


Technical meeting to prepare for the on-site training in Tajikistan and to enhance capacity for governance and policy-making on tailings safety in Central Asia, 23 April 2021

A stylized sun graphic consisting of a large yellow circle with several shorter yellow dashes of varying lengths radiating from its top-left edge, set against an orange background.

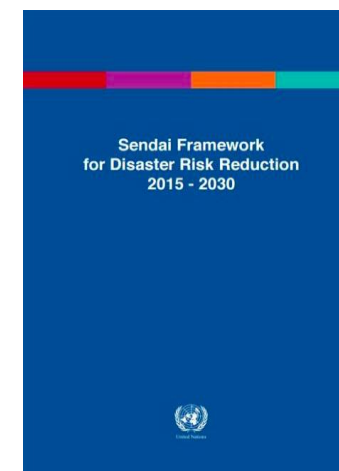
The bigger picture: Strengthening governance and policy-making for mine tailings safety and disaster risk reduction

*Ms. Franziska Hirsch,
Secretary,
UNECE Industrial Accidents Convention*

UNECE Industrial Accidents Convention, the Sendai Framework for DRR and the SDGs

Overall vision of the Industrial Accidents Convention until 2030:

“Significantly increase industrial safety and reduce the risk of technological disasters by ensuring its full implementation, its wide recognition as a legal instrument for risk reduction under the Sendai Framework and its contribution to achievement of the Sustainable Development Goals”



Sendai Framework for Disaster Risk Reduction Priorities for Action

&

Industrial Accidents Convention

1. Understanding disaster risk

Encouraging Parties to identify potentially hazardous activities to be able to target preventive measures, preparedness and response.

2. Strengthening disaster risk governance to manage disaster risk

Providing a governance mechanism for regional cooperation to address transboundary disaster risk reduction.

3. Investing in disaster risk reduction for resilience

Promoting investments in preventive measures, which cost less than remedying the consequences of disasters.

4. Enhancing disaster preparedness for effective response and to "Build Back Better" in recovery, rehabilitation and reconstruction

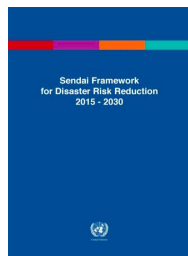
Ensuring preparation, review and periodical update of disaster preparedness and contingency policies, plans and programmes.



Global Assessment Report
on Disaster Risk Reduction

2019

“Initially developed for the European region ..., the approaches and experience [under the Industrial Accidents Convention] offer insights to countries pursuing Sendai Framework commitments in technological disaster risk management”



Sendai Framework



Industrial Accidents Convention

Expected outcome:

- **Substantial reduction of disaster risk and losses** in lives, livelihoods and health and in the economic, physical, social, cultural and environmental assets of persons, businesses, communities and countries.

Goal:

- **Prevent new and reduce existing disaster risk** through the implementation of integrated and inclusive **economic, structural, legal,educational, environmental, technological, political and institutional measures** that prevent and reduce hazard exposure and vulnerability to disaster, increase preparedness for response and recovery, and thus **strengthen resilience**.

Overall vision:

