

# OVERVIEW OF KEY ASSISTANCE AND COOPERATION ACTIVITIES IN 2021-2022

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Secretariat of the UNECE Convention on Transboundary Effects of Industrial Accidents

Agenda item 8

Twelfth meeting of the Conference of the Parties,  
Geneva, 29 November – 1 December 2022

# PROGRESS REPORT ON THE IMPLEMENTATION OF ASSISTANCE ACTIVITIES 2021-2022

Full Progress report on the implementation of assistance activities in 2021-2022 is available as an official document in [ENG](#), [FRE](#) and [RUS](#)

<p>United Nations <b>Economic and Social Council</b> Date: General 19 September 2022 Original: English</p> <p><b>ECE/CFP/TEIA/2022/4</b></p> <hr/> <p><b>Economic Commission for Europe</b> Conférence des Parties à la Convention sur les effets transfrontières des accidents industriels Twelfth meeting Geneva, 29 November - 1 December 2022 Item 4 of the provisional agenda Assistance to countries of Eastern and South-Eastern Europe, the Caucasus and Central Asia</p> <p><b>Progress report on the implementation of assistance activities in 2021-2022</b> Note by the secretariat</p> <p><b>Summary</b></p> <p>The Assistance Programme under the Convention on the Transboundary Effects of Industrial Accidents, established at the third meeting of the Conference of the Parties to the Convention (Bishkek, 27-30 October 2004) and extended as the Assistance and Cooperation Programme at the tenth meeting of the Conference of the Parties (Geneva, 4-6 December 2019), as per the long-term strategy for the Convention until 2030, seeks to enhance the effect of countries with economies in transition in the United Nations Economic Commission for Europe region to raise their levels of industrial safety, through implementation of the Convention. The present document presents the assistance activities carried out in the period 2021-2022, their main focus and achievements.</p> <p><b>Introduction</b></p> <p>1. At its third meeting (Bishkek, 27-30 October 2004), the Conference of the Parties to the Convention on the Transboundary Effects of Industrial Accidents (Industrial Accidents Convention) adopted an Assistance Programme in order to enhance the efforts of the countries of Eastern and South-Eastern Europe, the Caucasus and Central Asia to implement the Industrial Accidents Convention. At its tenth meeting (Geneva, 4-6 December 2019), the Conference of the Parties adopted the long-term strategy for the Convention until 2030, which revised and extended the Assistance Programme as the Assistance and Cooperation Programme.<sup>1</sup> The Programme helps countries with economies in transition to address obstacles to implementation or accession. Thanks to the secretariat's support during this process, participants from the Programme's beneficiary countries confirmed improved understanding of the Convention and its main requirements, as demonstrated by the evaluation questionnaires completed following their participation in the assistance activities.</p> <p><sup>1</sup> ECE/CFP/TEIA/2, para. 39. <sup>2</sup> ECE/CFP/TEIA/20/AM.1, para. 25.</p> <p>GE.22-14800E</p> <p>Planned recycle </p>	<p>Nations Unies <b>Conseil économique et social</b> Date: générale 19 septembre 2022 Original: anglais</p> <p><b>ECE/CFP/TEIA/2022/4</b></p> <hr/> <p><b>Commission économique pour l'Europe</b> Conférence des Parties à la Convention sur les effets transfrontières des accidents industriels Douzième réunion Genève, 29 novembre - 1 décembre 2022 Point 4 de l'ordre du jour provisoire Aide aux pays d'Europe orientale et du Sud-Est, du Caucase et d'Asie centrale</p> <p><b>Rapport sur les activités d'assistance menées en 2021-2022</b> Note du secrétariat</p> <p><b>Résumé</b></p> <p>Le Programme d'aide relevant de la Convention sur les effets transfrontières des accidents industriels, créé à la troisième réunion de la Conférence des Parties à la Convention (Bichkek, 27-30 octobre 2004) et étendu en « Programme d'aide et de coopération » à la dixième réunion de la Conférence des Parties (Genève, 4-6 décembre 2019), conformément à la stratégie à long terme pour la Convention jusqu'à 2030, a pour objet d'améliorer les effets de pays en transition de la région de la Commission économique pour l'Europe (CEE) afin d'élever leur niveau de sécurité industrielle, grâce à l'application de la Convention. Le présent document expose les activités d'assistance menées au cours de la période 2021-2022 et de leurs principaux objectifs et résultats.</p> <p>GE.22-14800 (F) 071022 071022</p> <p>Merci de recycler </p>	<p>Организация Объединённых Наций <b>Экономический и Социальный Совет</b> Date: General 19 September 2022 Russian Original: English</p> <p><b>ECE/CFP/TEIA/2022/4</b></p> <hr/> <p><b>Европейская экономическая комиссия</b> Конференция Сторон Конвенции о трансграничных воздействиях промышленных аварий Двенадцатое заседание Женева, 29 ноября - 1 декабря 2022 года Пункт 4 предварительной повестки дня Помощь странам Восточной и Юго-Восточной Европы, Кавказа и Центральной Азии</p> <p><b>Доклад об осуществлении деятельности по оказанию помощи в 2021-2022 годах</b> Замечка секретариата</p> <p><b>Резюме</b></p> <p>Программа оказания помощи в рамках Конвенции о трансграничных воздействиях промышленных аварий, учрежденная на третьем заседании Конференции Сторон Конвенции (Бискек, 27-30 октября 2004 года) и продолженная на десятом заседании Конференции Сторон (Женева, 4-6 декабря 2019 года) в соответствии с долгосрочной стратегией Конвенции на период до 2030 года, направлена на автоматизацию уровней промышленной безопасности, способствуя в регионе Европейской экономической комиссии Организации Объединённых Наций, на автоматизацию систем уровня промышленной безопасности посредством осуществления Конвенции. В настоящем документе представлены мероприятия по оказанию помощи, проведенные в период 2021-2022 годов, их основные задачи и достигнутые результаты.</p> <p>GE.22-14800 (R) 121022 131022</p> <p>Пожалуйста, верните на предприятие переработку </p>
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# UKRAINE'S ACCESSION

