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. Talaibek 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 Utepov, 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
<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>09:30</td>
<td>TMF checklist and safety evaluation</td>
<td>Mr. Dmitry Rudakov, Consultant to the UNECE Industrial Accidents Convention</td>
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<td>09:40</td>
<td>Q&amp;A</td>
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<td>09:45</td>
<td>Visual inspection of TMFs: Introduction to the measure catalogue of the TMF methodology</td>
<td>Mr. Dmitry Pikarenia, Department of Ecology and Environmental Protection, Dniprovsky State Technical University, Ukraine</td>
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<td>10:05</td>
<td>Q&amp;A</td>
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<td>10:15</td>
<td>Selection of the TMF facility and preparatory work done to complete the checklists in the TMF methodology</td>
<td>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</td>
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<td>10:25</td>
<td>Q&amp;A</td>
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<td>10:40</td>
<td>Presentation of the TMF facility JSC “Altyntau Kokshetau”</td>
<td>Mr. Ghazali Kulzhabekov, Head of the Industrial Water Supply and Tailing Division of the Gold Recovery Plant, JSC “Altyntau Kokshetau”</td>
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<td>11:00</td>
<td>Q&amp;A</td>
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<td>11:05</td>
<td>Practical information regarding the organization of the onsite training</td>
<td>Ms. Claudia Kamke, Project Manager, UNECE Industrial Accidents Convention</td>
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<td>11:20</td>
<td>Splitting of the participants into groups and provision of training materials</td>
<td>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</td>
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<td>11:30</td>
<td>Q&amp;A</td>
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<td>11:45</td>
<td>Lunch</td>
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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
(Envirionmental 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