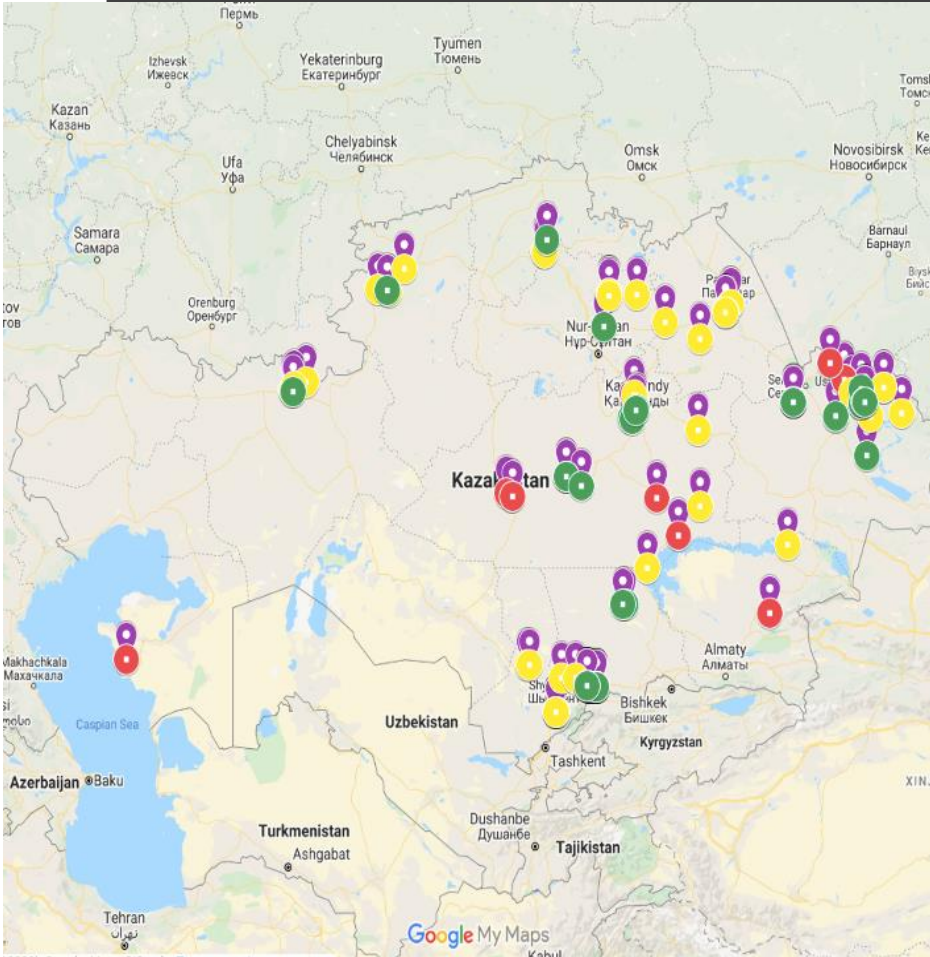
- Significantly **increase industrial safety and reduce the risk of technological disasters** by ensuring its full implementation

Goal:

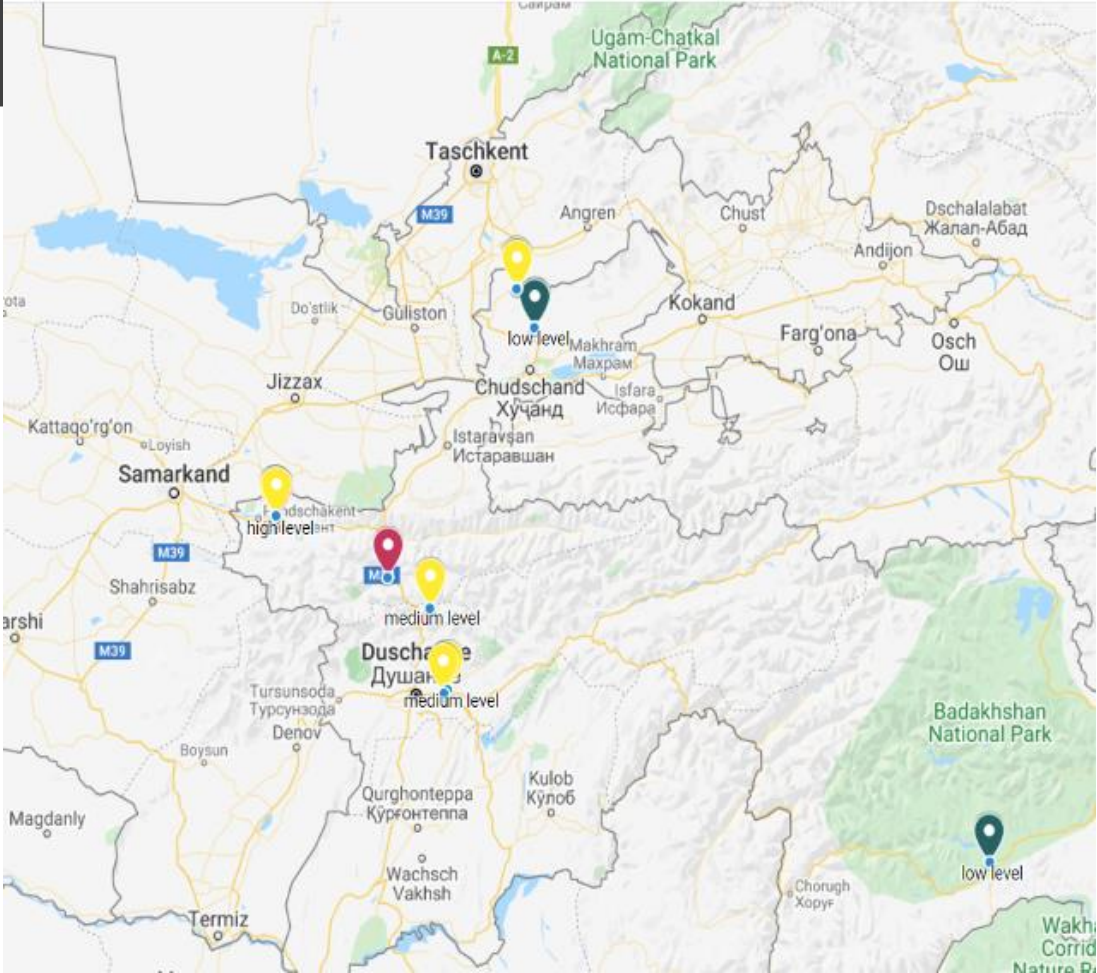
- **Safely manage hazardous activities** - installations holding chemical substances, such as TMFs
- **Reduce technological disaster risk**, incl. such risks exacerbated by climate change (NaTech events), urbanization, etc.
- **Mitigate exposure** of people, the environment, infrastructure; **reduce vulnerabilities**
- **Strengthen resilience**