**On 4 October 2022 Ukraine became a Party to the Convention**



High-level awareness mission, Kyiv, 2018

## NATIONAL POLICY DIALOGUES ON INDUSTRIAL SAFETY IN SERBIA

### Implemented with financial support from France

**Launch:** 26 October 2021, Belgrade

- Agreed to **set up Steering Committee (SC)** of the Serbian NPD on Industrial Safety
- Agreed to make use of the NPD process to **develop a National Programme on Industrial Safety**
- Agreed the **ToR of the SC**

**First meeting of the NPD Steering Committee (SC):**  
16 March 2022

- **Election** of SC
- Commitment to seek **signing MoU** between competent authorities and UNECE
- Agreement on elements of **National programme on Industrial Safety**, the timeline and next steps



SUB-REGIONAL WORKSHOP ON  
LAND-USE PLANNING AND  
INDUSTRIAL SAFETY FOR  
SOUTH-EASTERN EUROPE

## Implemented with financial support from France

- **Dates:** 27 to 29 October 2021, Belgrade
- **Beneficiaries:** Albania, Bosnia and Herzegovina, Montenegro, North Macedonia, Serbia
- Participants expressed the need to: strengthen transboundary cooperation, experience-sharing, inter-agency coordination, coherent land-use planning policy and capacity-building, as well as integrate DRR into spatial planning



TECHNICAL MISSION TO  
SUPPORT MONTENEGRO IN THE  
IMPLEMENTATION OF THE  
CONVENTION

## Implemented with financial support from Germany

- **Dates:** 30 November – 1 December 2021, Podgorica
- Agreed on the need to strengthen the Convention's implementation (incl. its Strategic Approach under ACP)
- Linkages between the Convention and the EU legislation clarified
- Self-assessments reviewed and finalized, action plans – pre-agreed
- Montenegro requested additional support in the Convention's implementation, incl. through NPDs




