cover comprehensively all relevant issues in order to achieve an globally accepted safety level
- to provide a global „Best Practice“ model as template for national regulation
- Focus to the main objectives
  - Easy to understand
  - Open for national modifications
- Specify the distributed roles and related responsibilities of the involved parties:
  - Regulator
  - Market Surveillance
  - Certification Body
  - Manufacturer
  - End user
- Open for ongoing maintenance and modification



## Intention of the Common Regulatory Objectives (CRO)



Life cycle approach

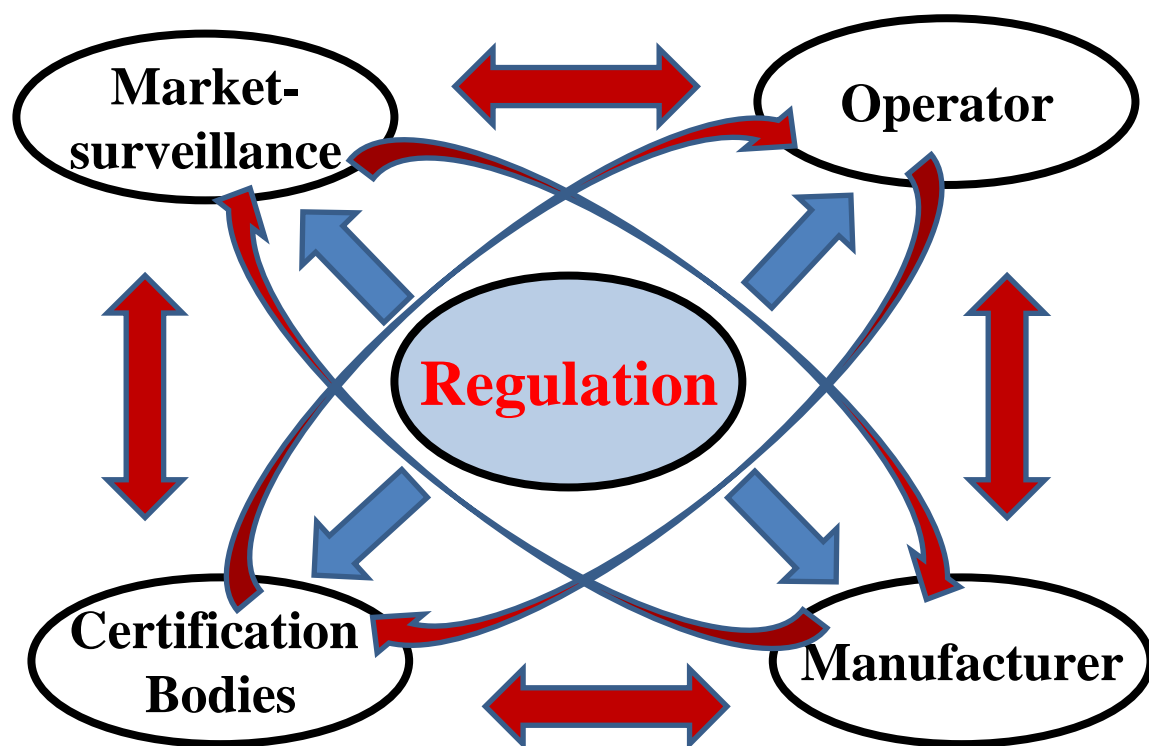


Regulatory Frameworks (15 minutes):

- Australia by Mr. Steve Bentham
- Brazil by Mr. Alfredo Lobo
- European Union
  - Mr. Mario Gabrielli Cossellu
  - Mrs. Ursula Aich, ATEX-Adco
- Russian Federation
  - Mr. Vitaly Grudtsyn
  - Mr. Serguey Myasnikov
- United States by David Chirdon



