

WESTERN BALKANS ENVIRONMENTAL HOT SPOTS PROGRAMME

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Regional Study Tours

- Programme goal – Strengthening Regional Cooperation
- Program includes provisions and resourcing for 3 Study tours per country/territory over the 30 months.
- Study tours to be held in 2008, 2009 and 2010
- Study Tours are to enhance environmental management capacity in the region through exposure to good practice and existing experiences.



Regional Study Tours

- For 2008 study tours it was agreed to split this into 3 smaller study tours sites and topics that that were relevant to Country/Territory Hotspots.
- For 2009 it was planned to focus on a single study tour covering a serious problem common through out WBs (acid mine drainage at base metal mines).
- For 2010 was considered a policy focus may be applicable



Regional Study Tour 2008 Completed

- Cleaner Production and Integrated Pollution Prevention and Control (IPPC) - week 22nd – 26th September (Austria).
- Potentials for tourism development on rehabilitated mining sites - week 6th - 10th October (Slovenia).
- Mining Sites Rehabilitation and Management - week 20th – 24th October (Czech Republic).



Cleaner Production & IPPC



Cleaner Production & IPPC

Study Tour Follow Up in Countries/Territories

- Serbia,
 - IPPC simulations/permitting for two industries (landfill, Pesticides); Link with UNIDO for cleaner production training for Vrbas industries; Carnex Environment Officers application of ideas for waste water reduction & staff training.
- Bosnia and Herzegovina ,
 - Useful examples of district heating systems from waste destruction, consideration of application, costs, management of district heating systems and cogeneration potentials from Austrian examples to the situation and plans for expansion of district heating systems and cogeneration in Tuzla Municipality.



Tourism Development on Mining Sites

- Former Lead and Zink Mine – Mezica
- Former Mercury Mine – Idrija



Tourism Development on Mining Sites

Study Tour Follow Up in Countries/Territories

– Montenegro,

- Mojkovac capacity building undertaken to prepare IPA project proposals based on Slovenian experience;
- Funds mobilized (Czech trust) and investigation into mine closure initiated based on Slovenian experience (Idria and Mezice) for Brskovo and Zuta Prla Mine;
- Kayaking tourism initiated (people trained, equipment purchased, business launched) based on co-operation with Slovenian Kayak Association.



Mining Sites Rehabilitation and Management

- Diamo, s.p. Straz pod Ralskem facility and mining site
- Palivovy Kombinat – mine Most Lezaki and Marianske Radcice, Kohinoor mine
- Sokolovska uhelna, a.s. Sokolov



Mine Rehabilitation & Management

Study Tour Follow Up in Countries/Territories

- UNATSCR1244 Kosovo,
 - Using approaches for planning post mining landscapes, deconflicting incompatible landuse and mining activities through planned system and development of funding mechanism based on Czech approach;
- FYR Macedonia & Albania
 - Ideas for planning post mining landscapes and establishment/application of remediation/management funding mechanisms for mining & industrial sites.



Planned Study Tour 2009

- Slovakia Mining Study Tour - September 09
 - Investigation and Mine remediation prioritization process;
 - Application, management and economics of Acid Mine Drainage treatment approaches at base metal mines;
 - Legislative/policy framework for mine sites, breakdown of responsibilities, costs and future planning;
 - Economics-liabilities, funding mechanisms/approaches and other resources for dealing with negative mine impacts



Proposed Study Tour 2010

- Idea for a 'Policy' Study Tour instead of previous technical focus in 2008 and 2009
- Critical need in WBs to Identify environmental hotspots (i.e. 'Brownfields) financing mechanisms/approaches
- Can examine transitional country experience in financing cleanup and management of "Brownfields"



Potential Countries for Study Tour 2010

- Potential candidate countries for Study Tour so far include Czech republic, Slovakia & Hungary.
- **These countries have similar 'hotspot' problems** more relevant to WBs situation in having been transitional countries in a similar time frame.
- These countries have a range of approaches. Some with greater funding from privatization process some with a private public sector funds.