REVIEW OF NATIONAL POLICIES  
AND LEGISLATION UNDER THE  
PROJECT ON NATIONAL POLICY  
DIALOGUES FOR INDUSTRIAL  
SAFETY IN CENTRAL ASIA (PHASE  
I: LAUNCH)

## Implemented with financial support from the Russian Federation

- Objective: analyze the national legislation of the CA countries on industrial safety and related areas, propose measures for its alignment with the Convention's requirements & present the result of such analysis in country reports
- 5 reports on the analysis of the national legislation were produced, reviewed, enhanced & updated in the course of 2021-22
- The reports contain recommendations for the harmonization of national legislation with the requirements of the Convention & enhanced coherency of national policies, incl. on technological DRR
- Will support the enhanced implementation of the Convention & accession of the non-Parties

UNECE / UNDRR PROJECT ON  
ADDRESSING  
TECHNOLOGICAL/INDUSTRIAL  
ACCIDENT RISKS IN NATIONAL  
STRATEGIES AND DRR PLANS

Part of the **UNDRR Central Asia initiative**, with  
financing from the **European Union**

- Implemented from August 2022 to 15 January 2023
  - Objective: integrate technological/chemical accident risks into national mid-term plans on DRR strategies implementation of Kyrgyzstan and Tajikistan
  - Envisaged project outputs:
    - National DRR plans of Kyrgyzstan and Tajikistan address existing industrial accident risks (currently main focus was on man-made disasters);
    - Country-specific recommendations how to best mitigate such risks developed;
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- Enhanced understanding of relevant authorities of Kyrgyzstan and Tajikistan of technological disaster risks and strengthened institutional capacity for better management of such risks



## IMPLEMENTATION OF THE STRATEGIC APPROACH

### **In Central Asia:**

- With assistance from the secretariat self-assessments (SA) were updated by [Kazakhstan](#), [Kyrgyzstan](#) and [Tajikistan](#); action plans (AP) – by [Kazakhstan](#), [Kyrgyzstan](#) and [Uzbekistan](#). These versions take into account tailings and Natech risks

### **In Eastern Europe and the Caucasus:**

- Updated SA & AP submitted by [Azerbaijan](#) (in 2021 & 2022). The process was supported, inter alia, through an online meeting between the competent authorities of Azerbaijan and the WGI organized by the secretariat (21 September 2021)
- Updated SA submitted by [Ukraine](#) in 2021. Technical mission planned but could not be implemented

### **In South-Eastern Europe:**

- Updated SA & AP submitted by [Montenegro](#) (in 2021 & 2022). The process was supported, inter alia, through a technical mission in 2021.

# ACTIVITIES TO STRENGTHEN TAILINGS SAFETY IN CENTRAL ASIA

## Establishment of Interinstitutional Working Groups on Tailings Safety and the Prevention of Accidental Water Pollution (IIWG)

### Kazakhstan



Second IIWG meeting scheduled for early 2023

First IIWG meeting held on 11 February 2022, led by MES in cooperation with Ministry of Ecology and Natural Resources

IIWG formally established through a decree of the Ministry of Emergency Situations (MES) in January 2022

