



EU-initiatives relating to dams and tailings management

SveMin Environment Conference
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Outline



- ≡ Introduction to Euromines (to read at home)
- ≡ Mining Waste Directive Implementation Report
- ≡ New European Commission Guidance
- ≡ Conclusion

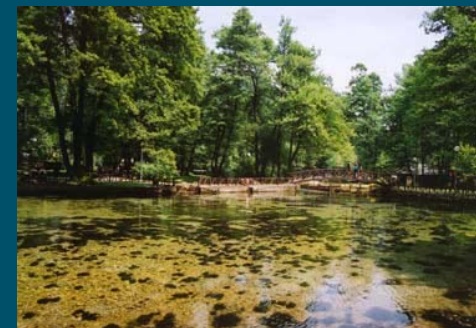


Introduction to Euromines

Euromines – who we are



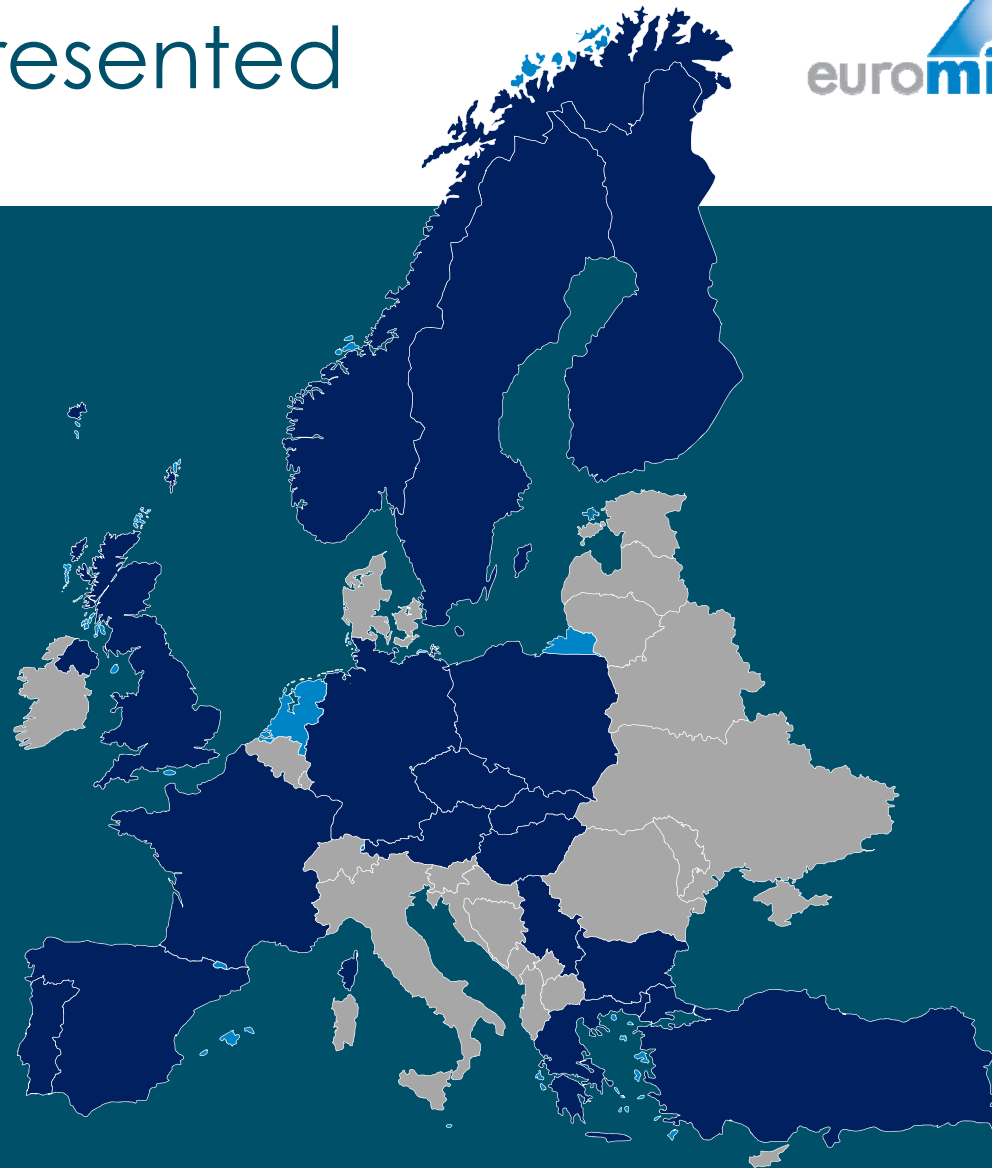
- ≡ Recognized representative of the European mining industry;
- ≡ Service provider to its members with regard to EU policy;
- ≡ Network for cooperation and for the exchange of information throughout the sector within Europe;
- ≡ Link to contacts with the mining community throughout the world.



