

TWINNING INTERIM QUARTERLY REPORT number: 2



EUROPEAN COMMISSION

**TWINNING PROJECTS
INTERIM QUARTERLY REPORT**

Project Title: Implementation and enforcement of the Environmental acquis Focused on soil/subsoil protection and ecological reconstruction

Partners: Regional Environment protection Agency of Timisoara,
BRGM – French Geological Survey,
IHOBE, Public Society of Environmental Management
Department of the Basque Government

Date: November 2008

TABLE OF CONTENT

SECTION 1: PROJECT DATA

SECTION 2: CONTENT

2A – BACKGROUND

2B – ACHIEVEMENT OF MANDATORY RESULTS

2C – ACTIVITIES IN THE REPORTING PERIOD

Steering Committee n° 1

Activity 2.1.2: Institutional capacity, case studies

Activity 2.4.1: Waste management: Monitor the implementation of the regional waste management plan

Activity 2.5.1: Air quality: Implementation of the action plans and programmes for air quality management

Activity 2.7.3 : Working group on methodologies: methodologies for soil investigation

Activity 2.9.1: Horizontal legislation- Implementation of the work plan

Activity 4.2: Communication; training program for public institutions

Activity 3.1.2: Preparation to work together: trainings, seminars

Activity 3.1.4: Soil pollution by mining activities

Activity 3.1.6: Inorganic residues and waste

Activity 3.1.8: Salted water from petroleum extraction, petroleum pollution

2D – TIMING AND DELAYS

2E – ASSESSMENT

Co-financing issues

Investment

Side letters

The twinning WEB page

Cooperation with other projects or twinings

ANNEXES

Twinning Contract number: RO 2006/IB/EN/03

Section 1: Project data

| | |
|--------------------------------------|--|
| Twinning Contract Number | RO 2006/IB/EN/03 |
| Project Title: | Implementation and enforcement of the Environmental acquis Focused on soil/subsoil protection and ecological reconstruction |
| Twinning Partners (MS and BC) | Regional Environmental protection Agency of Timisoara, BRGM – French Geological Survey, IHOBE, Public Society of Environmental Management Department of the Basque Government |
| Report Number: | 02 |
| Period covered by the report: | August, 16 th to November, 15 th |
| Duration of the project: | 16.05.2008 – 16.10.09 - 18 months |
| Rapporteur: | Danièle Fauconnier, RTA |

Section 2: Content

2A - BACKGROUND

During the reporting period (August, 16th till November 15th, 2008), activities have been going on according to the work plan developed at the beginning of the project in May.

The focal point of this second phase of the twinning concerns soil/subsoil protection in the west region ; the project will provide support to national environmental authorities, respectively to soil/subsoil Directorates in the Ministry of Environment and Sustainable Development (MESD) and the National Environmental Protection Agency (NEPA) and also REPAs and LEPAs from other regions.

Policy Developments

No developments concerning the relevant policy area occurred during this reporting period of the project.

Project Assumptions

All the assumptions of the project included in article 3 of Annex 1 of the Twinning Contract are fulfilled, which leads to the continuation of the activities in good conditions.

2B - ACHIEVEMENT OF MANDATORY RESULTS

During this second project quarter reporting period, **10 benchmarks** have been fulfilled in the different components and:

First steering committee was held in Bucharest to present focal point and daily activities during the period, May, 16th to August 15th.

Component II

Activity 2.1: Institutional Capacity

2.1.2 : Case studies, field visit and discussion in order to assist the air quality activity in LEPA Caras Severin and LEPA Hunedoara

Activity 2.4: Waste management

2.4.1: Monitoring of the implementation of the regional waste management plan

Activity 2.5: Air quality

2.5.1: Implementation of the action plans and programmes for air quality management

Activité 2.7: Soil/subsoil protection and ecological reconstruction

2.7.3 : Working group on methodologies: methodologies for soil investigation

Activity 2.9: Horizontal legislation

2.9.2: Implementation of the work plan

Component III: Soil/subsoil protection and ecological reconstruction

3.1.2: Preparation to work together: trainings, seminars

A report describing in detail the situation of the region regarding soil/subsoil pollution implementation has been prepared.

3.1.4 Soil pollution by mining and quarry activities

Continuation of the work on a case study, the aim is to investigate all the impacts of mining projects on physical and human environments.

3.1.6: Inorganic residues and waste

A report to define the relevant situations – type of industries, pollutants – for Romanian and French actors involved in this activity and the industrial context in West region has been prepared.

3.1.8: Salted water from petroleum extraction, petroleum pollution

A report to define the relevant situations – type of industries, pollutants – for Romanian and French people involved in this activity and to establish a list of sites concerned with this thematic in each judeth has been prepared.

Component IV: Communication

4.2: Training program for public institutions

- Communication strategy and training,
- Three steps in communication: information, communication, consultation,
- Seminar to create a resource center of “Environmental Education” and to establish a regional strategy for environmental education

2C. ACTIVITIES IN THE REPORTING PERIOD

Steering Committee in Bucharest :

Participants: 2 from Ministry, 2 from NEPA, 2 from REPA, Projects Leaders from France and Spain,

Duration of the activity (mission): September, 16th

Main output: During the first steering committee, the main results from a 3-month period, concerning focussed and daily activities were presented.

Objectives: To present events occurred during this First quarterly period:

- RTA and assistant/interpreter arrivals
- Organisation of kick off meeting
- Ten benchmarks fulfilled:
- Seminars on the focussed activity:
 - to analyse the situation in Romania regarding soil protection
 - concerning the impact of mining activities on soils
- 5 Working groups, 3 case studies and 4 seminars on 8 daily activities
- 11 experts missions
- 15% (47 days) of 319 days of expertise for the period

Component II

Activity 2.1

Reference number and title of **Activity 2.1.2** Institutional capacity, case studies
MS experts: Marie-Odile Guth

Duration of the activity (mission): 13-17 October 2008

Objectives:

The objectives of this mission were to make a synthesis of the evolution of the air quality monitoring network in 2008 regarding function, data validation and transmission, programs and plans for air quality management and to estimate the ways of functioning within LEPA of Caras Severin and Hunedoara on this topic. Many technical and practical recommendations have been proposed in order to improve the management and the monitoring of the automatic network.

