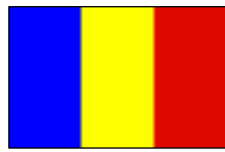




Twinning Project

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.c

Activity nr: 4.2

REPORT ON THE VISIT TO ROMANIA						
COMPONENT	3. SUPPORT IN THE DAILY ACTIVITIES			Language	ENGLISH	
TASK	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 3.					
Expert 1	Date of arrival	11/05/2009	Departure	20/05/2009	Working days	9
	Surname	Veeken		Name	Adrie	
	Institution	SenterNovem				
	Telephone	+31302147715	E-mail	A.Veeken@senternovem.nl		
Expert 2	Date of arrival	11/05/2009	Departure	15/05/2009	Working days	3
	Surname	Huisman		Name	Herman	
	Institution	SenterNovem, Waste Management Department				
	Telephone	+31302147907	E-mail	h.huisman@senternovem.nl		

Summary of the Activity:

A series of meetings were held in Bacau and Botosani with all groups of stakeholders involved in biowaste management and environmental awareness (total of 84 participants): representatives from the Ministry of Environment, NEPA, REPA, LEPA, NEG, NGOs, municipalities, waste management operators, school inspectorates and schools.

The opportunity was taken as well to complete or work on several written deliverables:

1. Regarding support for the problems regarding closure and construction of landfills, a brief document containing:
 - Description of possible public benefit schemes, with examples
 - Key factors to have the acceptance from the public, or which could cause strong opposition
 - Explanation about the rise in the real state prices nearby landfills due to increased economic activity
2. "Inter-municipal cooperation: statutes & subcontracting"
 - examples of good practices
3. "Benchmarking to improve waste management"

- This document is based on the work done in seminars 3.3.2.a and 3.3.2.b and presented in a document instead of a series of ppts.
4. Review of the document produced in Phase I by Belgians and Italians: “Methods to optimize waste data collection, storage and reporting”.

People with whom meetings have been held

	Name and Surname	Place of duty
1	Amalia Diaconu	School Inspectorate Bacau
2	Marius Huiban	REPA Bacau
3	Maria Ionos	LEPA Bacau
4	Paul Ciudin	LEPA Vaslui
5	Anca Angheluta	NEPA
6	Anca Verbuta	LEPA Bacau
7	Anisoara Popescu	Ministry of Environment
8	Mihaela Olaru	NEPA
9	Elena Moldovianu	LEPA Neamt
10	Radu Gheorghies	NEG Neamt
11	Corneliu Airinei	Brantner Servici Ecologice SA
12	Mihaela Hristea	Brantner Servici Ecologice SA
13	Mihaela Grigore	Municipality of Bacau
14	Mihaela Ambarus	REPA Bacau
15	Claudia Burca	NGO Iubim Natura Bacau
16	Oana Irimia	University of Bacau
17	Dana Chitimus	University of Bacau
18	Sebastian Jalba	Municipality of Bacau, office for env. Protection
19	Florin Suciu	NGO Iubim Natura
20	Irina Petruc	LEPA Iasi
21	Mihaela Holobica	LEPA Suceava
22	Cecilia Vicoveanu	Representative ISJ Botosani, Palatul Copiilor Botosani
23	Camelia Pascaru	LEPA Suceava
24	Ilie Aluculesei	Colegiul Economie O. Onicescu Botosani

25	Ovidiu Virgil Stadoleanu	NEG Iasi
26	V. Carmen Butmariu	Liceul Teoretic "N. Sorga" Botosani
27	Dumitrita Boghinciuc	LEPA Iasi
28	Maica Arsenia	Monastery of Agafton
29	Iuliana Maria Vreme	Grup Scolar de Industrie Usoara Botosani
30	Luminita Minerva Curtman	Ecoscoala Catamaresti-Deal
31	Aurora Popa	Scoala Stancesti
32	Magdalena Pavaleanu	Scoala Dumbravita
33	Costica Voinea-Axinte	Grupul Scolar Industrial "Elie Radu" Botosani
34	Delia Vieru	Grupul Scolar Industrial "Elie Radu" Botosani
35	Dana Boariu	LEPA Botosani
36	Luminita Timofte	Urban Serv SA Botosani
37	Angelica Dieaciuc	Urban Serv SA Botosani
38	Marinela Vieriu	Urban Serv SA Botosani
39	D. Ciocoiu	Urban Serv SA Botosani
40	Radu Corduneanu	Urban Serv SA Botosani
41	Sorin Roman	SC Predemet SA Podu-loaiei
42	Filip Petru	SC Pavracom SRL Botosani
43	Sorin Grindei	LEPA Botosani
44	Emilia Aflacailor	Municipality Trusesti
45	Lili Sulugiuc	Municipality Dorohoi
46	Puiu Sparhut	Municipality Stefanesti
47	Calistru Popescu	Municipality Hudesti
48	Ioan Macovei	Municipality Ungureni
49	Adina Coşescu	CTC N.V. Karpen
50	Alexandra Bâtrânu	NGO Veniti cu Noi
51	Vlăduţ Vărgău	NGO Veniti cu Noi
52	Mădălina Nistor	NGO Veniti cu Noi
53	Delia Barbălată	NGO Veniti cu Noi
54	Mihaela Dascălu	NGO Veniti cu Noi
55	Radu Funaru	NGO Veniti cu Noi
56	Ionuţ Rebegea	NGO Veniti cu Noi
57	Alexandru Cojocaru	NGO Veniti cu Noi

