

# World Association of Nuclear Operators

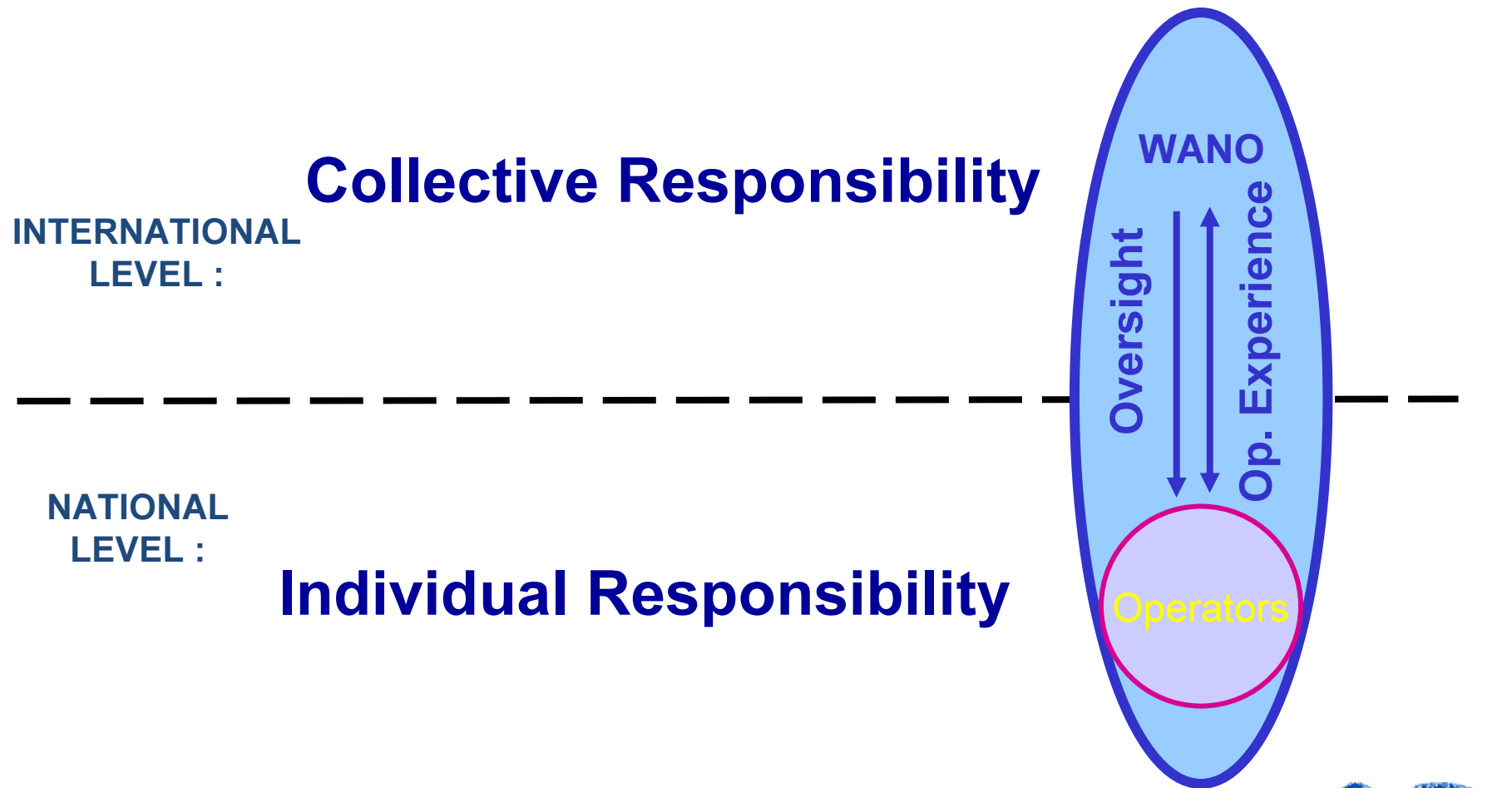


*Strengthening Nuclear Safety, including Emergency Preparedness and Response,  
in the light of the Accident at TEPCO's Fukushima Nuclear Power Stations*