Implementation:

The five days mission of the experts combined site visits and meetings with LEPA's staff from Caras Severin and Hunedoara for air quality management.

Recommendations and conclusions:

The LEPA's internal system remains rather centralized but it could be more efficient if the staff were given more responsibilities. We noticed a lack of initiative, the staff only reacts to orders rather than taking initiative to prepare synthetic interventions. During reunions, rarely does the staff take notes.

Activity 2.2

No activity during the reporting period.

Activity 2.3

No activity during the reporting period.

Activity 2.4

Reference number and title of **Activity 2.4.1** *Waste management, monitor the implementation of the regional Waste Management Plan*

MS experts: J. Villeneuve

Number of experts from the BC who participated and their departments of origin: 1 from NEPA, 2 from Ministry, 6 from REPA, 6 from LEPA, and 9 from Ministry of environment from Hungaria.

Duration of the activity (mission): 08-12 September 2008

Objectives: The mission intended to look at the possibilities to set up a « territorial contract on waste » to help the concerned stakeholders (Judetian council, municipalities) to implement the waste management plan being finalised (in LEPAs). In parallel, the objective is to give REPA the organisational means to monitor the regional waste management plan.

Implementation: The 4-days mission of the expert combined:

- meetings of preparation and debriefing with REPA staff on the first and last days,
- a seminar with Hungarian partners, on the third day, with the presentation on the WEEE management,
- a meeting with University of Timisoara to prepare a training draft.

Recommendations and conclusions: A concept of "training" through the University of Timisoara has been developed to reach these aims. The principle of a 2 weeks training session every 6 months, including both exchange and discussion groups and formal learning has been adopted. The content, participants and budget will be precised during the next mission in November.

The activities on the regional database have been converted into a training/information on WEEE management.

REPA wishes a complete view on the WEEE management and on the wastes transfert centers. This will be the focal point of the next mission."

Activity 2.5

Reference number and title of **Activity 2.5.1** *Air quality, implementation of the action plans and programmes for air quality management*

MS experts: E. Rivière

Number of experts from the BC who participated and their departments of origin: 6 from LEPA Caraş-Severin and 6 FROM LEPA HUNEDOARA.

Duration of the activity (mission): 13-17 October 2008

Objectives:

That mission aimed at studying the local conditions about the air pollution monitoring network development since last 2007. Two LEPAs have been investigated : Caras-Severin and Hunedoara. Timis and Arad LEPAs will be involved in the following mission in December 2008.

Implementation:

Main remarks show that :

- ⇒ The monitoring network does not work correctly, excepting specific stations or analysers as PM10 automatic ones.

- ⇒ The 2007 network has been enlarged in 2008 with new analysers (THERMO instead of ORION).
- ⇒ The LEPAs have to become autonomous (network management, data validation and transmission). They also have to set up working procedures in order to systematize and to check the daily workload.
- ⇒ Programs and plans for air quality management were written some months ago or are now being written but they didn't include concrete emission reduction measures, especially for short term actions. LEPAs seem to have some difficulties to mobilize local authorities and industrials.

Recommendations and conclusions:

Following mission will allow to complete the network working level conclusions on the whole Western region.

Activity 2.6

No activity during the reporting period.

Activity 2.7

Reference number and title of **Activity 2.7.3** Working group on methodologies : Methodologies for soil investigation

MS experts: Pierre Menger, Stefan Colombano

Number of experts from the BC who participated and their departments of origin: 1 from NEPA, 6 from REPA, 7 from LEPA, 1 from NEG, 1 from PETROM.

Duration of the activity (mission): 21-24 October 2008

Objectives:

The seminar's goal was to present investigation and diagnosis methodologies currently applied in the Basque Country (Spain) and France, focusing on most currently used tools for characterising soil, water and air. Further, the experts insisted on contaminated site management concepts based on risk assessment for human and ecosystems as well as risk management.

Implementation:

The 4 - days mission of the experts combined several meetings of preparation and debriefing with REPA staff on the first and last days.

During the seminar, were presented:

- Basque methodology concerning contaminated soils management,
- French methodology concerning contaminated soils management,
- Different steps for documentary study: historic and environmental studies, and stakes to be protected, identification of the targets,
- Common points between the two methodologies (Basque and French) concerning contaminated soils management,
- Behaviour of pollutants,
- Conceptual framework,
- Diagnosis of different parts: soils, water, air.

Recommendations and conclusions:

During the seminary closure, the participants expressed their wishes to get further training sessions focused on following topics:

- More specific cases on investigations,

- Specific training on remediation technologies with practical cases illustrating the theoretical background.

Possibilities to organise training sessions have been the subject of an informal meeting the day after the seminar between French, Basque and Romanian counterparts. , The detailed scope of these sessions will have to be confirmed later as they will depend on the participation of external stakeholders.

Activity 2.9

Reference number and title of **Activity 2.9.2** Horizontal legislation, implementation of the work plan

MS experts: Marc Lansart

Number of experts from the BC who participated and their departments of origin: 3 from REPA. for the working group and 2 the site visit.

Duration of the activity (mission): 30 september-03 october 2008

Objectives: This mission had several objectives:

- a synthesis on how to elaborate an environmental study for mining activities, especially for the "Deva Gold" documents which are going to be reviewed by REPA Timisoara;
- an examination of an urbanism project which affects a peatland (wetland classed Natura 2000, under the authority of the National Park), and also a site visit and discussion with the local actors;
- a presentation of the legal context of protected areas and its consequences on the urbanism plans, and planning studies;
- discussions regarding different documents: closure of a petrochemical society, setting piscicultural ponds and water courses in Natura 2000 sites.