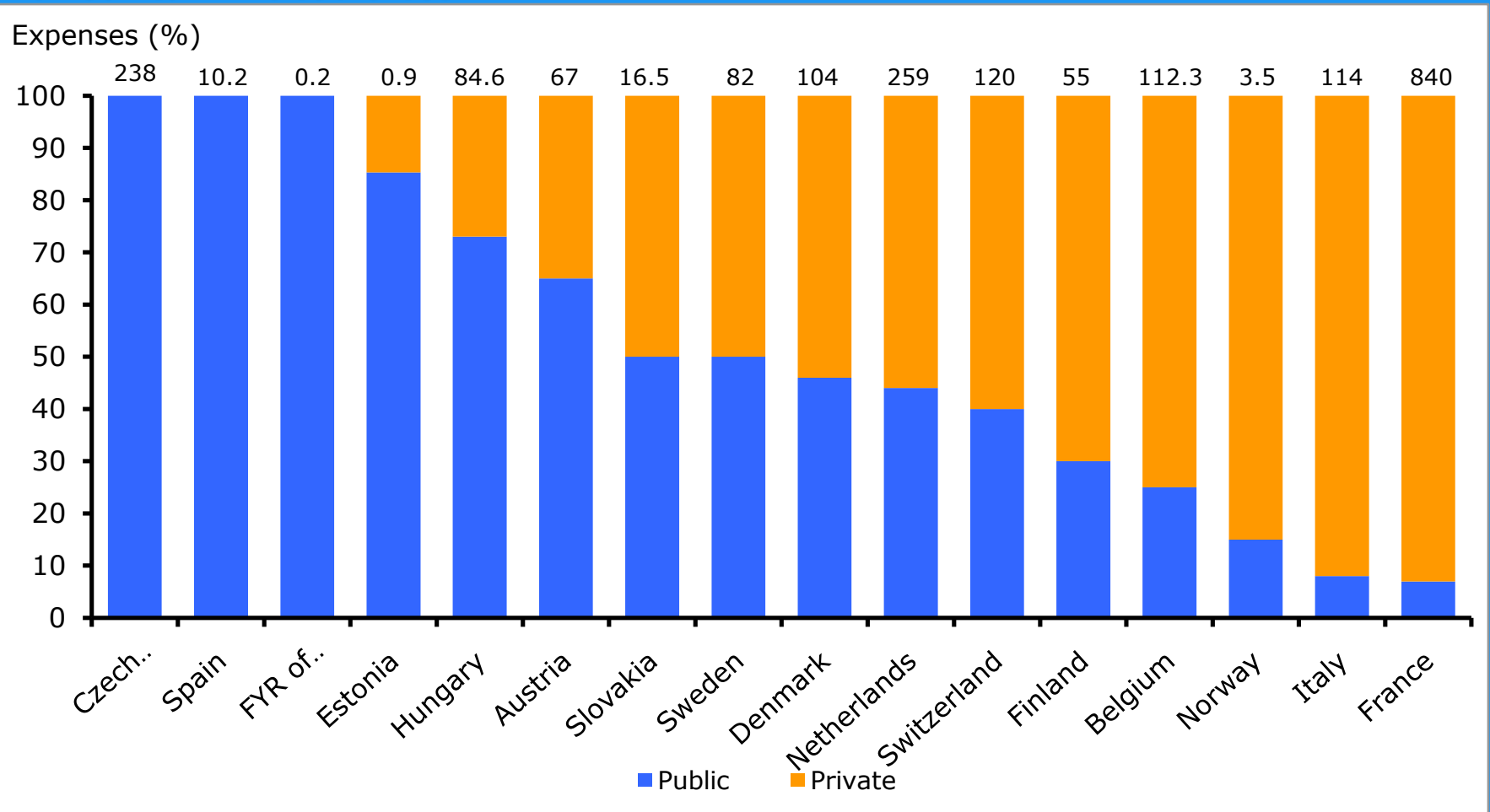


Brownfields Situation in Europe

- EEA - no harmonised or single approach in Europe or specific EU directives or multilateral environmental agreement for **'Brownfields'**;
- Large variation in funding sources (public vs. private) and amounts (total and GDP) between countries (use graphics) in addressing these sites;
- Approaches may reflect country specific situations. i.e. resource rich or not, high demand for land or not; funding secured or able to be through privatization processes.