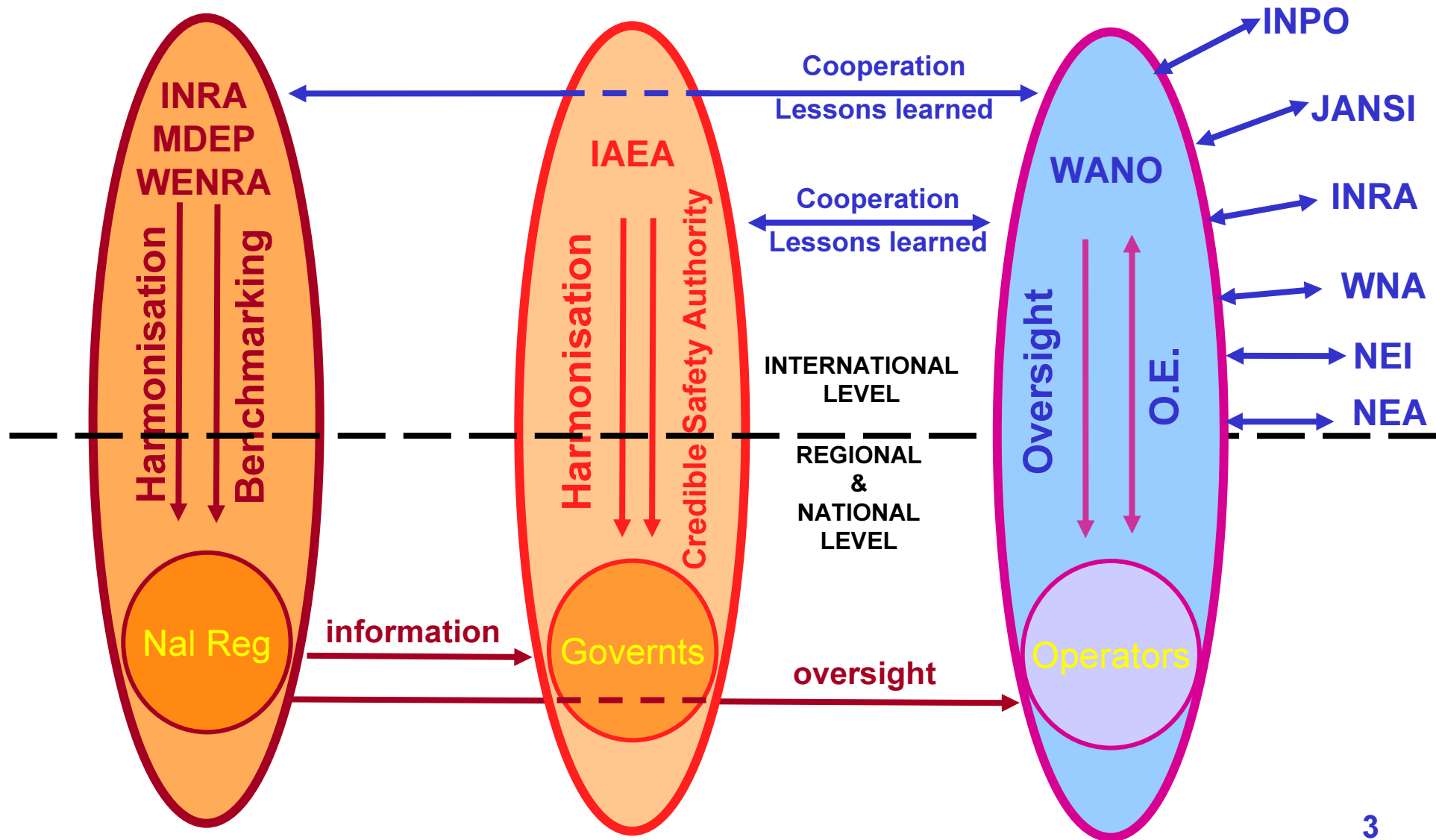
**“A stronger need for safety, a stronger need  
for WANO”**