Implementation: The 4 - days of the expert combined a meeting of preparation with REPA staff and working group activities on the second day, a study visit in an urbanism project which affects a peatland (humid area classed Natura 2000, under the authority of the National Park) and discussion with the local actors on the third day.

During the working group were presented or discussed:

- a presentation of the legal context of protected areas and its consequences on the urbanism plans, and planning studies;
- discussions regarding different files: closure of a petrochemical society, setting piscicultural ponds and water courses on Natura 2000 sites

Recommendations and conclusions:

During this mission, discussion took place with our Romanian colleagues about environmental assessments of urbanism projects and about the definition of their needs concerning this topic. And also, the programme for the next mission was established and could be the treatment of mining pollution.

Component III: Technically focussed activities

Activity 3.1.2

Reference number and title of **Activity 3.1.2** *Preparation to work together, trainings, seminars*

MS experts: Fantine Lefèvre, Dominique Darmendrail

Number of experts from the BC who participated and their departments of origin: 1 from NEPA, 1 from Ministry, 2 from REPA, 2 from LEPA, 1 from National Institute of Hydrology, 1 from Judeth council, 2 from town hall (Timisoara, Hunedoara) 2 from private societies: MITTAL STEEL Hunedoara and TMK-Reșița S.A.

Duration of the activity (mission): 08-09 September 2008

Objectives:

The subject of this seminar was to exchange on French and Romanian situations about contaminated soils and sites, Romania not yet having a large experience about it. Moreover, in 2007, France, after 15 years of experience, changed the methodology of contaminated soils management. Taking into account the fact that at present France holds the EU Presidency, it was also question about making a synthesis on the stage of the Soil Framework Directive, as a first version was presented in September 2007 by the Portuguese Presidency, which even today is a debate topic

Implementation: The 2 days of the experts combined a meeting of preparation with Romanian Ministry and the REPA staff the first day, a seminar the second day .

.During the seminar was presented:

- stage of the Soil Framework Directive,
- similarities between the French methodology in polluted soils and sites management and the future Romanian national strategy, which will be implemented at the end of 2008,
- two case studies from France on the management of the rehabilitation of industrial sites.

Recommendations and conclusions:

The Romanian environmental authorities want to expand informational diffusion from a regional level (Timisoara) to a national one and organise a seminar at the beginning of 2009 with the presence of Romanian and French Environmental Ministry and of BRGM.

Romania admits its lack of competence in several topics, especially in sanitary risk assessment and mitigation and for that reason, they need the French experience in order to improve the situation.

Activity 3.1.4

Reference number and title of **Activity 3.1.4: Soil pollution by mining and quarry activities**

MS expert: Bruno Lemière

Number of experts from the BC who participated and their departments of origin:

2 from REPA, 3 from LEPA Caras Severin, 4 from Moldomin..

Duration of the activity (mission): 04-07 November 2008

Objectives:

The aim of the present mission was to have an improved vision about the identification and the management of pollution and soil degradation as a consequence of mining and quarrying activities, and about the monitoring of remediation actions.

Implementation:

The 4 days of the expert combined a workshop on soil protection and contaminated sites clean-up, in collaboration with NEPA and REPA Bucharest (the présentation was: « Contaminated sites in the mining sector »), a meeting of

preparation with REPA staff the second day, a study visit the third day to Moldomin mine and a technical discussion about the impact of mining activities on soils the fourth day.

The objective of this second visit in this mine was accomplished during technical meetings and informal discussions. Supplementary technical information was provided. Then we had the opportunity to visit the Moldova Noua mine, a monitoring visit for which the opinion of LEPA is required.

During the meeting, the content of a future guide « Soil pollution by mining and quarry activities » was discussed.

Recommendations and conclusions:

The rapid evolution of the situation at Moldova Noua towards closure will require major attention from the LEPA and REPA and support from experts. It is preferable to maintain the follow-up and support activities for expert's missions for 3.1.5 activity.

Activity 3.1.6

Reference number and title of **Activity 3.1.6**: Inorganic residues and waste

MS expert: Valérie Guérin

Number of experts from the BC who participated and their departments of origin: 6 from REPA, 8 from LEPA, 1 from NEG and 1 from PETROM.

Duration of the activity (mission): 21-24 October 2008

Objectives:

The aim of this mission was to define the relevant situations, French and Romanian, for this focal Point

Implementation:

A working group was set on the 22nd of October. This working group aimed to define the industrial context in the West Region.

LEPAs have established a list of sites from each department, being relevant for this focal point. Among the identified sites, a steel plant site situated in HUNEDOARA department could be chosen for this focal point.

A visit of this site could be organized, with the experts' help having an XRF device in order to realize a first screening of the soil surface and measure the total content of metals. This will also permit to establish the importance of the contamination.

The expert presented also a case study from the French context.

Recommendations and conclusions:

The content of the next mission on this focal point was elaborated, based on the needs which have been highlighted by the participants. Several case studies would be presented, regarding:

- Steel plants,
- Non ferrous metal plants
- Chemical plants (fertiliser),
- Thermal power plants

We notice that there is a connexion between this focal point and the 3.1.7. activity, namely "substances carried by the air".

Activity 3.1.8

Reference number and title of **Activity 3.1.8** Salted water from petroleum extraction

MS expert: Valérie Guérin

Number of experts from the BC who participated and their departments of origin: 3 from REPA, 1 from LEPA, 1 from NEG and 1 from PETROM.

Duration of the activity (mission): 21-24 October 2008

Objectives:

The aim of this mission was to define the relevant situations, French and Romanian, for this focal Point.

