

Training And Awareness Rising Campaigns Regarding The Potential Human Health And Environmental Risks Associated To Hazardous Substances And Waste (TARCHS)



HAZARDOUS WASTE : MANAGEMENT AND RISKS FOR ENVIRONMENT AND HEALTH

Authors:

Magdalena Chiriac
Fredrik Gaustad
Petra Ionescu
Deák György
Eirik Rudi Waerner et al.



MINISTERUL MEDIULUI



UNIVERSITAS Publishing House Petrosani
2017

Hazardous substances and waste pose a great risk to the environment and human health and require a strict monitoring and control regime. Under the REACH regulation on chemicals, substances classified as carcinogenic, mutagenic or having reproductive toxic effects may need authorisation to be used or placed on the market and also should be developed measures to protect the environment from the dangerous effects of substances. Waste Directive underlines that hazardous waste has the potential to cause harm to the environment and human health. Regardless of the source, unless we dispose of hazardous waste properly, it can create health risks for people and damage the environment. As a result, strict controls apply from the point of its production, to its movement, management, and recovery or disposal. A lack of knowledge in this information from EU legislation can have significant and irreversible impacts on the environment and on the human health.

- **Partners**

Project Promoter:

National Institute for Research and Development in Environmental Protection (INCDPM), Bucharest, Romania

Project Partner 1: Environmental Protection Agency (EPA), Vrancea, Romania

2: Boost Global Innovation AS, Drammen, Norvegia

3: InErgeo AS, Drammen, Norvegia

4: Hjellnes Consult AS, Oslo, Norvegia

- **Project Coordinators**

Project Manager: Eng. Deák György PhD. habil, Scientific Researcher I

Project Communication Responsible: Biochim. Chiriac Magdalena, Scientific Researcher I

Implementation Expert: Dr. chim. Ionescu Petra, Scientific Researcher II

- **Period**

07.2015 – 04.2017

- **Financed via**

EEA Grants, within Programme RO 04 – Reduction of hazardous substances, Second Call – Formation and awareness campaigns

Objectives

The general objective of the project is strengthening the institutional capacity of environmental protection agencies from the South-Eastern development region and other public entities from the same region, having environmental responsibilities for implementation and enforcement of EU legislation and policies on hazardous substances and waste in order to ensure a better monitoring of their environmental and human health potential impact.

Specific objectives:

- Institutional capacity building, facilitating collaboration between the Romanian governmental authorities and the Donor states
- Raising awareness on hazardous substances and waste at regional level
- Minimizing the impact of substances and hazardous waste on the environment and human health.

Results

- Training and certification of 9 employees from public authorities in the ecotoxicology and toxicology field (long term training in Norwegian University of Life Sciences NMBU)
- 2 pilot projects (toxicology and ecotoxicology) realized in SE Region
- Awareness and information campaign for public authorities in SE Region regarding the need to implement the EU regulation in the chemicals and hazardous waste field and to monitor hazardous substances in the environment
- Short term training of 102 employees from public authorities on implementing EU regulation in the chemicals and hazardous waste field
- Awareness and information campaign for population and economic operators regarding the risks associated to substances and hazardous waste
- Study visit in Norway for long term training participants
- Exchange visit in Norway for 16 representatives of participants in short term training and Romanian partners
- Newsletters, with news in the project implementation, posted on website
- The dissemination brochure distributed within the final meeting
- Brochure for public authorities – “Regulations regarding Hazardous Substances and Waste”
- *Good Practice Guide* “Hazardous waste: Management and risk for environment and health” published bilingually in Ro-En
- Movie with the presentation of the main activities and results obtained
- 2 scientific papers published in BDI indexed journals

OUTPUT	INDICATOR	REACHED
Improved knowledge and skills of professionals from public authorities regarding the long-term impact of hazardous substances and waste on the environment and human health	8 public authorities employees long term trained and certified in ecotoxicology and toxicology	9 employees
Awareness raising among public authorities regarding the necessity to implement EU legislation related to hazardous substances and waste and the necessity to perform a monitoring of their environmental fate	1 Awareness campaign	1 campaign
Improved knowledge and skills of professionals from public authorities regarding the EU legislation on hazardous substances and waste	100 public authorities employees short term trained in hazardous substances and waste EU legislation	102 employees
Awareness raising among population regarding the associated risks of hazardous substances and waste for helping public authorities in environmental and health protection	1 Awareness and information campaign	1 campaign
Project dissemination	<ul style="list-style-type: none"> - billboard and permanent plaque - press conference (Final meeting) - web page - newsletter (6) 	✓