## Interaction/Relationship within the SIEEE-System

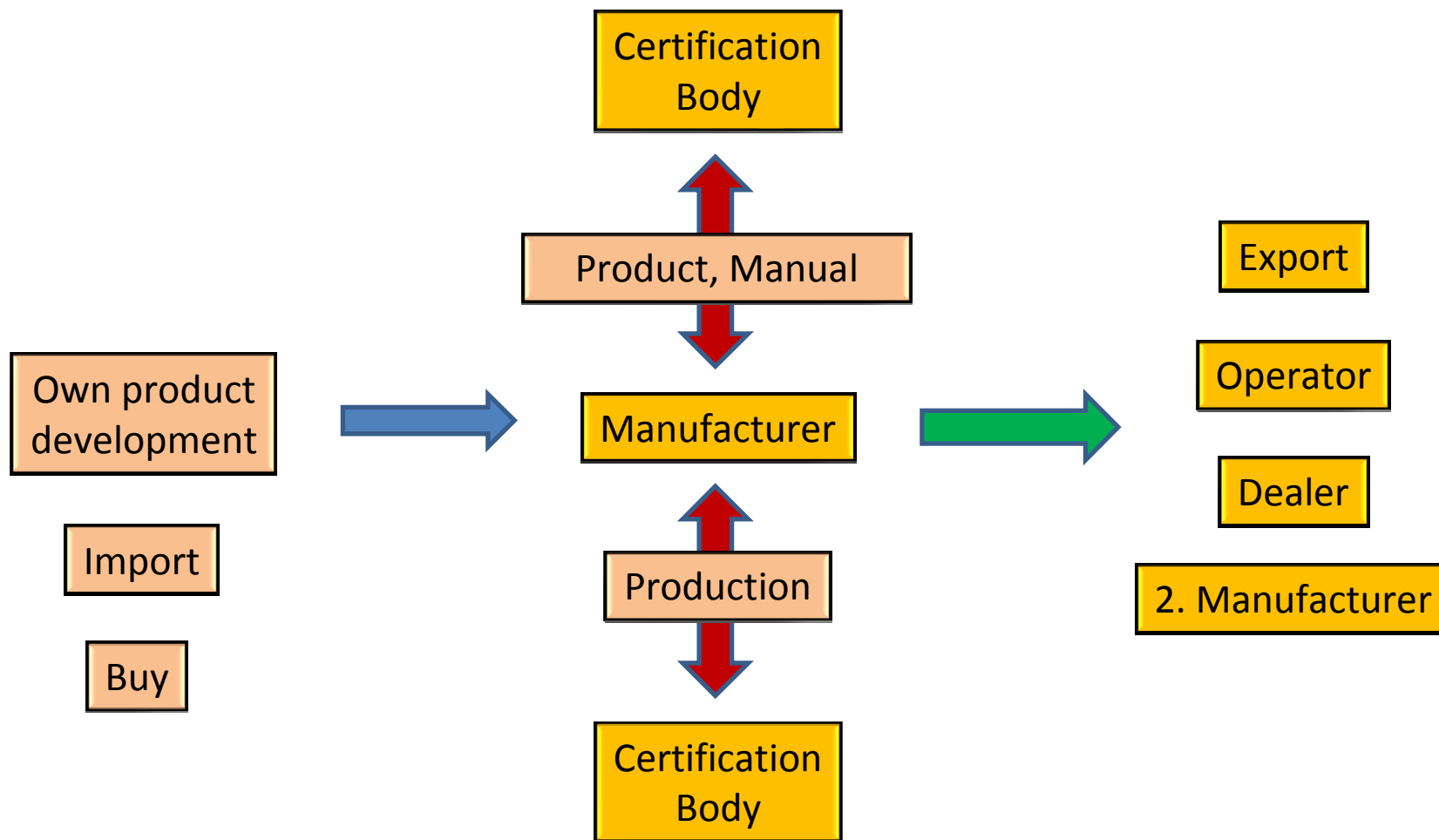


1. Definition/Jurisdiction
  - a) Market Surveillance
  - b) Certification Bodies
  - c) Manufacturer
  - d) Operator
2. Interaction
  - a. Cert. B. ↔ Manu.
  - b. Manu. ↔ Oper.
  - c. MS ↔ Oper.
  - d. MS ↔ Manu.
  - e. MS ↔ Insp. B.
  - f. Cert. ↔ Insp. B.