Estimated allocation of public and private expenditures for management of contaminated sites



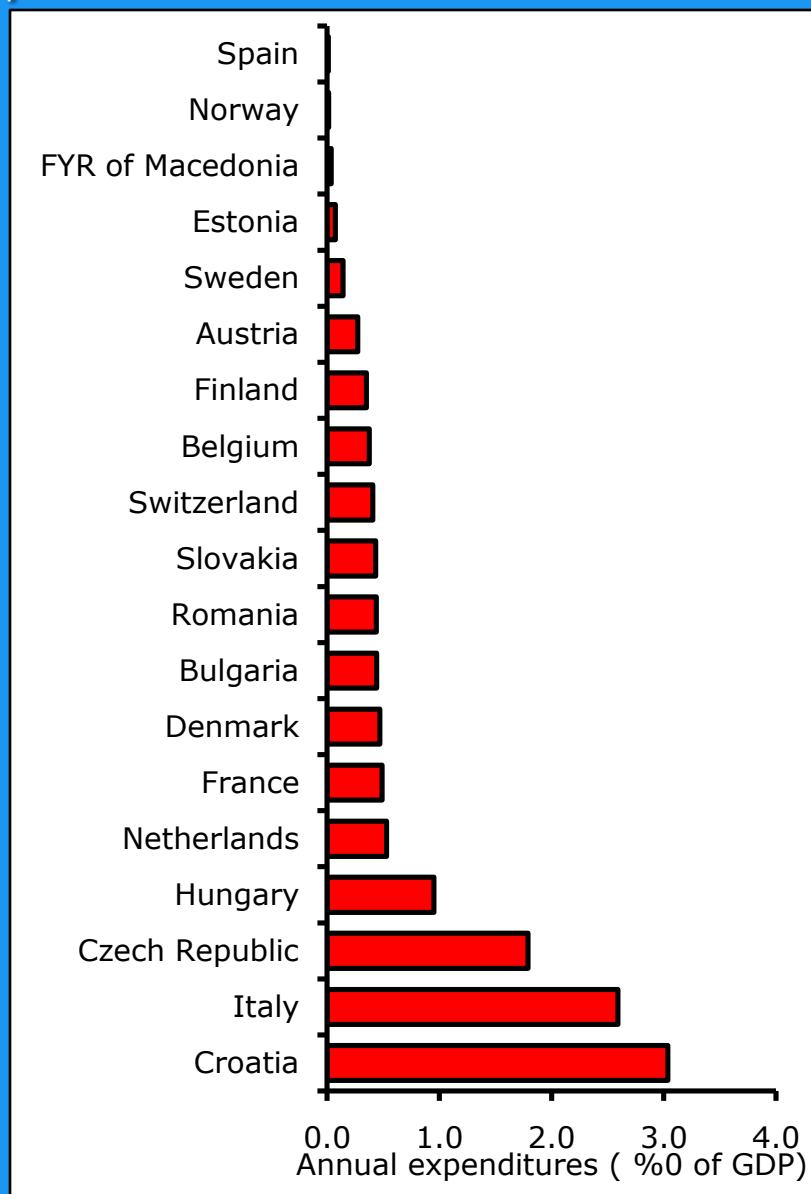
Values on top indicated total annual management expenditures (Meuro)
 Europe: weighted amount on available countries

Time coverage: 2005;

Czech Republic, Denmark, Netherlands, Spain: 2004.

Data source: EIONET priority data flows on contaminated sites (Soil contamination); www.eea.europa.eu

Annual national expenditures for management of contaminated sites per unit of GDP



Note: The graph shows annual expenditure for the management of contaminated sites as ‰ of GDP.

Data for Belgium only refer to Flanders.
Data for Italy only refer to Piemonte.

Time coverage: 2005-2006;
Netherlands, Romania, Spain: 2004.
Data source: EIONET priority data flows
(Soil contamination); www.eea.europe.eu

Points for Discussion – Study Tour 2010

- Policy study tour – ‘Brownfields’ financing mechanisms and approaches
- Topics of Interest – ‘Green taxes’, privatisation funds, EC funds (infrastructure?), public private partnerships for resource recovery, access to natural resources or ‘Brownfield’ renewal vs. ‘Greenfields’ (industrial/urban land) etc.
- Potential candidate countries for such a Study Tour Czech republic, Slovakia or Hungary. Others??



THANK YOU!