Countries represented



- ≡ Austria
- ≡ Bulgaria
- ≡ Czech Republic
- ≡ Finland
- ≡ France
- ≡ Germany
- ≡ Greece
- ≡ Hungary
- ≡ Norway
- ≡ Poland
- ≡ Portugal
- ≡ Serbia
- ≡ Slovakia
- ≡ Sweden
- ≡ Turkey
- ≡ United Kingdom





Mining Waste Directive Implementation

Commission's Report



- ≡ Need to improve the practical application of some provisions
 - = Identification of Category A facilities
 - = Granting of permits
 - = **Inspections**
 - Commission found large variation among Member States
 - Euromines finds consistent ambitions within its membership
 - Compliance-promotion addressing inspections set for 2017





New European Commission Guidance

Mine Waste Directive: Inspections Guidance



- ≡ Article 22 of Directive 2006/21/EC calls for Guidance
- ≡ Study recommendations on inspections published (2012)
 - = largely describes the industry preferred 'tiered approach'
- ≡ 2016 Study to assess general and sectoral approach to inspections guidance

“Minimum Requirements”



- ≡ Best practice as per the Mine Waste Directive, Mining RIDAS (2010), MAC (2003; 2011) and EU BAT (2009) outlines a **tiered approach** to monitoring and inspections to be undertaken under the responsibility of the Operator
 - = **Independent inspection annually or biennially**

- ≡ **Authority inspection annually or biennially**
 - = According to an established and publicised inspection plan covering all relevant facilities on the territory of the M State
 - = Unplanned or non-routine inspections as may be required
 - = **Based on risk** posed to human health and the environment



Sectoral Recommendations (from 2012)



“Member States need to ensure that the competent authorities in charge of inspection have the necessary level of knowledge, **experience and competence** to carry out appropriate inspections. Academic ability alone is insufficient.”

“Member States are recommended to ensure that the competent authorities in charge of inspection may set in place a regime of independent inspections to be carried out by **external qualified inspectors** on their behalf.”

“In that case, Member States shall ensure that the external inspectors have the required qualifications and are **independent** from the operators, designers and constructors of the extractive waste facility to be inspected.”

Best Available Techniques



- ≡ Carry out visual **inspections**, annual (geotechnical) reviews, independent (geotechnical) **audits** and safety evaluations
- ≡ Integrate monitoring and inspection plans

- ≡ Examples include,
 - = Checks of dam stability twice a year
 - = External audits and competent authority inspections annually
 - = Competent authority visual check and system audit every 5yrs

- ≡ Newly reviewed draft currently out for comment



Circular Economy: Mine Waste Management



- ≡ “The Commission will issue guidance and promote best practices on mining waste” – due in 2018
- ≡ Directive 2006/21/EC Article 5:
Waste Management Plan

“Member States shall ensure that the operator draws up a waste management plan for the minimisation, treatment, recovery and disposal of extractive waste, taking account of the principle of sustainable development”



Conclusions



- ≡ Any EU Guidance on Inspections should
 - = be drafted by National experts consulting the industry
 - = not dilute the guarantor position of the Member State
 - = focus on qualifications & technical scope
 - = not set operator-level prescriptions applying internally
 - = Recommend frequency based on risk to human health and the environment – *not* on timing of EU reports!