### Tajikistan



IIWG formally established under the government on 31 October 2022

Meeting on 2 December 2021 discussed and recommended IIWG establishment

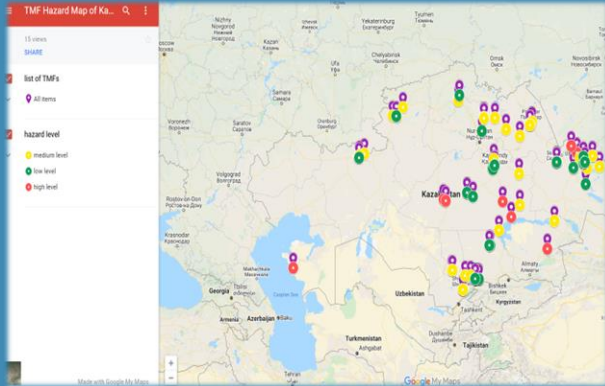
### Uzbekistan



Discussions on the establishment of the IIWG initiated and ongoing

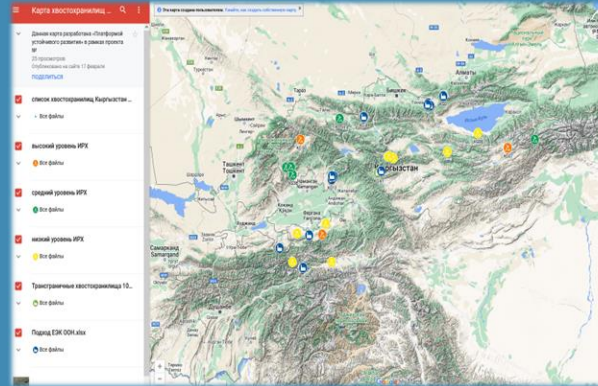
# INVENTORIES AND MAPS OF 237 TAILINGS MANAGEMENT FACILITIES (TMFs)

## TMF mapping in Kazakhstan



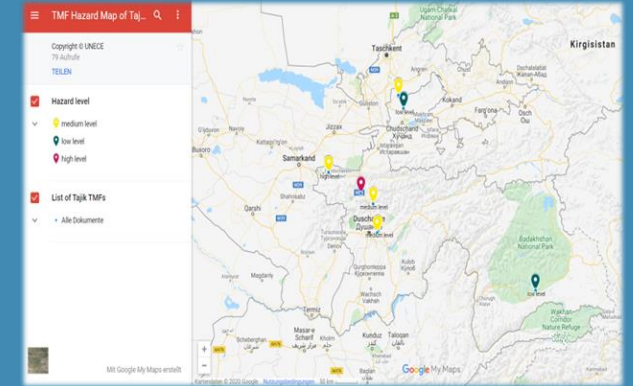
✓ Inventory and mapping of **121 TMFs**

## TMF mapping in Kyrgyzstan



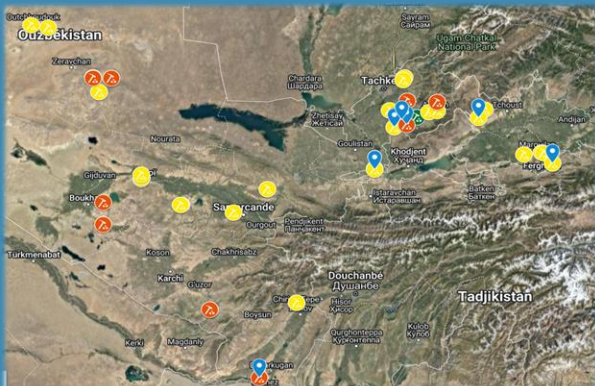
✓ Inventory and mapping of **62 TMFs**

## TMF mapping in Tajikistan



✓ Inventory and mapping of **13 TMFs**

## TMF mapping in Uzbekistan



✓ Inventory and mapping of **41 TMFs**

## TMF mapping in Syr Darya river basin

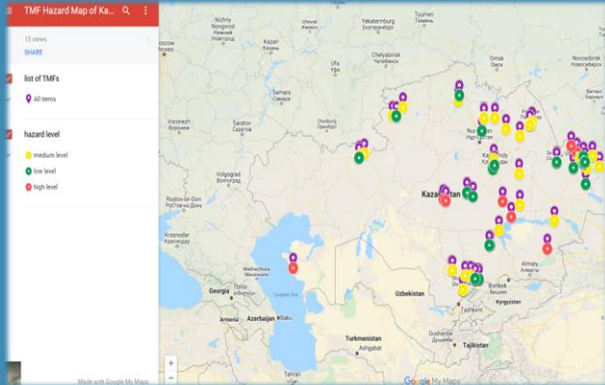


✓ Inventory and mapping of **61 TMFs**

All TMFs were assessed using the TMF **Methodology**, incl. Tailings Hazard (THI) and Tailings Risk (TRI) Indexes