Implementation:

Two working groups were set on the 21st and 22nd of October. The first one with REPA+PETOM+NEG was in charge to define the context in the West Region and next the second one, REPA+PETROM+NEG+LEPA (LEPAs from each department), established the list of sites relevant for this Focal Point. Among the identified sites, none has been selected to be studied by the experts.

Gaseous diffusion is a common aspect of the focal points, 3.1.8 and 3.1.7 (« substances carried by the air »).

Recommendations and conclusions:

The content of the next mission on this focal point was established according to the expressed needs:

- a presentation about hydrocarbons remediation technologies,
- the french legislation on all aspects related to petroleum branch,
- two case studies could be presented, one case on a depot or gas station, and another one on a petroleum park.

Component IV: Communication

Reference number and title of **Activity: 4.1.2** Trainings program for public institutions/Bases for communication with general public

MS experts: Myriam Duchêne

Number of experts from the BC who participated and their departments of origin:

- *Seminar on environmental education*: 2 from the Natural park: LUNCA MUREȘULUI, PORȚILE DE FIER -, 16 from Timisoara inspectorate school, 1 from Green Fundation and 1 from Eco club, 4 from REPA, 3 from LEPA, 5 from National Park: DOMOGLED – VALEA CERNEI, CHEILE NEREI – BEUȘNIȚA, SEMENIC – CHEILE CARASULUI, 1 from Timisoara shool, 2 journalists from Timisoara radio and newspaper.
- *Seminar on working tools with media*: 6 LEPA, 2 REPA, 1 NEPA, 2 journalists from television and newspaper.
- *Seminar on public meeting*: 5 from REPA, 6 from LEPA, 1 from NEG.

Duration of the activity (mission): 27-30 October 2008

Objectives:

The purpose of this seminar was to compare experiences and/or to review the technical basis on environmental education, working tools with media and public meeting; discussions with the written press and television journalists need to be established in order to improve press contacts and mutual trust.

Implementation:

The 4 days mission of the expert combined 3 seminars and a meeting of debriefing and preparation of future missions the fourth day.

The first seminar on environmental education organized by REPA and LEPA's, took place in order to create a resource center for environmental education, to organize exhibitions and meetings and to elaborate a training project in environmental education.

The other two seminars allowed to discuss on different thematics concerning in particular journalist relationship with public.

Recommendations and conclusions:

The content of the future mission, about “speaking to public” and the elaboration of guidelines regarding mentioned aspects were established. The focal point of course will be press relation.

Also, in the framework of the twinning, guidelines are to be elaborated which summarize the topics of the seminars “Animating a public reunion” and “Working with mass media”.

2D. TIMING AND DELAYS

All the scheduled missions have been updated so as to take into account the experts availability. Except the mission related to IPPC which is postponed until the beginning of 2009, no change occurred in the schedule.

| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|--|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|
| Activit. | | | | | | | | | | | | | | | | | | |
| PROJECT PREPARATION AND MANAGEMENT | | | | | | | | | | | | | | | | | | |
| | Preparation of the twinning covenant Steering committee meetings | | | | | | | | | | | | | | | | | |
| COMPONENT 1: KICK-OFF MEETING AND PROJECT COMPLETION | | | | | | | | | | | | | | | | | | |
| | Kick-off meeting (<i>Blanchard, Quintana, Guth MO, Combroux I</i>) Draft. final report and final symposium (<i>Blanchard F, Quintana I, Guth MO, Combroux I</i>) | 2 | | | | | | | | | | | | | | | | |
| COMPONENT 2: SUPPORT ON DAILY ACTIVITIES | | | | | | | | | | | | | | | | | | |
| 2.1 | Institutional Capacity: 2.1.1, Workshop (<i>Guth MO</i>) 2.1.2 Depth analysis step to optimise institutional capacity 2.1.3 Specific trainings on selected topics | | 5 | | | 5 | | | | | | | | | | | | |
| 2.2 | Environmental planning and policy: 2.2.1, 2 case studies 2.2.2 Organization support (<i>Papana A</i>) | | 3 | | | | | | | | | | | | | | | |
| 2.3 | Integrated permitting procedure: 2.3.1, 2 workshop, BREF documents, organization support (<i>Delacroix F, Courty O</i>) 2.3.2 SEVESO/IPPC (<i>Cros C</i>) | | 6 | | | | | | | | | | | | | | | |
| 2.4 | Waste management: 2.4.1, Monitor the implementation of regional West management. (<i>Villeneuve J</i>) 2.4.2 Optimize the data collection system (<i>Michel P</i>) 2.4.3 Autorisation for installations (<i>Lansiant M</i>) | | | | 5 | | | 5 | | | | | | | | | | |
| 2.5 | Air quality and climate change: 2.5.1, Implementation of actions plan (<i>Target A, Rivière E</i>) 2.5.2 Optimization of the reporting system on air quality 2.5.3 Reviewing/updating of climate change permits | | | | | | | 5 | | | | | | | | | | |
| 2.6 | Biodiversity and nature protection: 2.6.1, Updating biodiversity knowledge (<i>Dumeige B, Combroux I</i>) 2.6.2 Support for monitoring the status of the network of protected areas 2.6.3 Training on biodiversity for public institutions | | 4 | | | | | | | | | | | | | | | |
| 2.7 | Soil/subsoil protection and ecological reconstruction: 2.7.1, Int.seminar (<i>Menger P ou Castillo J, Guérin Vou Maton D</i>) 2.7.2 Working group on inventories (<i>Maton D ou Guerin V</i>) 2.7.3 Working group on methodologies (<i>Colombano S, Menger P</i>) | | | | | | | | | | | | | | | | | |
| 2.8 | Chemicals: 2.8.1, Introduction workshop (<i>Pichard A, Boudet C</i>) 2.8.2 Trainings and seminars, trained under REACH | | | | | | | 8 | | | | | | | | | | |
| 2.9 | Horizontal legislation: 2.9.1, Report on the existing situation 2.9.2 Implementation on the work plan (<i>Lansiant M, Parol A</i>) | | 5 | | | | | 4 | | | | | | | | | | |
| 2.10 | Structural instruments/structural funds: 2.10.1, Assess and support (<i>Delalande D, Lenglet G</i>) 2.10.2 Implementation on the work plan | | | | | | | | | | | | | | | | | |
| COMPONENT 3: FOCAL POINT ACTIVITIES: Soil/subsoil protection and ecological | | | | | | | | | | | | | | | | | | |

