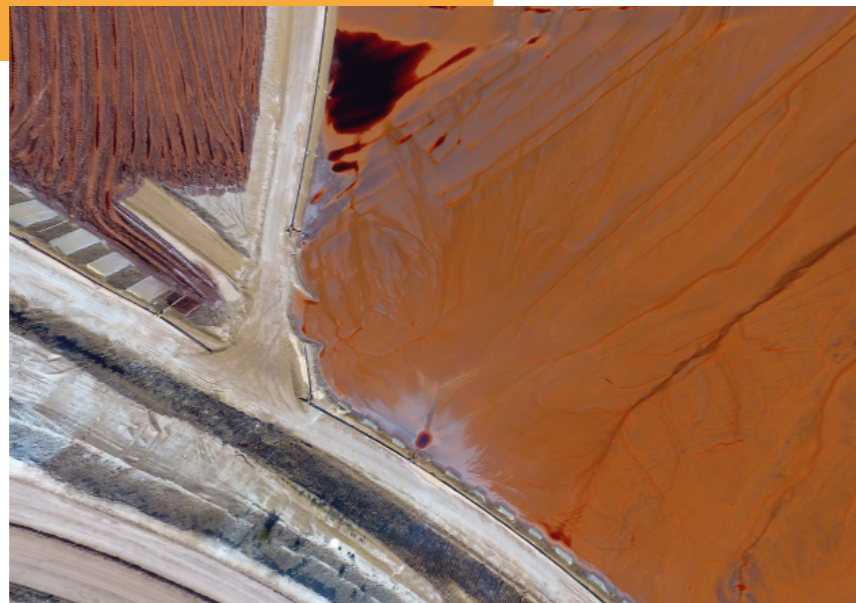


Objectives of the workshop

- Establishing an inter-ministerial working group on water management and TMF safety to initiate the implementation of the project and to agree on national priorities
- Enhance the expert knowledge and administrative capacity of Kazakhstan to reduce water-related risks
- Provide a forum for discussion for the representatives of national authorities to improve institutional coordination regarding TMF safety and industrial accident prevention, preparedness and response
- Support Kazakh competent authorities in identifying and rating TMFs with regard to their hazard for human health and the environment, with a focus on facilities, which may cause transboundary pollution
- Strengthen knowledge about international Conventions and relevant guidance materials in the field of chemicals and waste management to improve the management of mining tailings
- Enhance water management and to reduce related risks for the sake of strengthen the implementation of the UNECE Industrial Accidents and Water Conventions to
- Support Kazakhstan in the implementation of the recommendations arising from the UNECE Environmental Performance Reviews (EPRs), namely that "a broad programme for the management of existing mining tailings, including hazardous and radioactive tailings, should be developed, financed and implemented"



Astana,
Kazakhstan
(Hotel Grand Park Esil)

Co-organized by the UNECE Convention on the Transboundary Effects of Industrial Accidents and the Government of Kazakhstan

7-8 NOVEMBER
2018

Inception Workshop of the Project to strengthen the safety of mining operations, in particular tailings management facilities (TMFs) in Kazakhstan and beyond in Central Asia

Provisional agenda
(as of 1 Nov 2018)



The Project aims to strengthen the safety of Tailings Management Facilities (TMFs) and contribute to improvement of institutional and administrative structures and cooperation mechanisms in Kazakhstan and other Central Asian countries. The UNECE Safety Guidelines and Good Practices for TMFs and the related TMF methodology will help to identify hot spots in the region and subsequently improve the management of these facilities. The participants will have the opportunity to establish contacts and engage in the workshop, which will be held in Russian with simultaneous interpretation into English.

More information on the project is available at: <http://www.unece.org/environmental-policy/conventions/industrial-accidents/areas-of-work/assistance-programme/envteiaapimplementation/pilotproject.html>

In addition to the organizers, the organization of this workshop has been financially supported by Germany.



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Agenda – Day 1 (7 November 2018), 09:30 – 17:00

Registration of participants / Welcome coffee: 09:00 – 09:30

SESSION 1

09:30 – 14:00	Setting the scene: International instruments and guidance materials <i>Session Chair: Representative of Kazakhstan</i>
09:30 – 09:45	Welcoming statements by representatives of Kazakhstan, Switzerland and UNECE <i>Chair or Deputy Chair of the Committee for Industrial Development and Industrial Safety of Kazakhstan</i> <i>Chair of the UNECE Water Convention, Kazakhstan</i> <i>Ambassador of Switzerland to Kazakhstan and Tajikistan (tbc)</i> <i>UNECE representative</i>
09:45 – 10:00	Introduction of participants <i>Session Chair</i>
10:00 – 10:10	Setting the scene: UNECE Pilot project on improving tailings safety, in Kazakhstan and beyond in Central Asia, and introduction to the workshop <i>Ms. Claudia Kamke, UNECE Industrial Accidents Convention</i>
10:10 – 10:20	The UNECE Convention on the Transboundary Effects of Industrial Accident and its work on tailings safety <i>Ms. Claudia Kamke, UNECE Industrial Accidents Convention</i>
10:20 – 10:35	Preventing accidental water pollution through the UNECE Water and Industrial Accidents Conventions and their Joint Expert Group <i>Mr. Gerhard Winkelmann-Oei, German Federal Environmental Agency, Co-chair of the Joint Expert Group on Water and Industrial Accidents</i>
10:35 – 10:45	Q&A
10:45 – 11:15	Coffee / tea break
11:15 – 11:25	Presentation of the Tailing Hazard Index, its testing and application in Ukraine <i>Mr. Dmitry Rudakov, Dnipro University of Technology, Ukraine</i>
11:25 – 11:45	Presentation of the regional project "Assistance in safety improvement of tailings management facilities (TMF) in Armenia and Georgia" <i>Ms. Kristine Sahakyan, NGO "Eco Peace", Armenia</i>
11:45 – 12:00	Q&A
12:00 – 12:15	Safety is no accident: Work on TMFs and relevant guidance materials to improve the management of mining tailings by UNEP and the Minamata Convention secretariat (remotely, via Skype) <i>Ms. Kristina Thygesen, GRID-Arendal, Norway, UNEP</i>
12:15 – 12:30	TMF safety and the prevention of accidental water pollution in the context of the Sendai Framework for Disaster Risk Reduction <i>Mr. Pavel Danihelka, Technical University of Ostrava, Member of the Joint Expert Group on Water and Industrial Accidents, Czechia</i>
12:30 – 12:45	Q&A and wrap-up by the Session Chair
12:45 – 14:00	Lunch