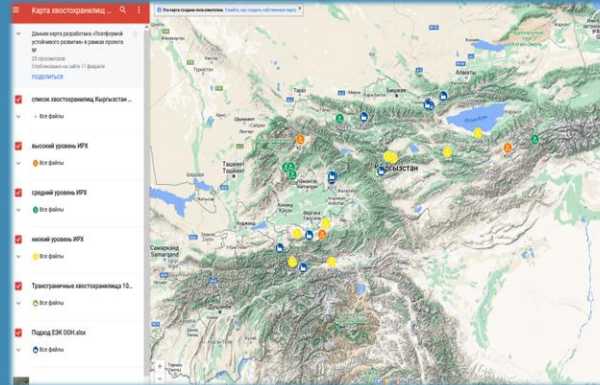
# 59 TAILINGS MANAGEMENT FACILITIES (TMFs) WITH POTENTIAL TRANSBOUNDARY EFFECTS

## TMF mapping in Kazakhstan



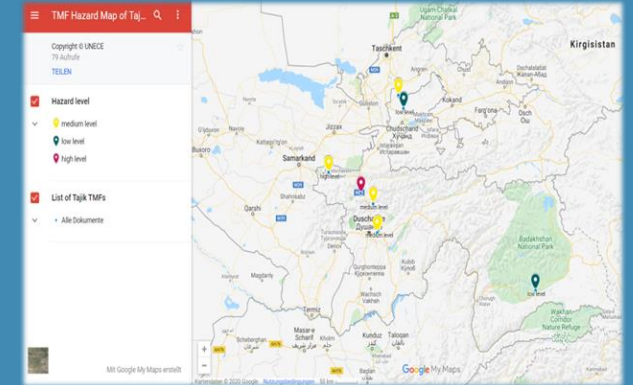
7 TMFs could have transboundary effects

## TMF mapping in Kyrgyzstan



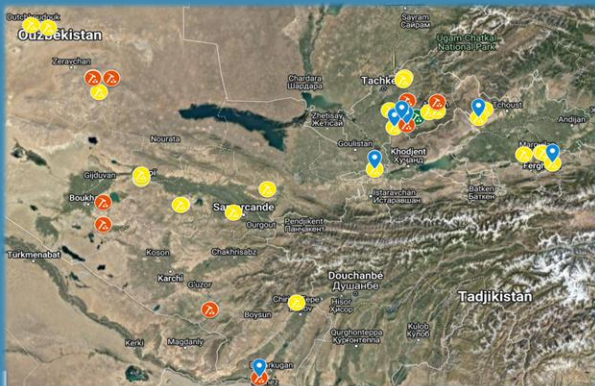
38 TMFs could have transboundary effects

## TMF mapping in Tajikistan



4 TMFs could have transboundary effects

## TMF mapping in Uzbekistan



10 TMFs could have transboundary effects

59 out of 237 TMFs may have potential transboundary effects → 25%

## TMF mapping in Syr Darya river basin



33 TMFs could have transboundary effects  
→ 19 in KYR, 10 in TAJ and 4 in UZB

## ON-SITE TRAININGS

- On-site in-person training in Penjikent and online evaluation workshop (**Tajikistan**, 2-4 June 2021);
- A report with recommendations and results from the on-site training was produced, incl. the application of the tailings management facilities (TMF) Methodology, based on the safety evaluation of the TMF of JV «Zarafshon» (Penjikent, Republic of Tajikistan), has now been made available in [English](#) and [Russian](#)
- On-site training brought together representatives from Tajikistan' several s agencies responsible for industrial safety; the evaluation workshop was attended by the representatives from Kazakhstan, Tajikistan and Uzbekistan
- Similar on-site training and report for **Uzbekistan** planned for 2023



