MANAGING NATECH ACCIDENT RISK: A JOINT OECD/UN/EC JRC GUIDE FOR SENIOR LEADERS IN INDUSTRY AND PUBLIC AUTHORITIES
OECD Project on Natech

- Under the **leadership of Germany** & initiated in 2008;
- In cooperation with the UNECE, EC Joint Research Center, the UNEP/OCHA Joint Environment Unit;
- Goals:
  - Investigate the specificities of Natech for the prevention, preparedness and response to chemical accidents,
  - Exchange experience across countries (e.g. good practices, lessons learnt from Natech accidents), and
  - Provide guidance on Natech risk management.
OECD Natech Steering Group

- Colombia,
- Czech Republic,
- France,
- Germany (lead country),
- Japan,
- Netherlands,
- Norway,
- Switzerland,
- United Kingdom,
- United States,
- Business at the OECD (BIAC),
- EC - JRC,
- ILO,
- Joint UNEP/OCHA Environment Unit,
- UNECE,
- European Environmental Bureau (EEB).
1. What is Natech?
2. The causes and consequences of Natech accidents
3. What makes the management of Natech risk so special?
4. How are Natech risks managed?
5. Natech risk management: examples of international support and transboundary cooperation

• Joint OECD/UNECE/EC JRC Guide
• Draw attention to senior leaders in industry & public authorities to the risk of Natech,
• Provide high level guidance on how to approach and manage this risk,
• Help support:
  ✓ a high level of commitment for the governance of Natech risk,
  ✓ long term sustainable development at hazardous installations, including as a response to climate adaptation.
Organised around three questions:

1. What should I do as a leader to ensure good governance of Natech risk?

2. How do I gather and organise the capabilities and competences to do it?

3. How do I ensure my organisation continues to adapt to a changing environment?
Draft Outline of the Guide

1. Natechs and Leadership
2. The Importance of Natech Prevention & Preparedness – A Leaders’ Perspective
3. Risk Awareness & Governance: Understanding Vulnerabilities and Risks
4. Preventing Natech Accidents
   • Natural Hazard Mapping
   • Risk Assessment
   • Siting and Land-Use-Planning
   • Design and Construction
   • Adaptation to Changes in the Climate
   • Learning from Past Accidents
5. Emergency Preparedness and Response
   • Emergency Plans
   • Early Warning Systems
6. Leadership of a Multidisciplinary Team
7. International and Transboundary Considerations
8. Self Assessment Checklist
Timelines

• Text currently being drafted by the Steering Group;

• First draft of the Guidance available for review at next OECD Working Party on Chemical Accidents meeting in October 2023;

• Publication planned in 2024.