Twinning contract number : RO2006/IB/REN/03

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|
| reconstruction | | | | | | | | | | | | | | | | | |
| 3.1.1 Framework analysis in Timisoara region (<i>Maton ou Guerin, Menger</i>) | 6 | | | | | | | | | | | | | | | | |
| 3.1.2 Preparation to work together: trainings, seminars (<i>Maton D, Perrin JL ou Delporte V</i>) | | | | 4 | | | | | | | | | | | | | |
| 3.1.3 Preparation of supports: guidelines, manuals, procedures (<i>Colombano S ou Maton D, Menger P ou Castillo J</i>) | | | | | | | | | | | | | | | | | |
| 3.1.4 Soil pollution by mining and quarry activities (<i>Lemiere, Lansart</i>) | | 4 | | | | 4 | | | | | | | | | | | |
| 3.1.5 Ponds, sterile deposits, non-complying landfills (<i>Lemiere, Menger P ou Castillo J, Agricult : Baran N ; Gourcy L, Richert J</i>) | | | | | | | | | | | | | | | | | |
| 3.1.6 Inorganic residues and waste (<i>Guerin V, Menger P ou Castillo J</i>) | | | | | 2 | | | | | | | | | | | | |
| 3.1.7 Substances carried by the air (<i>Colombano S, Archambault A</i>) | | | | | | | | | | | | | | | | | |
| 3.1.8 Salted water from petroleum extraction, petroleum pollution (<i>Guerin V, Merly C</i>) | | | | | 2 | | | | | | | | | | | | |
| 3.1.9 Study visit to France for Romanian staff to their "twin partners" | | | | | | | | | | | | | | | | | |
| 3.1.10 Study visit to Spain for Romanian staff to their "twin partners" | | | | | | | | | | | | | | | | | |
| 3.1.11 Training program for future trainers (<i>Maton D, Colombano S</i>) | | | | | | | | | | | | | | | | | |
| COMPONENT 4: COMMUNICATION: Training program for public institution (<i>Duchêne M.</i>) | | | | | | | | | | | | | | | | | |
| 4.1 Discussion with people involved in the environmental problems to know the situation in Romania | | 4 | | | | | | | | | | | | | | | |
| 4.2 Communication basis | | | | | 4 | | | | | | | | | | | | |
| 4.3 Strategy of communication with public institution and civil society | | | | | | | | | | | | | | | | | |
| Number of activity per month | 4 | 5 | 5 | 2 | 5 | 7 | 4 | 2 | 4 | 6 | 4 | 4 | 3 | 4 | 3 | 2 | 3 |

Activities accomplished and number of days:

3

Next missions scheduled:



Future missions in 2009:



2E. ASSESSMENT

During this second Phase of twinning in Timisoara, the evaluation of project implementation is very positive. There is a good cooperation between all the involved parties and activities are taking place as anticipated in the contract.

The first steering committee took place in September and allowed a discussion with Ministry, NEPA and projects leader about the project implementation and also about study visits in France and Spain. The next steering committee is scheduled for December 11th.

Co-financing issues

For the co-financing issues, the same problem as mentioned in the first quarterly report occurred, the money for activities is not available at the beginning of the month and due to this issue, Romanian partners from LEPA did not have money available to assist at seminars or trainings organised in REPA Timisoara.

Investment

The budget for the investment for this twinning (computer, fax, scanner...) is now available and the different offers are being analysed in order to buy them as soon as possible.

Side letters

The objective of *side letter number 5* is to replace for the component 3: Focal point – preparation to work together, trainings, seminars – the expert Daniel Maton with another expert, Dominique Darmendrail. The reason of this replacement for the component 3 is the unavailability of D. Maton, the expert initially foreseen, for this mission.

The objective of *side letter number 6* is to replace for the component 3: Focal point – preparation to work together, trainings, seminars – the expert Vincent Delporte with another expert, Fantine Lefèvre. The reason of this replacement for the component 3 is the unavailability of V. Delporte, the expert initially foreseen, for this mission.

The objective of *side letter number 7* is for reallocations of the beneficiary country budget, in order to reallocate savings made in the beneficiary country budget from one line to another one, in particular concerning activities of the focal point.

The objective of *side letter number 8* is to replace for the steering committee the expert Ignacio Quintana with another expert, Ana Alzola (Spanish junior partner). The reason of this replacement for the component 3 is the unavailability of I. Quintana, the expert initially foreseen, for this mission.

The objective of *side letter number 9* is to adapt the budget lines in component 3, “printing and preparation of technical guides for contaminated sites”. The web site of the twinning has to be changed in order to introduce the different activities and the focal point in this second twinning. For that, we need a specific budget not included in the annex III. A line is added in component 3 and the initial budget is revised.

The twinning Web page

The twinning Website has to be modified in order to introduce the different daily activities (Institutional Capacity, Environmental Planning and Policy, IPPC, Waste management, Air quality, Biodiversity, soil/subsoil protection, Chemicals, Horizontal legislation, Structural instruments) and the focal point “soil/subsoil protection and ecological reconstruction” in this second twinning. For that, we need a specific budget not included in the annex III and we had to adapt the budget lines in component 3, “printing and preparation of technical guides for contaminated sites” . The Website is now achieved, including the objectives of this twinning for each activity, with also a possible link towards the first twinning.