SESSION 2

14:00 – 17:00	TMF management and lessons learned from tailings accidents in the UNECE region, including in a transboundary context <i>Session Chair: Mr. Pavel Danihelka, Technical University of Ostrava, Member of the Joint Expert Group on Water and Industrial Accidents, Czechia</i>
14:00 – 14:20	Overview of different TMF accidents in the UNECE region and key lessons learned from them <i>Mr. Pavel Danihelka, Technical University of Ostrava, Member of the Joint Expert Group on Water and Industrial Accidents, Czechia</i>
14:20 – 14:40	TMF safety and management following the Baia Mare accident (2000) – Lessons learned and Good Practices (remotely, via Skype) <i>Mr. Zoltan Torok, Babes-Bolyai University, Member of the Joint Expert Group on Water and Industrial Accidents, Romania</i>
14:40 – 14:55	Q&A
14:55 – 15:15	Situation of TMF safety and management in Kazakhstan – legislation, challenges and lessons learned from the Ridder TMF accident (2016) <i>Representative of Kazakhstan</i>
15:15 – 15:30	Q&A
15:30 – 16:00	Coffee / tea break
16:00 – 16:20	Situation of TMF safety and management in Kyrgyzstan – legislation, challenges and lessons learned from past TMF accidents or near-misses <i>Ms. Altynai Murzabekova, Leading specialist of the Department for Investment Attraction and Project Implementation of the Agency for Tailings Management under the Ministry of Emergency Situations of Kyrgyzstan</i>

16:20 – 16:40	TMF safety and management following the TMF accident at the Talvivaara Mine (2012) – Lessons learned and Good Practices <i>Mr. Seppo Hellsten, Finnish Environment Institute SYKE</i>
16:40 – 17:00	Q&A and wrap-up by the Session Chair Welcome Dinner / Reception

Agenda – Day 2 (8 November 2018), 09:30 – 14:30

SESSION 3

09:30 – 12:00	Application of the TMF methodology <i>Session Chair: Mr. Gerhard Winkelmann-Oei, German Federal Environmental Agency, co-Chair of the UNECE Joint Expert Group on Water and Industrial Accidents</i>
09:30 – 09:40	UNECE Safety Guidelines and Good Practices for Tailings Management Facilities <i>Mr. Pavel Danihelka, Technical University of Ostrava, Member of the Joint Expert Group on Water and Industrial Accidents, Czechia</i>
09:40 – 10:00	Introduction to and application of the methodology: Tailings Hazard Index, checklist and measure catalogue. Results and lessons learned in Ukraine and Georgia <i>Mr. Dmitry Rudakov, Dnipro University of Technology, Ukraine</i>
10:00 – 10:20	The inventory of Tailings Management Facilities in Kazakhstan <i>Representative of Kazakhstan</i>
10:20 – 10:35	Q&A
10:35 – 10:50	The inventory of Tailings Management Facilities in Kyrgyzstan <i>Mr. Azat Raimberdiev, Senior inspector of the Supervision Department for Industrial and Mining Safety Management and for the State Environmental and Technical Inspectorate of Kyrgyzstan</i>
10:50 – 11:05	Presentation on initial mapping of TMFs in Armenia, Georgia, Kazakhstan and Kyrgyzstan <i>Ms. Oleksandra Lohunova, Sustainable development platform NGO</i>
11:05 – 11:25	Application of TMF methodology in Kazakhstan and beyond in Central Asia: considerations and next steps <i>Panel Discussion</i>
11:25 – 11:30	Wrap-up by the Session Chair
11:30 – 12:00	Coffee / tea break

SESSION 4

12:00 – 14:30	Next steps and ways forward <i>Session Chair: Ms. Claudia Kamke, UNECE Industrial Accidents Convention</i>
12:00 – 12:20	TMF hotspots in Kazakhstan identified using the THI, including those with transboundary effects: recommendations and next step <i>Representative of Kazakhstan</i>
12:20 – 12:40	Preparation for on-site training: Presentation of the TMF to be visited <i>TMF operator of Kazakhstan</i>
12:40 – 13:00	The way forward to improve the management and safety of TMFs in Kazakhstan and the set-up of an inter-ministerial working group on water management and TMF safety <i>Representative of Kazakhstan</i>
13:00 – 13:30	Next steps, conclusions and wrap-up <i>Ms. Claudia Kamke, UNECE Industrial Accidents Convention</i>
13:30 – 14:30	Lunch
14:30 – 16:00	Discussion on the preparations for the further project implementation, including the on-site training, with clear identification of responsibilities for identified tasks and timelines <i>(TMF operator, project coordinator, focal point, contact points from the Ministry of Energy, Ministry of Interior and the Ministry of Agriculture, international experts, secretariat)</i>