

Tailings Storage Facilities in Ukraine

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GEF / UNDP / OSCE / UNECE Project

“Enabling Transboundary Co-operation and Integrated Water Resources Management in the Dniester River Basin”

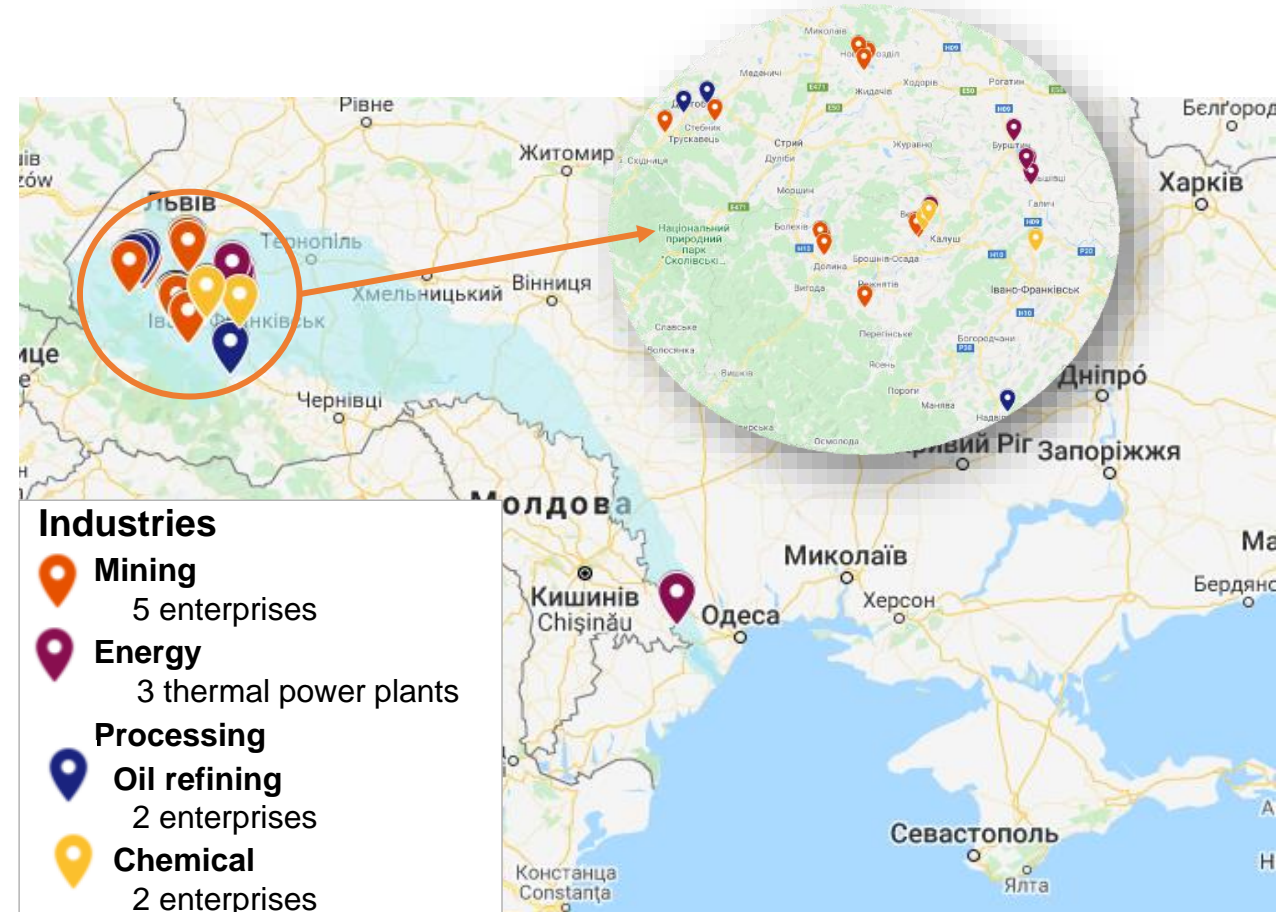


Empowered lives.
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- Database of **465 TSFs in Ukraine**
- TSFs inventory in the Dniester River Basin 2018-2020
 - **32 TSFs**
 - **160 million tons of waste**

Summary is published on

<https://dniester-commission.com/>



TSF Methodology based on UNECE Guidelines, adopted to the Ukrainian legislation - as methodological tool for TSF Inventory



Top 3 mining companies with inactive TSFs of high hazard

SIRKA (sulfur ores)

- 3 TSFs, **over 100 mln. t** & other waste facilities

ORIANA (potassium-magnesium ores)

- 3 TSFs, **26 mln. m³**

POLYMINERAL (potash ores)

- 1 TSF, **12.74 mln. m³**

- The critical filling level
- Dams instability
- No Emergency plans
- No closure/rehabilitation of inactive objects



Actions for improving TSF safety in Ukraine

IMPROVING REGULATORY FRAMEWORK AND INSTITUTIONAL CAPACITY ON TSF SAFETY

❑ STATE ACCOUNTING

- TSFs database – modern accounting system “operator - state”

❑ EMERGENCY PREPAREDNESS – STATE EMERGENCY SERVICE

- Considering TSFs as high-hazard facilities in a legislation (SEVESO III)
- Considering TSFs in the methodology of Emergency Response Plan development
- Development a Risk Assessment Methodology
(natural, operational and military risks)

❑ ENVIRONMENTAL SAFETY – MINISTRY OF ENVIRONMENT

- Development a prime and secondary legislation on management of industrial and mining waste (Directive 2006/21/EC)
- Standards/Rules for TSFs closure and rehabilitation
(incl. issues on recycling of waste)

Thank you for your attention!

The presentation is prepared by:

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