# Procedure for Manufacturer

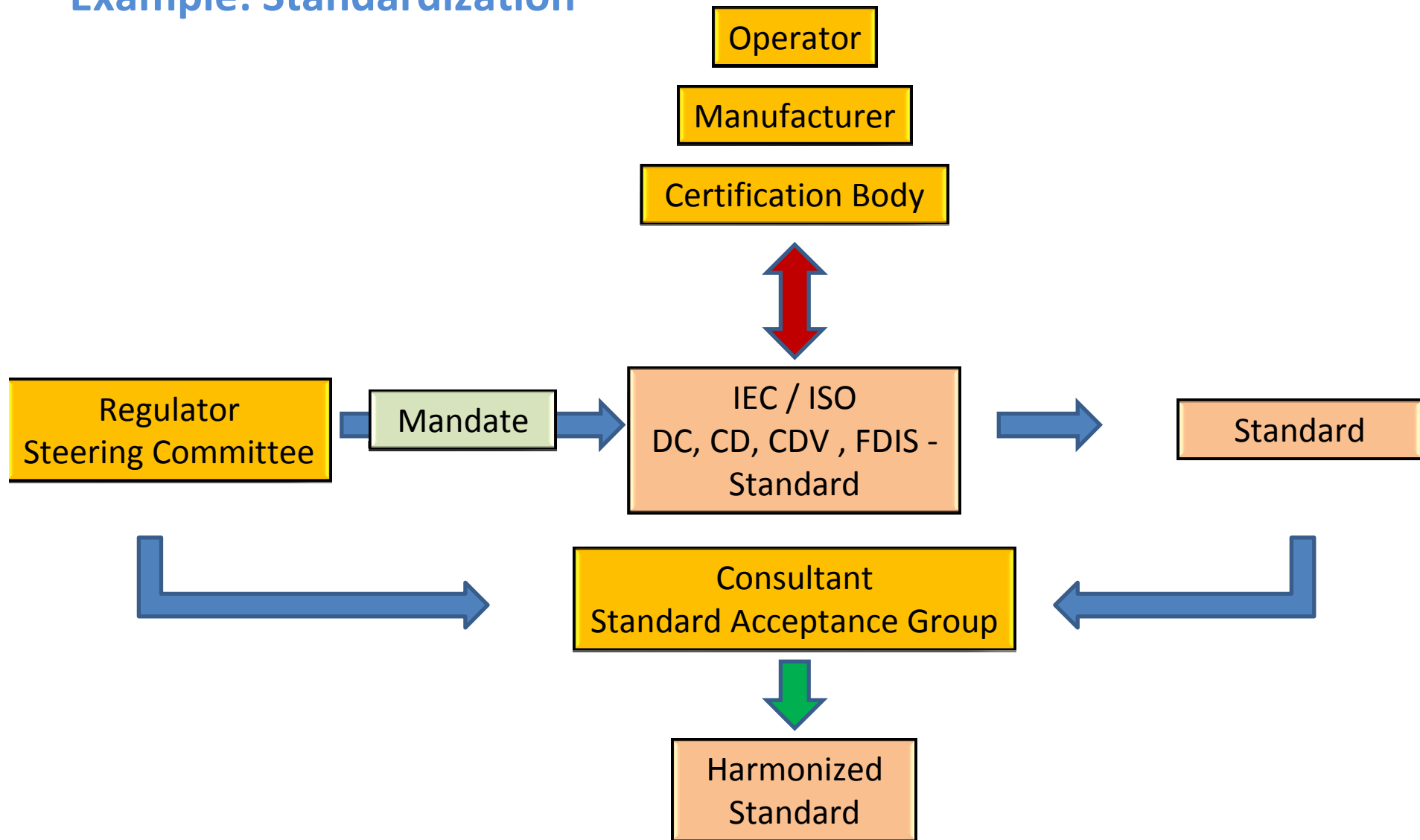
## Example: placing on the market





# Procedure for Regulator

## Example: Standardization

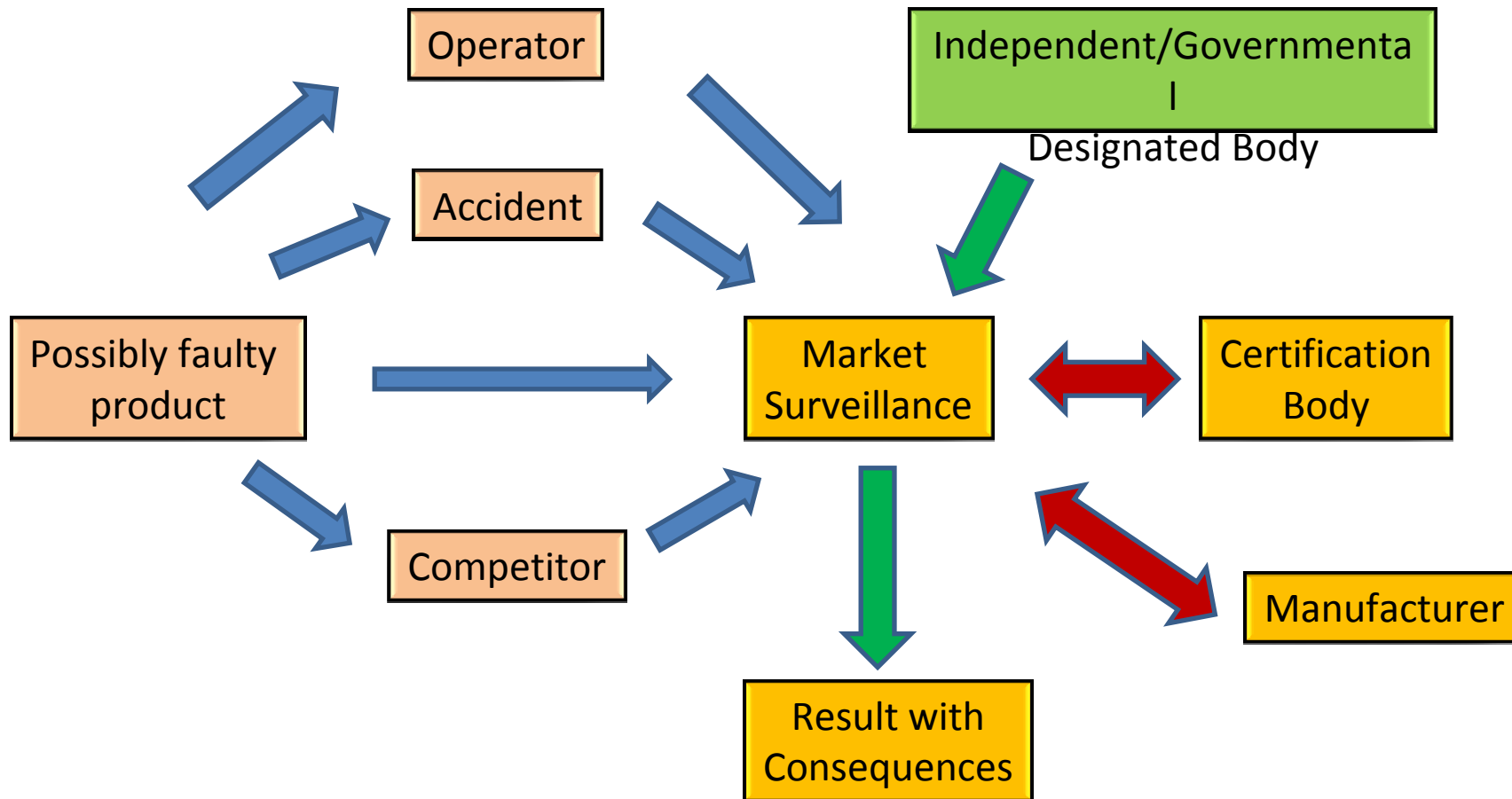






# Procedure for Ex-market surveillance (Ex-GMSP)

## Example: Possibly faulty product





## Guidelines for the Ex-Market Surveillance

### Contents:

1. Introduction:
2. Actions of the MS
  - 2.1 Pro Active
  - 2.2 Reactive
3. Cooperation and Exchange of Experience (with other stakeholder)
  - 3.1 Internet-Platform
  - 3.2 Arbitration Board
  - 3.3 Alert-System
4. Definition of Ex-Products and the boundary conditions
  - 4.1 Zone Concept (Essential Requirements)
  - 4.2 Types of Protection (Applicable Standards)
5. Explanation of the objectives of the surveillance activities (Compliance Criteria)
  - 5.1 Labeling and Conformity Declaration
  - 5.2 Manual
  - 5.3 Technical Inspection
6. List of References



## The workshop idea: Regulators Dialogue Group



### Outputs:

- Comprehensive description of the methodology of the system
- Guidance documents for the various stakeholders (Regulators, Market Surveillance, Manufacturer, Operator, Inspection bodies)



## 46th CIML Meeting

2011

Prague, Czech Republic



### UNECE WP.6 SIEEE A global regulation approach

1. Introduction
2. UNECE WP.6 SIEEE
3. IECEx
4. Conclusion and Discussion

