



# MUNICIPALITY OF RUSE

## **PROJECT:**

### **CLOSURE AND RECLAMATION OF EXISTING MUNICIPAL LANDFILL ON THE TERRITORY OF RUSE MUNICIPALITY**

#### **General project information**

Financing: OPERATIONAL PROGRAMME ENVIRONMENT 2007 – 2013

#### **Project duration:**

- 2 years (24 months) for construction;
- 3 years (36 months) for biological reclamation.

#### **Main objective of the project:**

Reclamation of existing municipal landfill.

#### **General project information**

Specific objectives:

- Disposal of tar waste;
- Safe exhaustion of the produced gases;
- Landfill isolation from ground water and atmospheric water;
- Recovery and rehabilitation of the ecological situation in the region;
- Environmental monitoring;
- Providing reclamation measures.

#### **Financing:**

- Total cost: 22 411 594, 40 BGN
- Financing from the Enterprise for management of environmental protection activities:  
22 411 594, 40 BGN

#### **History:**

- The landfill functioned in the 1970's;
- Disposal of oil-based products /tar/, as a result of which tar pits formed;

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- The landfill operated without project development and measures for protecting the geological environment from contamination spread;
- While the landfill was operating its thickness reached 23 metres.

**Area:**

- Approximate length 1200 m and width 250 m;
- The total area of the landfill amounts to 288,972 daa;
- The tar-contaminated areas that will be treated amount to 125 daa.

**Tar pits treatment:**

- 75 000 tons of crushed stone;
- 4 500 tons of ash /2 850 tons slack lime/;
- 950 tons of ash.

**Biological reclamation:**

- Grassing and afforestation of 191 300 m<sup>2</sup>;
- Landscape afforestation of 15 metres along the periphery;
- Species for grassing: ryegrass, white clover and meadow plants;
- Species for afforestation: oak, lime, hawthorn, elm, sumac, lilac, etc.

**For information:**

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