

Introduction workshop, on-site training and evaluation workshop under the UNECE projects on improving mining / tailings safety in Kazakhstan, Tajikistan and beyond in Central Asia

**Kokshetau, Kazakhstan
11-13 June 2019**

Objectives of the event:

- Familiarize Kazakh and Tajik participants with the UNECE Safety Guidelines and Good Practices for tailings managements facilities (TMFs) and a related TMF methodology
- Enhance the capacity of participants to reduce water-related risks from TMFs, notably by supporting them in applying the TMF checklist methodology during an on-site training
- Launch the UNECE project on strengthening the safety of mining operations, in particular TMFs, in Tajikistan and Central Asia, funded by Switzerland
- Support Kazakhstan and Tajikistan in the implementation of the recommendations arising from the UNECE Environmental Performance Reviews
- Strengthen the implementation of the UNECE Convention on the Transboundary Effects of Industrial Accidents and the UNECE Convention on the Protection and Use of Transboundary Watercourses and International Lakes
- Review the progress made in the implementation of the UNECE project to strengthen the safety of mining operations, in particular TMFs, in Kazakhstan and Central Asia
- Provide a forum for discussion for national authorities to improve their institutional coordination on TMF safety – among themselves, with operators and across borders
- Identify next steps for the implementation of the UNECE tailings projects in Kazakhstan and Tajikistan, including in view of the subregional workshop in autumn 2019

Working language:

Russian

Venue:

Dostyk Hotel
Abay Street 69,
020000 Kokshetau, Kazakhstan

Agenda – Day 1 (11 June 2019), 08:30 – 18:00

- 08:30 – 12:00 Bus transfer of all participants from Nur-Sultan to Kokshetau
- 12:00 – 13:00 Lunch in Kokshetau

SESSION 1 – Setting the scene

Session Chair: Mr. Farkhat Seifulov

(Focal Point under the UNECE Industrial Accidents Convention; Chief Specialist in the Industrial Development and Industrial Safety Committee of the Ministry for Industry and Infrastructural Development of Kazakhstan)

14:00 – 15:30

- 14:00 (10 min) Opening and welcoming statements
Representative of Kazakhstan
Representative of Tajikistan
Representative of the UNECE Industrial Accidents Convention
Representative of the OSCE Nur-Sultan Office
- 14:10 (10 min) Introduction of participants (tour-de-table)
Session Chair
- 14:20 (10 min) UNECE Projects on Improving Tailings Safety in Kazakhstan, Tajikistan and beyond in Central Asia, and introduction to meeting objectives
Mr. Talaipek Makeev, Economic Affairs Officer, SPECA Joint ESCAP-UNECE Office in Almaty
- 14:30 (10 min) The UNECE Industrial Accidents Convention and its work on tailings safety and the prevention of accidental water pollution
Ms. Claudia Kamke, Project Manager, UNECE Industrial Accidents Convention
- 14:40 (15 min) The application of the checklist methodology for improving tailings safety in the UNECE region, including Armenia, Georgia and Ukraine
Mr. Dmitry Rudakov, Consultant to the UNECE Industrial Accidents Convention
- 14:55 (15 min) Q&A
- 15:10 (10 min) CESDRR's work in Central Asia
Mr. Batyrkhan Uteпов, Chief Expert of the Center for Emergency Situations and Disaster Risk Reduction (CESDRR)
- 15:20 (10 min) Q&A
- 15:30 (30 min) Coffee / tea break

SESSION 2 – Application of the TMF methodology in Kazakhstan and Tajikistan
Session Chair: Mr. Talaibek Makeev
(Economic Affairs Officer, SPECA Joint ESCAP-UNECE Office in Almaty)
16:00 – 18:00

- 16:00 (20 min) UNECE Safety Guidelines and Good Practices for Tailings Management Facilities (TMFs). Introduction to the TMF methodology and the checklist
Mr. Dmitry Rudakov, Consultant to the UNECE Industrial Accidents Convention
- 16:20 (5 min) Q&A
- 16:25 (10 min) Prevention and response to emergencies and incidents at hazardous facilities
Mr. Bakhtiyar Ospanov, Chief Expert of the Committee for Emergency Situations, Ministry for Internal Affairs of Kazakhstan
- 16:35 (10 min) Preparation of the inventory and application of the tailings hazard index in Kazakhstan
Mr. Yerkin Duisenbayev, Project Coordinator; Chief Specialist, Industrial Development and Industrial Safety Committee of the Ministry for Industry and Infrastructural Development of Kazakhstan
- 16:45 (10 min) Q&A
- 16:55 (15 min) Situation of TMF safety and management in Tajikistan – legislation, challenges and lessons learned from past TMF accidents or near-misses
Mr. Madzhnun Jumazoda, Focal Point under the UNECE Industrial Accidents Convention, Service for State Supervision of Safe Work in Industry and Mining under the Government of Tajikistan
- 17:10 (15 min) Inventory of tailings management facilities in Tajikistan
Mr. Madzhnun Jumazoda, Focal Point under the UNECE Industrial Accidents Convention, Service for State Supervision of Safe Work in Industry and Mining under the Government of Tajikistan
- 17:25 (15 min) Preparation of the inventory and application of the tailings hazard index in Kyrgyzstan
Ms. Chinara Sadabaeva, Chief Specialist, Industrial Safety Regulation Department, State Committee for Industry, Energy and Subsoil Use of Kyrgyzstan
- 17:40 (10 min) Mapping of the TMFs in the EECCA region
Ms. Oleksandra Logunova, Head of the NGO Sustainable Development Platform (via skype)
- 17:50 (10 min) Q&A and wrap-up by the Session Chair
Session Chair
- 19:30 Informal welcome dinner