Cooperation with other projects or twinings

A seminar on environmental education organized by REPA and LEPA took place, in the presence of his Excellence the Ambassador of France to Romania, and of representatives from the town hall of Timisoara and of the French Cultural Center. During the discussion, several ideas were launched: to create a resource center for environmental education, grouping educational tools for the actual and future environment, a center for all actors, to organize exhibitions and meetings, to elaborate a training project in environmental education. The participants are invited to establish a regional strategy for environmental education in order to scale down the impact of actions (Natural park of LUNCA MUREȘULUI, PORȚILE DE FIER, National park of DOMOGLED – VALEA CERNEI, CHEILE NEREI – BEUȘNIȚA, Timisoara inspectorate school, REPA, LEPA, Timisoara shool Inspectorate, Timisoara ONG: Eco club, Green Fundation and journalists).

A national seminar is planned at the beginning of 2009 in Bucharest, on the thematic “soil and subsoil protection” with the French and Romanian Ministries. It is considered as an opportunity to discuss and to exchange about this thematic, taking into account the French experience. All REPAs and LEPA will be invited, and also societies in charge of the management to restore industrial sites.

ANNEXES:

Annex 1: Executive summary

Annex 2: Activities and benchmarks

Annex 3: Work plan Missions for 3nd and 4rd quarter

Annex 1: Executive summary

This is the second quarterly Report for Twinning Phase II for the period between August 15th, 2008, and November, 15th, 2008. During this period, ten benchmarks have been fulfilled.

The first Steering Committee on September 16th, was the opportunity to present the main results of the 3 passed months, concerning focussed and daily activities, 11 experts came and 15% of 319 days were used.

For the focal point, a seminar allows exchanges about French and Romanian situations concerning contaminated soils, between the regional and national administrations and organisms involved in soil protection.

The Romanian authorities want to expand informational diffusion from the regional level to a national one and organise a seminar in Bucharest in 2009, with the presence of Romanian and French Environmental Ministry.

Furthermore, the aim of the mission concerning “soil pollution by mining and quarry activities” (3.1.4) was to improve vision about the identification and the management of pollution and soil degradation as a consequence of mining activities and also about the monitoring of remediation actions.

All the stakeholders concerned for the activities “Inorganic residues and waste” (3.1.6) and “salted water from petroleum extraction” (3.1.8) discussed in working groups, in order to precise the next objectives of the missions.

For the “Daily activities”, 6 thematics were treated :

- 2.1.2: Institutional Capacity, case studies,
- 2.4.1: Waste mangement, monitor the implementation of the work management plan,
- 2.5.1 : Air quality, implementation of the actions plans and programs for air quality managment,
- 2.7.3 : Soil/subsoil protection, working group on methodologies, for soil investigation
- 2.9.2 : Horizontal legislation, implementation of the work plan,
- 4.1.2: Communication, working tools with media and public meeting, discussions with written press and television journalists.

A first seminar on environmental education, organized by REPA and LEPA's, took place in Timisoara. After the discussions, it is proposed to create a resource center for environmental education, grouping educational tools for the actual and future environment, a center for all actors, to organize exhibitions and meetings, to elaborate a training project in environmental education. The participants are invited to establish a regional strategy for environmental education in order to scale down the impact of actions.

The number of experts missions during this period is 14, and the number of days of expertise realized is 49.

The results during this period are : 6 seminars, 5 working groups and 6 site visits.

The project implementation will now continue for the third quarterly period with the focussed and the daily activities.

Annex 2: Activities and Benchmarks of the Twinning Project

Component 1: Kick off meeting and closure of the project

| | Activities | Benchmarks | Current Status |
|-----|------------------|---|----------------|
| 1.1 | Kick-off meeting | B1: Regional kick-off meeting held (by month 1) B2: Scope and focus of project activities defined for all stakeholders B3: Working groups established | X X X |
| 1.2 | Closing event | B1: Closing event held (by month 18) B2: Project activities evaluated B3: Final report drafted, B4: Future activities in the field discussed. | |

Component 2: Daily activities

Sub-component 2.1: Institutional capacity

| | | | |
|-------|---|---|--------|
| 2.1.1 | Workshop at regional level Assessment of the situation | B1: A common assessment of the situation including recommendations is established by month 3 B2: Technical exchanges on precise problems | X X |
| 2.1.2 | Depth analysis step Organization of training programs | B3: Recommendations for better efficiency in the field of individual career by month 5 B4: Proposal of adapted trainings by month 5 | X |
| 2.1.3 | Specific trainings | B5: Selected topics choose and reports drafted and disseminated among other partners by month 10 | |

Sub-component 2.2: Environmental planning and policy

| | | | |
|-------|---------------------------|--|-------------|
| 2.2.1 | Workshop and case studies | B1: Organisation of a workshop for Romanian staff by month 3 B2: Creation of : - a consultative committee, - a regional strategy for pedagogy on environment - a regional seminar on waste | X X X |
| 2.2.2 | Organization support | B3: Support to create or design by month 6: - A plan working group, - A decision making committee - A strategy - Priorities | |

Sub-component 2.3: Integrated permitting procedure

| | | | |
|--------------|-----------------------------------|---|----------|
| 2.3.1 | Workshops and study visit on IPPC | B1: General aspects and difficulties in the permitting procedure under IPPC presented and discussed by month 3 | X |
| | | B2: Discussions and debriefing after a study visit in a pig house , activity especially developed in the west region by month 3 | X |
| | | B3: Special training needs and the detailed training programme for the sub-component integrated permitting procedure defined (scope, contents, time schedule) by month 4 Support to create or design: A plan working group A decision making committee A strategy | |
| 2.3.2 | Workshop on Seveso directive | Working group on SEVESO plants concerned by IPPC regulation by month 10 | |