Understanding Disaster Risk - Mapping TMF

Hazard map of TMFs of Kazakhstan



Hazard map of TMFs of Tajikistan

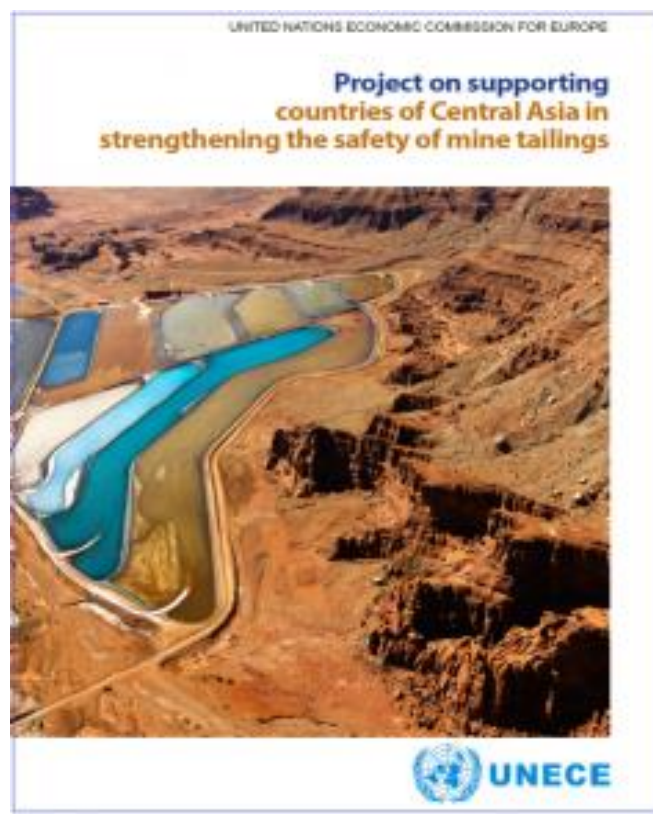


Hazard level

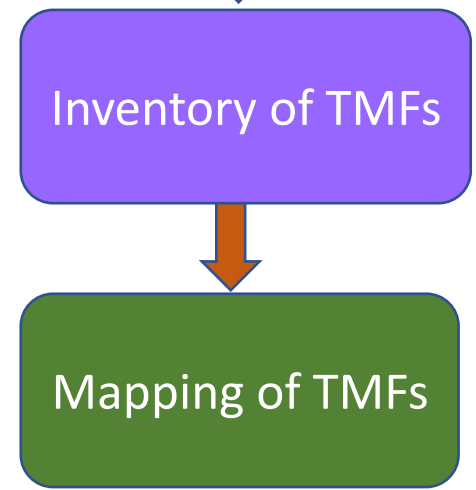
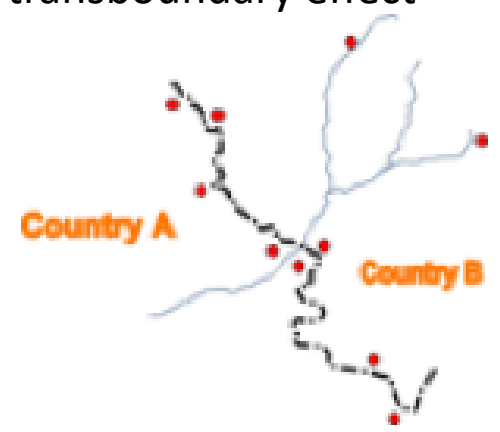
-  medium level
-  low level
-  high level