58	Georgeta Ilcoş	School Al. I. Cuza
59	Rodica Leonte	Casa Corpului Didactic
60	Maria Sin	School Al. I. Cuza
61	Maria Ciumete	NGO Veniti cu Noi
62	Pavel Lina	School Al. I. Cuza
63	Dan Remus Mitruţ	School Al. I. Cuza
64	Petru Ţurcanu	School Ferdinand I
65	Ion Creangă	School Gh. Vranceanu
66	Constantin Vătămănescu	School Nr. 9
67	Margareta Vătămănescu	School Ferdinand I
68	Berta Munteanu	School D. Mangeron
69	Lavinia Buşcă	School D. Mangeron
70	Maria Ojog	School Ferdinand I
71	Stelian Ojog	School Mihai Dragan
72	Adina Albu	School Inspectorate Bacau
73	Anișoara Țintaru	School Ferdinand I
74	Rodica Șorea	School V. Alecsandri
75	Emanuela Oiegar	School V. Alecsandri
76	Gigiola Ceunaș	School Ferdinand I
77	Dragos Florescu	School Ferdinand I
78	Alina Petrovici	NGO Veniti cu Noi
79	Adina Coșescu	CTC N.V. Karpen
80	Adriana Antohi	NGO Centrul Regional de Ecologie
81	Remus Lupu	NGO Veniti cu Noi

Activities performed

Tuesday 12:

9:00-10:00

Meeting with representatives from the School Inspectorate of Bacau

- Explain programme and results
- Show DVD with materials, give some printed copies of some of the materials
- Propose extension to the county schools, whenever possible

11:00-16:00

Course to NEPA, REPA, LEPA's & NEG from Bacau, Neamt and Vaslui, waste management operators of those counties, on:

- Presentation of DVD on home composting
- Implementation of separate collection and composting of biowaste: key aspects to make it a success
- Communication and awareness campaigns on home composting

16:00-18:00

Preparation of written deliverables in collaboration with REPA Bacau and Twinning office

- Compost quality and marketing
- Examples on communication and awareness campaigns on home composting

Wednesday 13:

10:00-14:00

Compost masters course to NEPA, REPA, LEPAs & NEG from Bacau, Neamt and Vaslui, and corresponding county councils and main municipalities:

- Open air windrow composting facilities (based on manual from ORBIT Association)
- Compost quality and marketing (based on guidelines by Adrie Veeken)
- Delivery of diplomas

15:00-17:00

Time for preparation of written deliverables and report in collaboration with REPA Bacau and Twinning office.

Thursday 14 (Botosani):

10:00-13:30

Course to stakeholders involved in school composting programme on:

- Compost reactor experiment (trying to improve based on the lessons learned from the results in Bacau)
- Materials included in the DVD on school composting

13:30-16:00

Course to NEPA, REPA, LEPAs & NEG from Botosani, Iasi and Suceava, waste management operators of those counties, on:

- Open air windrow composting facilities (based on manual from ORBIT Association)
- Compost quality and marketing (based on guidelines by Adrie Veeken)

Friday 15 (Botosani):

10:00-14:00

Compost masters course to LEPAs & NEG from Botosani, Iasi and Suceava, and corresponding county councils and main municipalities:

- Presentation of the DVD materials
- Presentation of DVD on home composting
- Implementation of separate collection and composting of biowaste: key aspects to make it a success
- Communication and awareness campaigns on home composting
- Delivery of diplomas

15:00-17:00

Time for preparation of written deliverables and report.

Monday 18 (Bacau):

9:00-14:00

Preparation of written deliverables in collaboration with REPA Bacau and Twinning office.

14:30-17:30

Course to stakeholders involved in school composting programme on:

- Study and conclusions of the compost reactor experiment
- Materials included in the DVD on school composting
- Delivery of diplomas

Tuesday 19 (Bacau):

9:00-17:00

Preparation of written deliverables in collaboration with REPA Bacau and Twinning office.

Activities to be performed by the Romanian counterparts

Preparation of videos on school composting and bioreactor experiment for school composting DVD.

Implementation of school composting materials in school programs and of bioreactor experiment in curriculum of e.g. biology classes

Thorough dissemination of home composting materials on regional and county level involving NGO's and municipalities

Visit's report

The activities result in the following findings and recommendations:

- Implementation of composting activities (separate collection, central composting, home composting, community composting, farm composting) has to be supported and subsidized by a national or regional program. It cannot be left to the municipalities and the private market alone as they do not have the knowledge and capacity to do this. Building separate collection, composting facilities and compost markets is a delicate chain process, which can only stay in balance when it is developed gradually, based on experiences.
- Home composting and source separation followed by central composting is not merely a technical problem. The success will depend on formulating intensive communication and awareness campaigns to motivate the public and show how they can do the job.
- School composting activities are an excellent opportunity to strengthen home composting programs. Not only are students the next generation but they are also the link to home composting activities in their own families. Moreover, composting activities at school can be used as demonstration sites for the public.
- Active involvement of the Twinning project team would be desirable in coming months to get the developed school composting materials in the curriculum of the (Eco-) schools via School Inspectorates.



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

For PHARE projects information and comments: cfcu.phare@mfinante.ro

Phare National 2006

**Ministerul Mediului si
dezvoltarii Durabile**