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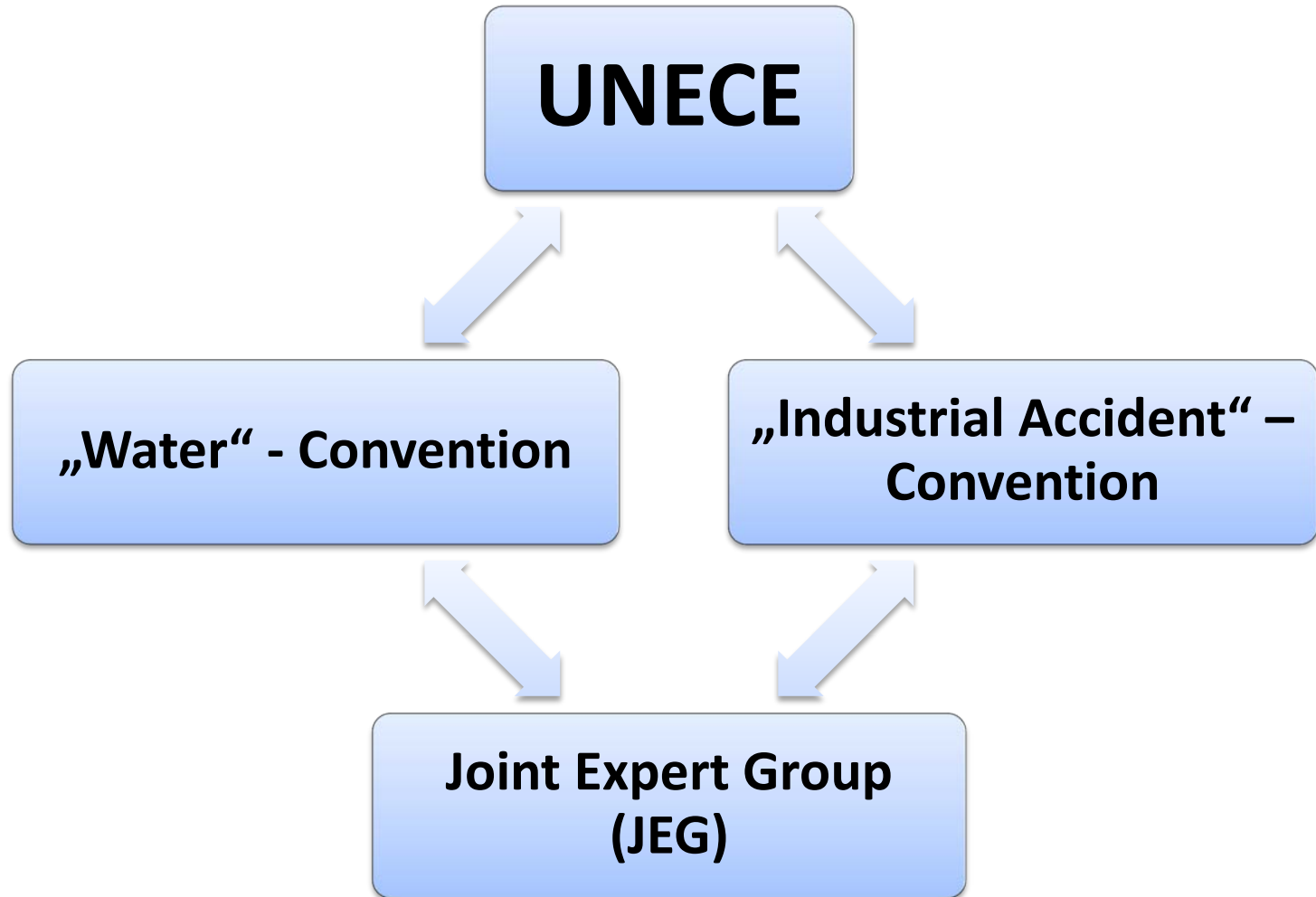
Federal Environment Agency

Dessau, Germany



The UNECE Joint Expert Group (JEG)

Prevention of accidental water pollution



Why JEG is important ?

Lessons learnt!

- Even small amounts of dangerous substances released into **waters**, can cause huge environmental damages, as the impact is far-reaching and often transboundary

→ **Water Accidents > 95 % of all transboundary accidents !!**

Water and IAs Convention provide the legal framework for addressing the risk of transboundary water pollution arising from IAs

JEG Biennium 2015 -2016

JEG → 9 Members:

Belarus; Czechia; Germany (Co-Chair);
Hungary (Co-Chair); Kazakhstan; Kyrgyzstan;
Romania; Serbia and Sweden

- 4 JEG Meetings; 2 Int. Workshops
- 2 JEG Side Events to the MoP and CoP
- Development of Checklists for
 - Contingency Planning
 - Tailings Management Facilities

JEG Strategy

- A minimum set of requirements to ensure a basic and harmonized level of safety for hazardous activities throughout the UNECE Region
- Application of accepted good practice procedures to ensure conformity with international standards
- Assistance of national authorities and operators in ensuring an adequate safety level by means of trainings and seminars

