

WESTERN BALKANS ENVIRONMENTAL HOT SPOTS PROGRAMME

Ministry of Spatial Planning and Environment
Montenegro

Dragan Asanović

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National priorities

National Priorities of Montenegro have been defined in following strategic documents:

- ✓ National Strategy for Sustainable Development;
- ✓ National Programme for Integration (NPI) of Montenegro into the EU for the Period 2008 – 2012.
- ✓ National waste management policy, 2004;
- ✓ Solid Waste Strategic Master Plan, 2005;
- ✓ Waste management plan 2008-2012;
- ✓ Spatial plan for Montenegro until 2020;
- ✓ Energy strategy.....

Hot Spots Project contribution to addressing defined national priorities

National priorities defined within the NSSD* which have been addressed by the Hotspots Project:

- Accelerate economic growth and development, and reduce regional development disparities ✓ Hot Spots
- Reduce poverty, ensure equitable access to services and resources
- Ensure efficient pollution control and reduction, and sustainable development of natural resources ✓ Hot Spots
- Improve public participation; mobilize and build capacities at all levels; ✓ Hot Spots

* NSSD – National Strategy of Sustainable Development of Montenegro

Hot Spots Project contribution to addressing defined national priorities

National Environmental priorities: *Remediation and close down existing disposal sites; Remediation of hotspots, i.e. sites heavily burdened with waste*

- Remediation of TMI and eliminating the risk of eventual breakdown of dam stability in Mojkovac identified as priority
- In 2003, MESP of Montenegro requested development of a Technical Design. The remediation and recultivation works started the same year
- Funds for this works where provided by:
 - Government of Montenegro, MTEP, Agency for Public Works
 - Government of Czech Republic
 - Government of the Netherlands - Western Balkans Environmental Programme through remediation of high priority hot spots: Montenegro country component- Mojkovac Lead and Zinc Tailing Mine Impound"

How did Hot Spots Project contribute

1. Clean-up activities

- Construction of waste water treatment plant in Mojkovac
- Remediation of the Tailing Mine Impoundment in Mojkovac

2. Public awareness and citizens participation and stakeholders engagement– national and local authorities, private sector, professional community, NGOs & general public

3. Strengthened capacity at national & local level for long term planning and project preparation and enhancing cooperation between national and local authorities

4. Provided significant experience that can be used for further national, regional project development and cooperation on Hot Spots / Brownfields

Current challenges

Identified challenges in Montenegro are:

1. Legislation
2. Finances
3. Organizational/ Institutional

Current challenges – legislation

- Transposition of the 2006/21/EC Directive on management of waste from the extractive industries into our national legislation is pending.
- The Law on Mining is not fully harmonized with relevant EU legislation.
- The problem of mining waste is addressed in a number of strategies and plans: in the National Strategy for Sustainable Development (NSSD) and Solid Waste Strategic Master Plan, through plans and projects for remediation of disposal sites, contaminated or potentially contaminated sites, and prevention of land degradation.

Challenges - Finance

1. Lack of finances to remediate the identified Hot Spots in Montenegro

Substantial funds are needed to address and remediate the identified hot spots in Montenegro :

- Tailing impoundments site “Suplja stijena” mine, Gradac - **In total: over 1,1 mil €**
- Coal mine Pljevlja- finishing remediation of abandoned sites (inactive pits) and waste deposit sites – approx. **930.000 EUR**
- Bauxites mine, Boksiti Niksic – for remediation of abandoned sites- approx. **24 million EUR**
- Aluminum factory Podgorica- for remediation of the “old” waste dump site- approx. - **1 mil \$**

2. Dependency on donor contribution

3. Lacking of eco-funds for addressing these issues

Challenges

Institutional - Organizational

- Institutional capacities on the local and national level
- Overlapping of responsibilities on the Institutional level
- Cooperation between Ministries in the area of environment protection, mining, economic development
- Human resources in Institutions and Organizations - relevant know-how

Current country priorities – incl. Hot Spots / Brownfields

1. MSPE plan to develop policy on mining waste by the end of 2010 in compliance with EU regulations
2. Mobilization of financial resources for addressing/ remediation of identified Hotspots / Brownfields
3. Enhancing capacities within local and national institutions for preparation of good project proposals to EU accession funds
4. Enhancing capacities at the national level to absorb funds for project implementation
5. Enhancing cooperation between Institutions and clarification of responsibilities

Other Hot Spots / Brownfields in Montenegro

Identified Hot spots /Brownfields in Montenegro are:

- The Lead and Zinc Mine “Brskovo” Mojkovac, tailings impoundment
- The Lead and Zinc Mine “Suplja stijena”, tailings impoundment
- Aluminum factory Podgorica, “old” waste dump site
- Steel plant HK Niksic waste dump site
- Bauxites mine, Boksiti Niksic
- Coal mine Pljevlja
- Thermal Power Plant, ash and sludge deposit site Maljevac
- Quarry – Velja Spilja, Tivat (Land degradation due to quarrying is also present throughout the country.)
- Shipyard Bijela, Sandblasting waste deposition

Next Steps

- Strengthening capacities to implement existing legislation and developing new legislation on mining and mining waste
- Capacity building activities
- Public awareness raising activities
- Regional cooperation

Regional cooperation

Priorities:

- Strengthening collaboration & exchange of experience
 - Experience and knowledge exchange
 - Joint programmes/ projects
- Exchange of experience on financing models (public private partnership, taxes, eco funds, etc.)
- Transposition and building capacities to implement relevant EU directives