



## PROJECT INFORMATION

### Raising Knowledge among Students and Teachers on Tailings Safety and its Legislative Review in Ukraine



Ash dump of a thermal power  
plant in Ukraine

Source: DTEK "Dniiproenergo"

## Background

Environmental disasters caused by the failures of tailing management facilities (TMFs) are a worldwide problem. In Ukraine 344 officially known TMFs are potentially dangerous for humans and environment. Based on the UNECE *Safety Guidelines and Good Practices for TMFs*, a previously developed *Methodology for improving TMF safety* as well as a *Tailings Hazard Index (THI)* to evaluate and establish a common safety standard in TMFs addresses this problem with a sustainable solution.

## Project details

To address the problems related to TMFs in Ukraine on a practical level, the project aimed at raising knowledge on TMF safety among Ukrainian students of environmental and mining sciences. Relevant courses given by leading international and national experts in industrial safety provided both theoretical and practical training on the above-mentioned instruments. The developed education course was recommended for the inclusion in the curricula of participating universities and to the state education programmes, which was appreciated by relevant ministries. A new e-learning tool based on the TMF Methodology was tested on the NMUs online platform for further applications. Additionally, the project reviewed the legislative background on how Ukraine fulfils its obligations under Directive 2006/21/EC on the management of waste from extractive industries being part of the requirements of the EU-Ukraine Association Agreement. The review suggested a roadmap, recommendations on the improvement of TMF safety management in Ukraine and an Action Plan for the implementation of the Directive by the relevant national authorities in Ukraine. The project results will be valuable for universities training students according to mining and environmental curricula worldwide and for countries facing similar environmental problems caused by mining activities.

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**Target country:** Ukraine

**Duration:** 06/2016 – 11/2017

**Beneficiaries:** Ministry of Education and Science, Ministry of Ecology and Natural Resources

**Implementing organisation:** State Higher Educational Institution "National Mining University", Dnipro

**Project number:** 72963

#### Thematic management:

German Environment Agency

Gerhard Winkelmann-Oei

Tel.: +49-340-2103-3298

gerhard.winkelmann-oei@uba.de

#### Project coordination:

AAP Project service unit

Dr. Sonja Otto

Tel.: +49-340-2103-2210

sonja.otto@uba.de

#### Advisory Assistance Programme (AAP)

for environmental protection in the countries of Central and Eastern Europe, the Caucasus and Central Asia and other countries neighbouring the European Union –

a programme of the Federal Ministry for Environment, Nature Conservation, Building and Nuclear Safety

#### AAP Project service unit:

AAP-info@uba.de

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