→ Tools & Products → Safety Guidelines & Checklists

JEG - Tools and Products

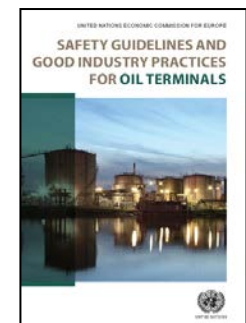
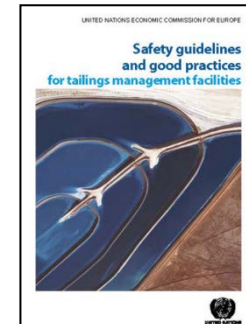
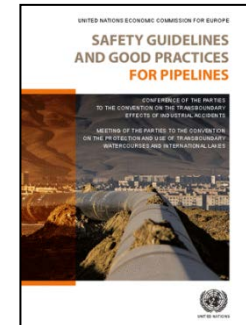
→ Safety Guidelines

Accepted Good Practice Procedures to ensure Conformity with International Standards

→ Pipelines

→ Tailings Management Facilities

→ Oil-Terminals



JEG - Tools and Products

→ Checklists

Tools for Assistance (i.e. Training) of national authorities and operators in ensuring an adequate Safety Level

→ Waterendangering Facilities

→ Hazardous Industries (Seveso)

→ Contingency Planning

→ Tailings Management Facilities

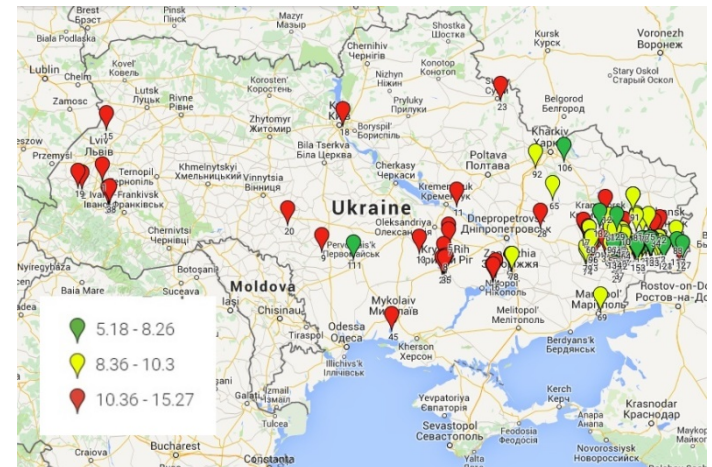


Pilot Project: TMF in the Ukraine

Results:

- Inventory of 153 TMF sites
- Checklist for TMF
- Tailing Hazard Index (THI)

→ Checklist and THI are
tools for the whole
UNECE Region



JEG Workplan 2017 -2018

(please see JEG informal document)

- 1. Cooperation with Universities „Raising the knowledge to the Safety of TMF“**
- 2. Safety of TMF in the Caucasian Region**
- 3. JEG Cooperation with the International Commissions for the Protection of the Odra and Danube River**
- 4. Safety Guidelines for Fire Water Retention**

1. Cooperation with Universities „Raising the Knowledge to the Safety of TMF“

→ Follow-Up Project in cooperation with the National Mining University, Dnipropetrovsk, Ukraine

- Practical Training of Students with the Checklist-Methodology on the Safety of TMF
- Elaboration of an Online Training Tool
- Checklist-Methodology becoming integrating part of the curricula
- International Workshop „Safety of TMF“, Dnipropetrovsk, 17/18 May 2017

2. Safety of TMF in the Caucasian Region

- **Follow-Up Project in cooperation with Georgia and Armenia**
 - Practical Training of Inspectors and operators with the Checklist-Methodology on the Safety of TMF
 - Proposal for the Legislative Implementation
 - TMF Risk-Inventory

3. JEG Cooperation with the International Commissions for the Protection of the Odra and Danube River

→ **Transboundary Exercise at the Danube River (May 2017, Hungary)**

→ **German - Polish Transboundary Exercise**

- Practical Response Exercise at the Odra River
(Polish and German Fire Fighters)

- Table Top Exercise - testing the International Warning- and Alert System for the Odra River

→ **International Workshop, 5th September 2017**

„Strategies for Fire Water Retention“, Slubice, Poland

4. Safety Guidelines for Fire Water Retention

Conclusion after the Joint UNECE Seminar to the 25th anniversary of the Sandoz accident:

- Sufficient safety measure to prevent waters from spills of fire water are still not in place, endangering whole River Catchments, and demonstrating the need for a Strategy/Guidance to Fire Water Retention!



Workplan 2017 -2018

→ **International Expert Group to draft the JEG Safety Guidelines/Best Practices for Fire Water Retention**

Work-Schedule:

- 1st Meeting: 17 January 2017, Geneva
- 2nd Meeting: June 2017, Berlin
- International Seminar Slubice, 5th September 2017
„Strategies for Fire Water Retention“ - discussing the draft with the participants
- 10th CoP, 2018 – Guidance to be agreed by the Parties

Summary ongoing Activities

- **Response Exercises**
 - Danube, Hungary (May, 2017)
 - Odra, Germany/Poland (September, 2017),

- **Raising knowledge at Universities**
(NMU, Dnipro, – Final Workshop, May, 2017)
 - On-line training methodology

- **On-site Trainings (TMF) in Georgia, Armenia 2017**
Caucasus Region (authorities and operators)

- **Guidance for Fire Water Retention**

Never again!



Thank you for Listening!