Sub-component 2.4: Waste management

| | | | |
|--------------|---|---|----------|
| 2.4.1 | Quality rules for the local partnerships | B1/ A synthesis of the stakeholders meetings on the guide programme is set up by month 4 Presentation of WEEE management with Hungarian partners | X |
| 2.4.2 | Support on the daily task of REPA/LEPA Optimize the data collection system | B2: Training sessions for REPA staff B3: Co-development of tools by month 7 | |
| 2.4.3 | Authorization of waste elimination (storage, incineration) | B4: Presentation of French/European legislation Site visits of waste deposits by month 12 | |

Sub-component 2.5: Air Quality and climate change

| | | | |
|--------------|--|---|----------|
| 2.5.1 | Implementation of the action plans and programmes for air quality management Workshop on climate change | B1: Detailed work program drafted and general guidelines drafted and approved by REPA by month 5 Exchange to study local conditions about the air pollution monitoring network development | X |
|--------------|--|---|----------|

| | | | |
|--------------|--|--|--|
| 2.5.2 | Workshop for the implementation of air quality monitoring Optimization of the reporting system on air quality | B2: Selection of an area subject to severe impact of industrial sources B3: Strategy concerning air quality monitoring networks by month 14 | |
| 2.5.3 | Updating of climate change permits Introduction workshop on emission trading | B4: Inventory of available information B5: Work on allocation methods by month 15 | |

Sub-component 2.6: Biodiversity and nature protection

| | | | |
|--------------|---|--|----------------------|
| 2.6.1 | Updating biodiversity knowledge | B1: Meeting with the stakeholder at local and regional level by month 3 B2: Training needs identified B3: Two case studies identified | X X |
| 2.6.2 | Support for monitoring the status of the network of protected areas | B4: Assessment of the compatibility between the existing protected area and Natura 2000 requirements and proposition of adaptation of their management plan for being in line with Natura 2000 requirements by month 3 | |
| 2.6.3 | Training on biodiversity for public institutions involved in nature protection sector | B5: Organization of two four days training by month 14 | |

Sub-component 2.7: Soil/Subsoil protection and ecological reconstruction

| | | | |
|--------------|---------------------------------|---|----------------------|
| 2.7.1 | Introduction seminar | B1: Organization of the activity B2: Set-up of working groups on inventories and on methodologies by month 2 | X X |
| 2.7.2 | Working groups on inventories | B3: Regular meeting of working groups by month 4 B4: Adapt the questionnaire of inventories for Romanian west region | X X |
| 2.7.3 | Working groups on methodologies | B5: Regular meeting of working groups by month 5, methodology for soil investigation | X |

Sub-component 2.8: Chemicals

| | | | |
|--------------|-------------------------------------|---|--|
| 2.8.1 | Introduction workshop on chemicals: | B1: General aspects and difficulties of chemicals legislation presented and discussed by month 11 B2: Special training needs and the detailed training programme for the sub-component chemicals | |
|--------------|-------------------------------------|---|--|

| | | | |
|--------------|---|--|--|
| 2.8.2 | Trainings and seminars related to chemicals legislation (REACH) | B3: Training sessions implemented and advice provided on general aspects of chemicals legislation including control and inspection of economic operators by month 15 | |
|--------------|---|--|--|

Sub-component 2.9: Horizontal legislation

| | | | |
|--------------|---|---|----------------------|
| 2.9.1 | Assess and support the implementation of horizontal legislation | B1: Assess the most recent inputs on horizontal legislation and evaluate the needs regarding the projects financed on structural funds B2: Case study concerning an environmental impact study for a permitting mining exploitation B3: Design a work plan by month 7 | X X |
| 2.9.2 | Implementation of the work plan Training on analysis of reports / case studies | B4: Two case studies analysis are conducted and opinion are given by month 5 | X |

Sub-component 2.10: Structural instruments/structural funds

| | | | |
|---------------|--|---|--|
| 2.10.1 | Assess and support the implementation of structural instruments (kick off meeting) | B1: Assess and analyse the regional, local network regarding the implementation of structural funds by month 12 | |
| 2.10.2 | Implementation of the work plan (on the job training on case studies) | B2: Working groups organized B3: Elaboration of tools B4: Support to elaborate regional committee by month 14 | |

Component 3: Technically focussed activities*Sub-component 3.1: soil/subsoil protection and ecological reconstruction*

| | | | | |
|---------------------------------|--------------|---|--|----------------------------------|
| Draft organization | 3.1.1 | Framework analysis in Timisoara region | B1: A Report describing in detail the situation of the region regarding soil/subsoil pollution implementation is prepared by month 2 B2: Staff, responsibilities, and work load for the focal point activities defined by month 2 B3: Recommendations for Romanian leys, documentation and inventories | X X X |
| | 3.1.2 | Preparation to work together | B1: A report presenting the proposed management structure and the needed equipment for soil/subsoil protection is prepared by month 4 B2: Seminar to exchange on French and Romanian situations about contaminated soils | X X |
| Guides/ technical tools | 3.1.3 | Preparation of technical supports : guidelines, manuals, procedures | Support in drawing up guidelines/manuals on soil pollution inventory, contaminated sites monitoring procedures, applied remediation methods,by month 12 | |
| Soil pollution by mining | 3.1.4 | Sector technical meeting | B1: Presentation of clean technologies recommended for mining industry. | X |
| | 3.1.5 | Work on a case study Elaboration of technical | B2: Work on a case study | X |

