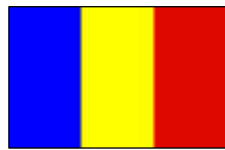




Twinning Project

PHARERO/06/IB/EN/06

Romania - North Eastern Region



## **Implementation and application of the environmental acquis focused on domestic waste management**

**Twinning Project romanian-spanish-dutch in REPA Bacău  
For Region 1 North-East/Moldova , Phase II**

**Seminar 4.2.a**

**Activity nr: 4.2**

REPORT ON THE VISIT TO ROMANIA					
<b>COMPONENT</b>	4 Technically Focussed Activities on Domestic Waste Management			Language	En
<b>4.2 Support to elaborate modern approaches related to the implementation of the future EU legislation requirements in the field of biodegradable household waste, seminar 1.</b>				Task	
Date of Arrival	5 October 2008	Departure	10 October 2008	Working Days	4
Surname	Veeken		Name	Adrie	
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### Summary of the Activity

Training program dealing with management of biodegradable household waste.

Discussions with participants which activities in the field of composting can be undertaken in this Activity 4.2.

### People with whom meetings have been held

	Name and Surname	Place of duty
1	Silvia Circu	Consiliul Judetean Botosani
2	Radu Gheorghies	NEG Neamt
3	Adrian Rimbu	NEG Iasi, Comisar
4	Lidia Joan	LEPA Botosani, waste management
5	Sorin Grindei	LEPA Botosani, Executive Director
6	Eugen Mateciuc	LEPA Botosani, chief of service of IPM

7	Aurora Popa	School Stancesti, Director
8	Maria Bodas	School with classes I-VIII Nr 12, Botosani – Director (teacher biology)
9	Dana Boariu	LEPA Botosani, WM
10	Mihaela Ambarus	REPA Bacau, WM
11	Anca Verbuta	LEPA Bacau, WM
12	Luminita Curtman	Ecoschool Catamarasti, Director
13	Constantin Caraei	Municipality, advisor
14	Camelia Pascan	LEPA Suceava, WM
15	Irina Petruc	LEPA Iasi
16	Elena Moldovianu	LEPA Neamt
17	Daniel Alecu	School Stancesti Mihai Eminescu – Teacher
18	Irina Lutuc	School Nr. 12 Botosani
19	Maria Iuliana Vreme	School teacher, grup scolar Jud. .... Botosani
20	Andreea Florentina Valenciuc	School Industry “Elie Radu” Botosani, teacher environm.
21	Elena Sleghel	School 12 Botosani – teacher and coordinator ecoschool

## Activities performed

- Monday 6 (Bacau):
  - o 10:00 – 16:00
    - Settle final program
    - Discussion on possible composting initiatives within the Twinning
- Tuesday 7:
  - o 10:00
    - Introduction to workshop
    - Introduction of SenterNovem
    - Integrated Waste management - general, introductory video
  - o 13:30 Coffee break
  - o 13:45 – 15:30
    - Development of integrated waste management in the Netherlands
    - Household Waste Management on City Level (Nijmegen)
- Wednesday 8:
  - o 09:30
    - Biowaste treatment in the Netherlands
    - Principles of composting in 5 modules – part 1
  - o 13:30 Coffee break
  - o 13:45 – 15:30
    - Principles of composting in 5 modules – part 2
    - Technical issues of composting
    - Discussions on options for biowaste/household waste management in Romania
- Thursday 9:
  - o 09:30
    - Quality aspects of compost
    - Selection of composting technology
    - Videos on school composting, large-scale indoor composting, large-scale outdoor composting and small-scale outdoor composting
    - Do's and don'ts in introducing composting initiatives
  - o 13:00 Coffee break
  - o 13:15 – 15:00

- Discussions on school composting, home composting and small-scale composting
- Inventory and discussions on selected composting activities in 2008-2009 Twinning programme

### **Visit's report (opinion about the activity and its degree of development)**

The participants of the workshop were very interested in the presented composting issues and came up with many questions, ideas and proposals.

During the discussions with participants the following activities were proposed for the next stage of Activity 4.2:

1. Monitoring of the implementation of composting bins in rural areas by questionnaires and waste analysis. For rural areas there is no other option than home composting (Galicia). It can be seen as a temporary option for a waste management system in transition (during development rural areas will change and growth in GDP will allow more advance waste management systems).
2. Complete school composting manual, add Romanian experiences and examples. The manual of Phase I is already used in several schools. Completing the manual and including Romanian practices is the last step. Prepare a practical classroom composting experiment that can be used for curriculum of 12-17 year old students. Develop a Compost Masters' program in schools to make students Compost Masters in order to disseminate home composting practices in Romania (there is no organisation like Flemish Vlaco to do this).
3. Small-scale community based composting in urban areas of Botosani.
4. Pilot project(s) on farm composting in rural areas in which manure waste and organic wastes are mixed. Look at World Bank website for Romanian initiatives. To solve the nitrate problem of manure. Nitrate problem also related to use of latrine pits.
5. Establish report and examples of the benefits of compost applications to be used for creating a market for compost. Possibly several field trials can be developed to show beneficial use of compost. Especially in organic farming where it is not allowed to use artificial fertiliser and in which organic matter is an important factor.

### **Activities to be performed by the Romanian counterparts**

Based on the proposed activities the Romanian counterparts have to do the following:

1. LEPA to find opportunities to develop questionnaire and waste sorting study; to be performed by University, LEPA, other?
2. Find schools to participate in school composting activities and Compost Master's program.

3. Find municipalities willing to participate in community based small-scale composting.
4. Find organisations and farmers to participate in farm composting. LEPA find out if household biowaste and manure can be mixed.
5. Find organisation to participate in field trials for compost.



This document does not necessarily represent the official position of the European Commission .

For PHARE projects information and comments: [cfcu.phare@mfinante.ro](mailto:cfcu.phare@mfinante.ro)

**Phare National 2006**

**Ministerul Mediului si  
dezvoltarii Durabile**