**Laurent Stricker – Chairman of WANO**

# Nuclear Safety Responsibility



# International Safety Organisation



# International Cooperation



Board of Governors  
General Conference

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## IAEA Action Plan on Nuclear Safety

### Operating organizations

#### Strengthen the effectiveness of operating organizations with respect to nuclear safety

Member States to ensure improvement, as necessary, of management systems, safety culture, human resources management, and scientific and technical capacity in operating organizations; the IAEA Secretariat to provide assistance to Member States upon request.

Each Member State with nuclear power plants to voluntarily host at least one IAEA Operational Safety Review Team (OSART) mission during the coming three years, with the initial focus on older nuclear power plants. Thereafter, OSART missions to be voluntarily hosted on a regular basis.

The IAEA Secretariat to strengthen cooperation with WANO by amending their Memorandum of Understanding to enhance information exchange on operating experience and on other relevant safety and engineering areas and, in consultation with other relevant stakeholders, to explore mechanisms to enhance communication and interaction among operating organizations.



# International Cooperation

## 17/09/12 MoU between the IAEA and WANO



# International Cooperation

## 17/09/12 MoU between the IAEA and WANO

- MOU calls for cooperation in several important areas:
  - ➔ Exchange of peer reviewers
  - ➔ Performance indicators
  - ➔ Coordination in the scheduling of OSART missions and peer reviews
  - ➔ Exchange of some information
    - ✦ WANO access to IAEA events database
    - ✦ IAEA access to SOER recommendations
  - ➔ Coordination meetings twice each year
  - ➔ Coordination during future serious events
- Cooperation with INSAG
  - ➔ WANO is a participant at all INSAG meeting
  - ➔ WANO will work closely with INSAG on an IAEA Fukushima report





# STRONGER NEED FOR WANO

## Shenzhen 2011 BGM Decisions

1. *Expand the scope of WANO programmes (EP, SAM, fuel pool and fuel storage and some aspects of the design)*
2. *Promote and implement a worldwide, integrated nuclear industry event response strategy*
3. *Improve WANO's credibility (quality of peer reviews, assessment or grading process, CEO engagement, four year peer review frequency, corporate peer reviews, pre startup reviews)*
4. *Greater Visibility & Transparency*
5. *Internal consistency*



# STRONGER NEED FOR WANO

## WANO Action Plan

- Add to the scope of WANO activities :
  - ➔ Emergency Preparedness
  - ➔ Severe accident management
  - ➔ on-site fuel storage
  - ➔ safety design aspects
- Implement an emergency response plan
- Implement a real time event reporting strategy
- Increase WANO PR frequency to once /4 years
- Implement a WANO assessment or grading process





# **STRONGER NEED FOR WANO**

## **WANO Action Plan**

- Conduct a corporate review of every member within 6 years
- Peer Review Equivalency (including OSART)
- Improve WANO Visibility & Transparency
- Implement a WANO self assessment (4 Regions & London office)



# **STRONGER NEED FOR WANO WANO's "Tailor made" Reviews**

- Implementation of Shutdown reviews
- Implementation of Restart reviews



# **STRONGER NEED FOR WANO**

## **Conclusion**

Risk of loss of trust by the public

Risk of loss of trust by nuclear workers

Risk of isolationism of some Operators  
either small or large utilities !

Risk of complacency & over confidence  
of some Operators



# **STRONGER NEED FOR WANO**

## **Conclusion**

Safety is necessary to recover the trust

Individual & collective responsibility

Safety is as strong as the  
weakest Operator

→ WANO has a vital role to play in  
addition with  
other organisations



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**W A N O**

<http://www.wano.info>