## SUBREGIONAL COOPERATION

- Technical meeting to prepare for the on-site training in Tajikistan and to enhance capacity for governance and policy-making on tailings safety in CA (23 April 2021)
- Subregional meeting to enhance capacity for governance and policymaking on tailings safety in Central Asia (3 June 2021) – draft updated self-assessments and action plans presented
- Subregional Workshop on tailings safety and preventing water pollution in Central Asia → planned for 2023
- Improved subregional cooperation and exchange of good practices in the Syr Darya River Basin



# SYR DARYA PROJECT (PHASE I)

Implemented by UNECE Water Convention, in close cooperation with the Industrial Accidents Convention and support from IWAC, **with funding from the EU (EU Water Initiative National Water Policy Dialogues (NPDs))**

**Timeline: June 2021 until end-Feb 2023 (Phase I) → ongoing**

**Objective:** Development of Joint Measures to Prevent And Respond to Pollution of the Syr Darya River in Emergency Situations

**Preliminary results:**

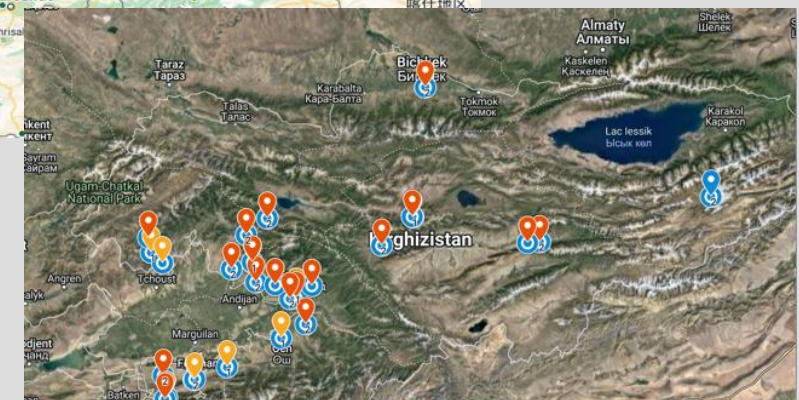
- ✓ **Understanding** of disaster risks and hazards **enhanced** and **cooperation** among riparian countries and national authorities **strengthened**
- ✓ **Inventory and map of 61 TMFs and 133 other hazardous facilities** in the Syr Darya River Basin **prepared**
- ✓ **Gaps** in national legislation and existing mechanisms of information exchange, early warning and notification among riparian countries **identified**
- ✓ **Draft recommendations** for improving transboundary contingency planning and reducing water pollution **developed**

**Next steps for Phase II (if funding becomes available):**

- Support implementation of recommendations to overcome gaps, notably the development and testing of a **Transboundary Contingency Plan** for the Syr Darya River Basin



**Beneficiaries: Kazakhstan, Kyrgyzstan, Tajikistan and Uzbekistan**



## COMMUNICATED NEEDS OF ACP BENEFICIARY COUNTRIES

- Country missions to support implementation of the ACP Strategic Approach
- Strengthening governance and policies on industrial safety, e.g. through NPDs for industrial safety and Interinstitutional working groups on tailings safety
- Subregional & intersectoral cooperation on land-use planning and industrial safety
- Transboundary cooperation, joint exercises and contingency planning
- Strengthening industrial safety, disaster risk governance and management in Ukraine
- Further integration of industrial accidents risk management in overall DRR strategies, policies & plans
- ...



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THANK YOU FOR YOUR ATTENTION!