



Kingdom of The  
Netherlands

United Nations  
Development Programme



**Regional Programme: "Strengthening capacities in the Western Balkans countries to address environmental problems through remediation of high priority hot spots"**

**Regional Team Meeting on Programme Progress  
Bečići, Montenegro, May 15th - 16th 2008**

**Presentation on project in Bosnia and Herzegovina**

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## Country presentation - content

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- Description of the problem;
- Results we want to achieve;
- Activities done/ongoing;
- Project in context of wider efforts.

# Project sites: sub-projects for Clean up

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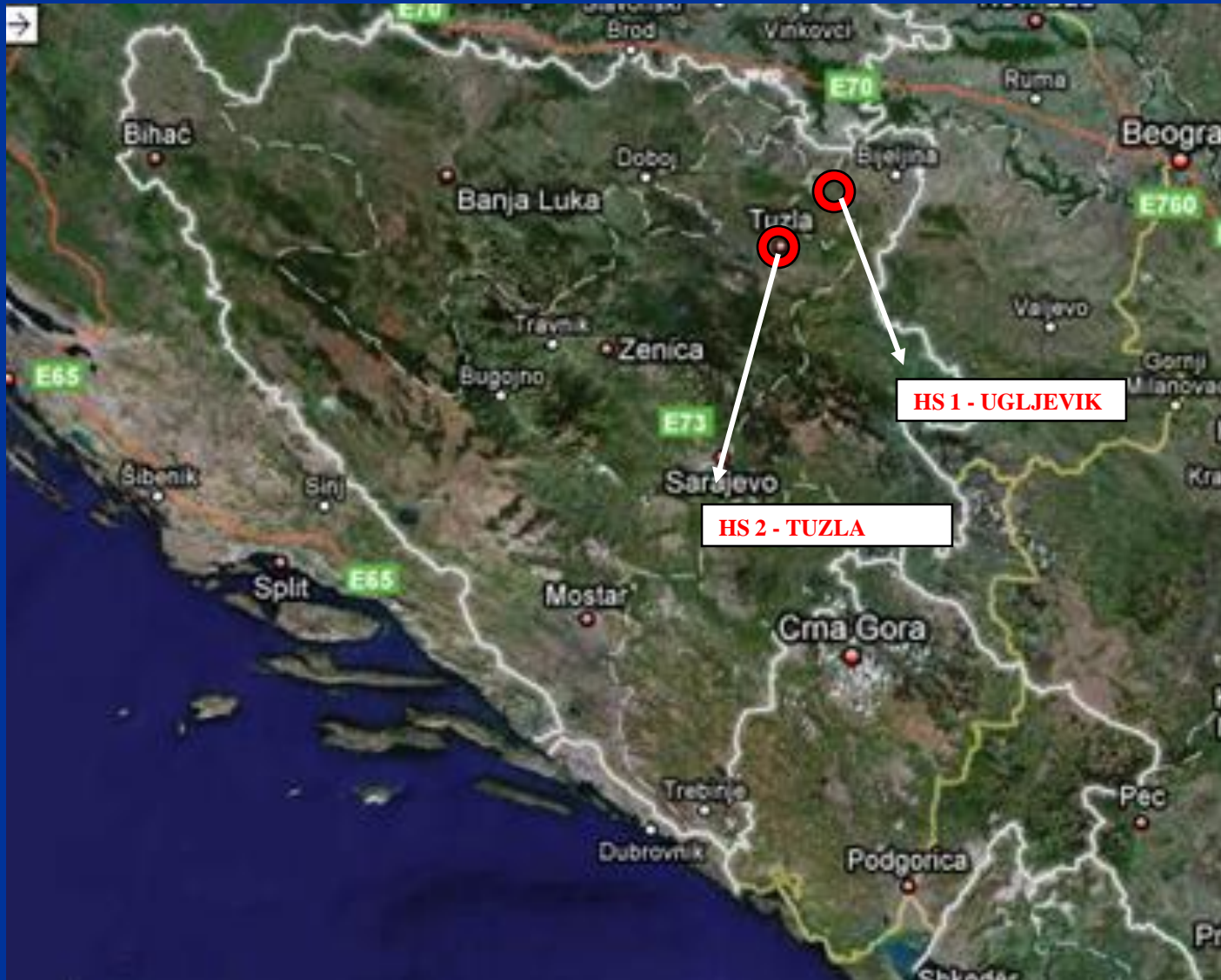


## 1. *Ugljevik Mine and Thermo-Power Plant:*

- “Re-construction of facility for de-mineralization/de-carbonation processes”, (waste water discharges reduction);

## 2. *Tuzla Town*

- “Reduction of air pollution by connecting of University Clinic Centre to the central Heating system”.



# Problem in focus – Ugljevik site



- **Capturing of huge amount of water from the river;**
- **Import of certain amount of chemicals from other countries;**
- **Weak monitoring of the process;**
- **Discharge of 120 t of salts into the river per year.**







# Ugljevik site - Results of the project will be

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- Improvement of technology;
- Less water to be captured from the river;
- Savings to be made in further exploitation –and savings for economy (abt 40% less chemicals to be in use;
- Automatic monitoring on permanent basis to be applied
- Concentration of salts in Waste water to be reduced for 40% (environmental effect)

# Tuzla site – main problem



- Power Plant located near the Hospital Building and within urban zone of Tuzla;
- Only coal as energy source (CO<sub>2</sub>, SO<sub>2</sub>..., specific smell)
- Direct impact on air pollution;
- Monitoring applied but only concerning few polluters on ad hoc basis;
- Transportation, storage of coal, ash disposal;
- Efforts of Clinical Center to obtain internationally recognized certificates







# Tuzla site – expected results

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- Central heating system of the Town can satisfy needs of Clinical center during heating season (Oct. – Apr.);
- Efficient utilization of existing resources;
- Reduction of air pollution as direct benefit to environment and people;
- Elimination/significant reduction of problems caused in process of transportation, ash disposal, storage;
- Improvement of communal infrastructure
- Contribution to overall picture of Clinical centre and Town (certification process)

# Activities done/ongoing

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- Memorandum of understanding with partners prepared and signed – Tuzla March 05, 2008;
- ToRs for all three activities developed;
- Tender/Vacancy notices published in accordance with procedure (Selection of consultants in process);
- Preparation of Master design by partners in Tuzla and Ugljevik (part of self-contribution);
- Participation (presentation of the Project) to events in Bosnia and Herzegovina (WS organized by USAID)

# Project in context of other related activities

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- Both of sub-projects are directly in function of implementation of NEAP and LEAPs of two municipalities;
- Full compliance with national legislation (demo-sites) and in accordance with int'l obligations of BiH;
- Reduction of pollution with trans-boundary effect supports position of BiH in international communication;
- Achievement of higher standards in production – contribution to EU approximation;

**Thank you for your attention**

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**Welcome to cleaner and nicer  
Bosnia and Herzegovina.**