Mapping of TMFs in Uzbekistan



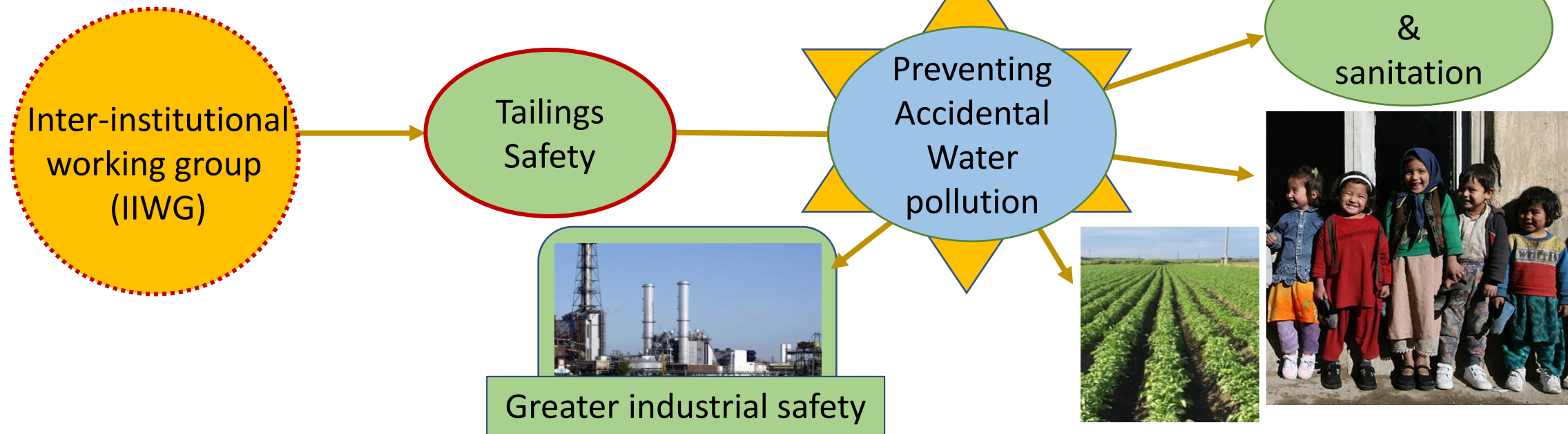
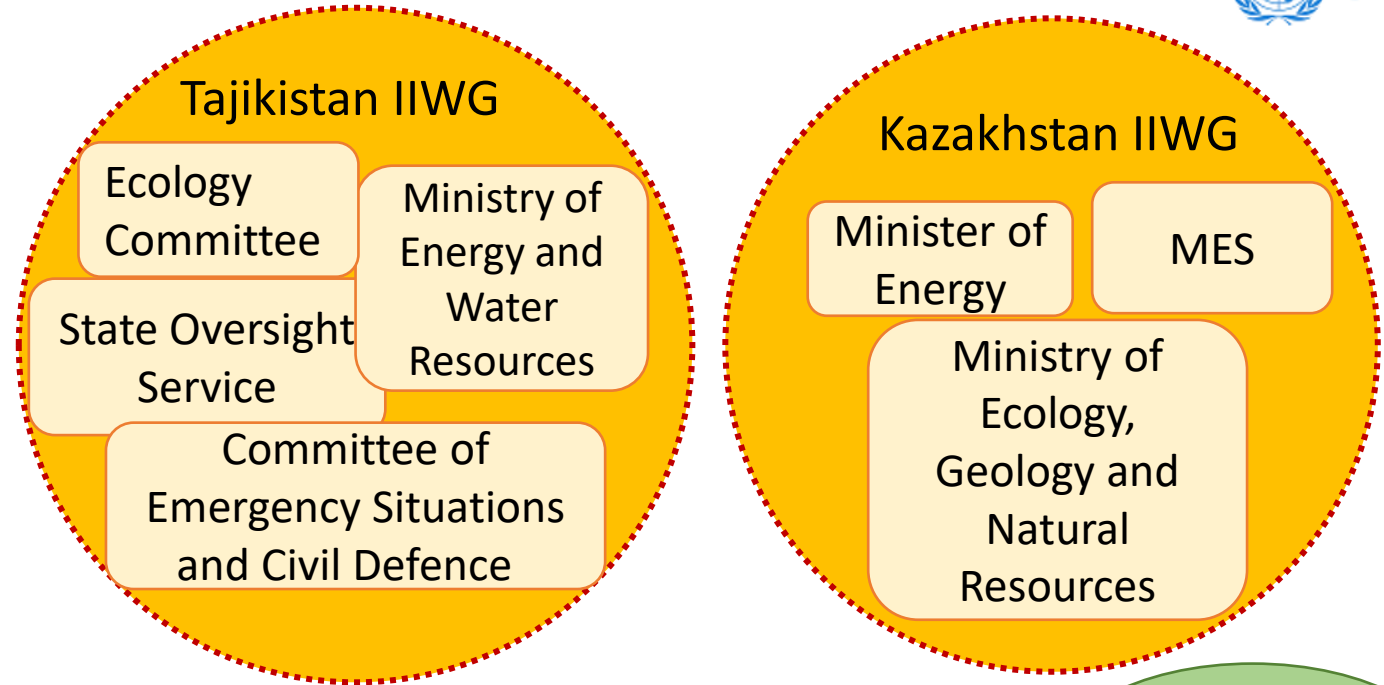
Incl. TMFs with a transboundary effect



Strengthening disaster risk governance

Understanding disaster risk is a prerequisite for **disaster risk governance**

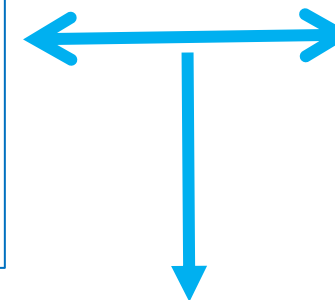
Working **across institutions** and **actors** for intersectoral cooperation



Strengthening disaster risk governance

- **Multi-hazard DRR strategies** that address all risks, including **technological (industrial/chemical)**, natural, environmental, biological and other hazards
- **Involve** relevant national authorities, including those in charge of DRR, emergency coordination, internal affairs, state inspections, environmental protection, etc.
- **Make reference, in national DRR strategies to existing legal agreements and commitments** to implement them, incl. Industrial Accidents Convention, National SAs and Aps, EPRs,

National and local disaster risk reduction strategies (Target E)



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National Self-assessments and Action Plans



Convention Transboundary Industrial Accidents

Конвенция о трансграничном воздействии промышленных аварий с поправками от 19 марта 2008 года



Environmental Performance reviews



Thank you for your attention

For more information please contact
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