



# International Nuclear Services

# Emergency Response Without Borders

*A J Bacon – INS*

*PATRAM 2010*

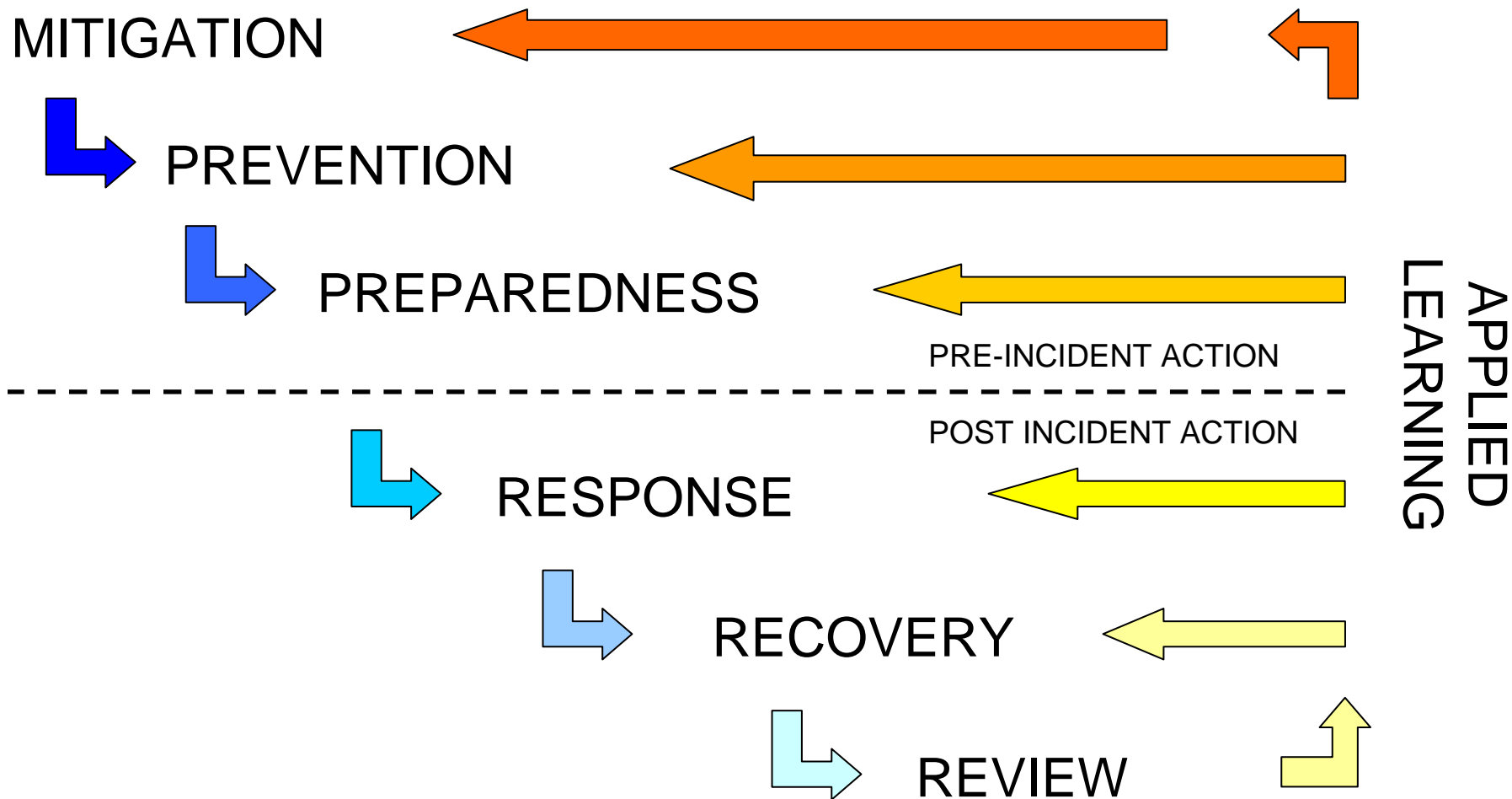


International  
Nuclear Services

# Needs / Solutions

- Needs
  - World Wide Transport Operations.
    - Distance / Time / Location.
  - Meet Regulatory Requirements. IAEA TS-G-1.2 (ST-3).
  - Meet Stakeholder Expectations.
  
- Solutions
  - Embedded Processes.
  - Mature Procedures.
  - Skilled Personnel.
  - Suitable Dedicated Equipment.
  - Pre-contracted Partners / Service Providers.

# Integrated Emergency Management Cycle



# Training / Exercising

- Exercising and Training are integral parts of the INS Emergency Response System.
- Exercise Schedules and Training Matrices.
- Incorporating:
  - Procedures.
  - Communications.
  - Equipment.
  - Personnel.
  - Partner Supply Chain.
- Exercise Techniques:
  - Desk Top.
  - Single Team.
  - Multi-Agency.



# Exercise Examples

Desktop – IAEA, Maritime Meeting in Vienna. 2007.

- Fiji
  - Total travel time: 28hr 25min
  - Time from first receipt of call to arrival Fiji: 31hr 35min.
- Kiribati
  - Total travel time: 38hr 50min
  - Time from first receipt of call to arrival Kiribati: 42hr

No Notification Call-out –INS, Marine Terminal, Dunkirk.

- Initial callout to dispatch:
  - Team 1 – 1hr 20mins
  - Team 2 – 1hr 55mins
- Initial callout to take off:
  - Team 1 – 6hr 25mins
  - Team 2 – 3hr 55mins



# Future Challenges

- Support the Change in Business Transport Activities.
- Meet Changing Regulation / Expectation.
- Further Improvement of Current Processes and Build Resilience.
- The Incorporation of New Technologies.
- Strengthening of Partnering Relationships.

Thank you, any questions?