Agenda – Day 2 (12 June 2019), 09:30 – 19:00
SESSION 3 – Preparations for the on-site training
Session Chair: Mr. Madzhnun Jumazoda
(Focal Point under the UNECE Industrial Accidents Convention; Service for State Supervision of Safe Work in Industry and Mining under the Government of Tajikistan)
09:30 – 11:45

- 09:30 (10 min) TMF checklist and safety evaluation
Mr. Dmitry Rudakov, Consultant to the UNECE Industrial Accidents Convention
- 09:40 (5 min) Q&A
- 09:45 (20 min) Visual inspection of TMFs: Introduction to the measure catalogue of the TMF methodology
Mr. Dmitry Pikarenia, Department of Ecology and Environmental Protection, Dniprovsky State Technical University, Ukraine
- 10:05 (10 min) Q&A
- 10:15 (10 min) Selection of the TMF facility and preparatory work done to complete the checklists in the TMF methodology
Mr. Farkhat Seifulov, Focal Point under the UNECE Industrial Accidents Convention; Chief Specialist, Industrial Development and Industrial Safety Committee of the Ministry for Industry and Infrastructural Development of Kazakhstan
- 10:25 (15 min) Q&A
- 10:40 (20 min) Presentation of the TMF facility JSC “Altyntau Kokshetau”
Mr. Ghazali Kulzhabekov, Head of the Industrial Water Supply and Tailing Division of the Gold Recovery Plant, JSC “Altyntau Kokshetau”
- 11:00 (5 min) Q&A
- 11:05 (15 min) Practical information regarding the organization of the onsite training
Ms. Claudia Kamke, Project Manager, UNECE Industrial Accidents Convention
- 11:20 (10 min) Splitting of the participants into groups and provision of training materials
Mr. Dmitry Rudakov, Consultant to the UNECE Industrial Accidents Convention, and Mr. Dmitry Pikarenia, Department of Ecology and Environmental Protection, Dniprovsky State Technical University, Ukraine
- 11:30 (15 min) Q&A
- 11:45 Lunch

12:15 Transfer by bus to the TMF site

**SESSION 4 – On-site training and application of the checklist methodology
13:00 – 19:00**

13:00 – 16:30 On-site training and application of the checklist in groups

16:30 Transfer by bus to the hotel

17:00 (30 min) Coffee / tea break

17:30 – 19:00 Group work to finalize filling in the TMF checklist and to prepare each group's presentations for Session 5

20:00 Official workshop dinner

Agenda – Day 3 (13 June 2019), 09:30 – 18:00

SESSION 5 – Evaluation of the checklist application during the on-site training
Session Chairs: Mr. Dmitry Rudakov (*Consultant to the UNECE Industrial Accidents Convention*) **and Mr. Dmitry Pikarenia** (*Department of Ecology and Environmental Protection, Dniprovsky State Technical University, Ukraine*)
09:30 – 11:00

09:30 (20 min) Presentation by Group 1 on the findings and recommendations resulting from the checklist application during the on-site training
Group 1

09:50 (10 min) Q&A

10:00 (20 min) Presentation by Group 2 on the findings and recommendations resulting from the checklist application during the on-site training
Group 2

10:20 (10 min) Q&A

10:30 (10 min) Wrap-up
Session Chairs

10:40 (20 min) Hand out of certificates for the participants
Session Chairs and Ms. Claudia Kamke, UNECE Industrial Accidents Convention

11:00 (30 min) Coffee / tea break

SESSION 6 – Next steps for the implementation of the projects on strengthening tailings safety in Kazakhstan and Tajikistan**Session Chair: Ms. Claudia Kamke***(Environmental Affairs Officer, UNECE Industrial Accidents Convention)***11:30 – 13:00**

- 11:30 (40 min) Discussion on the next steps for the implementation of the project on strengthening tailings safety in Kazakhstan (2018-2019)
Session Chair
- Follow-up to the on-site training
 - Finalization of the TMF inventory and hazard mapping
 - Inter-institutional working group on tailings safety and water management in Kazakhstan
 - Preparations for the subregional workshop in autumn 2019
- 12:10 (40 min) Discussion on the next steps for the implementation of the project on strengthening tailings safety in Tajikistan (2019-2020)
Session Chair
- Follow-up to the inception event
 - Preparation of the TMF inventory and hazard mapping
 - Preparations for the subregional workshop in autumn 2019
 - Preparations for the on-site training in Tajikistan in summer 2020
- 12:50 (10 min) Event wrap-up and conclusions
Session Chair
- 13:00 Departure from Kokshetau to Nur-Sultan
- 14:30 Lunch at Borovoe
- 18:00 Arrival at Nur-Sultan and departure of (most) participants
- 20:00 Informal dinner for remaining participants