| | | | | |
|---|----------------|--|---|----------------------|
| | | tools | B3: Evaluation of the degradation caused by mining activities by month 3 B4: Identification and management of pollution and soil degradation caused by mining activities by month 6 | X X |
| Ponds, sterile deposits | 3. 1. 5 | Technical meeting Work on a case study Seminar on waste management and ground water management | Presentation of technical tools and approaches by month 7 Agriculture pollution and water protection Ground water protection and management by month 8 | |
| Inorganic residues and waste | 3. 1. 6 | Technical meeting Work on a contaminated site | B1: Identification of industrial sites Choice of the appropriate techniques Risk methodology application by month 10 | X |
| Substances carried by the air | 3. 1. 7 | Technical meeting Work on a contaminated site | Choice of the appropriate techniques Risk assessment and management by month 8 | |
| Salted water from Petroleum pollution | 3. 1. 8 | Technical meeting/ regional and national working group Work on case studies | B1: Identification of the needs in order to present appropriate case studies Training on assessing remediation projects for contaminated sites by month 9 Proposition of appropriate measures for closure or rehabilitation of a contaminated site by month 12 | X |
| Study visit in France | 3. 1. 9 | Organisation | Visit of achieved land rehabilitation projects by month 11 Meeting with ministerial experts | |
| Study visit in Spain | 3. 1. 10 | Organisation | Visit of achieved and on going land rehabilitation projects by month 16 Meeting with regional experts | |
| Training program Relation with NEPA and LEPA's | 3. 1. 11 | Evaluation of training needs Training program on soil/subsoil protection Participation to meetings of Coordination twinning and of meeting with other REPAs, advises and contributions | Reference skills for each target group are defined and training programme for each of the target groups is defined by month 2 List of future trainers on national/regional levels is established by month 16 A group of trainers on soil/subsoil protection is set up and fully aware of soil/subsoil protection and ecological reconstruction by month 2 A wide distribution of guidelines and methods set up in the Focal Point on soil/subsoil protection and ecological reconstruction Active participation of REPA Timisoara to the coordination activities with other REPAs and NEPA is ensured | |

Component 4: Communication

| | | | |
|-----|---|--|----------|
| 4.1 | Discussion with people involved in the environmental problems | B1: Work plan validated including by month 3: - Communication strategy - Training | X |
| 4.2 | Communication basis | - Communication of proximity | X |
| 4.3 | Strategy of communication with public institution and civil society Working group, Training programs | B2: Recommendations for next mission - Relationship with the press media - Website proposition - Contact database development By months 5, 11 and 16 | X |

Annex 3: Work plan Missions for 2nd quarter

| Calendar week Date | Objective | Activity | STEs | Status |
|------------------------------|---|-----------------|------------------------------|---------------|
| 31 WC 2008 28/07 – 01/08 | No mission | | | |
| 32 WC 2008 04/08 – 08/08 | No mission | | | |
| 33 WC 2008 11/08 – 15/08 | No mission | | | |
| 34 WC 2008 18/08 – 22/08 | No mission | | | |
| 35 WC 2008 25/08 - 29/08 | No mission | | | |
| 36 WC 2008 01/09-05/09 | No mission | | | |
| 37 WC 2008 08/09 – 09/09 | Soil/subsoil protection - Preparation to work together | 3.1.2 | D. Darmendrail F. Lefèvre | done |
| 37 WC 2008 08/09 – 012/09 | Waste Management – Monitor the implementation of the regional Waste Management Plan | 2.4.1 | J. Villeneuve | done |
| 38 WC 2008 16/09 - 17/09 | Steering Committee | PSC1 | F. Blanchard A. Alzola | done |
| 39 WC 2008 22/09 - 26/09 | No mission | | | |
| 40 WC 2008 29/09 – 03/10 | No mission | | | |
| 41 WC 2008 06/10 - 10/10 | No mission | | | |
| 42 WC 2008 13/10 - 17/10 | Air quality - Introduction workshop on air quality | 2.5..1 | E. Rivière | done |
| 42 WC 2008 13/10-16/10 | Horizontal legislation – Implementation of work plan | 2.9.2 | M. Lansart | done |
| 42 WC 2008 13/10 - 17/10 | Institutional Capacity – Depth analysis step to optimise institutional capacity | 2.1.2 | M.O. Guth | done |
| 43 WC 2008 21/10 - 24/10 | Soil/subsoil protection – Working group on methodologies | 2.7.3 | P. Menger S. Colombano | done |
| 43 WC 2008 21/10 - 22/10 | Soil/subsoil protection – Inorganic residues and waste | 3.1.6 | V. Guérin | done |
| 43 WC 2008 23/10 - 24/10 | Soil/subsoil protection – Salted water from petroleum extraction, petroleum pollution | 3.1.8 | V. Guérin | done |
| 44 WC 2008 27/10 - 30/10 | Communication – strategy of communication | 4.2 | M. Duchêne | done |
| 45WC 2008 04/11-07/11 | Soil/subsoil protection – Soil pollution by mining activities | 3.1.4 | B. Lemièrre | done |

Work plan Missions for 3rd quarter

| Calendar week Date | Objective | Activity | STEs | Status |
|-------------------------------------|--|-----------------|--------------------------------|----------------|
| 46 WC 2008 10/11 - 14/11 | No mission | | | |
| 47 WC 2008 17/11 - 21/11 | Waste Management – Monitor the implementation of the regional Waste Management Plan | 2.4.1 | J. Villeneuve | Planned |
| 47 WC 2008 17/11 - 21/11 | Environmental planning and policy – case studies | 2.2.1 | J.L. Sadorge | Planned |
| 48 WC 2008 24/11 - 28/11 | Soil/subsoil protection – Pond, steriles deposits, non-complying landfills - Agriculture | 3.1.5 | N. Baran | Planned |
| 49 WC 2008 01/12 – 05/12 | Air quality - Optimisation of the reporting system on air quality | 2.5.1 | E. Rivière | Planned |
| 49 WC 2008 01/12 – 05/12 | Soil/subsoil protection – substances carried by the air | 3.1.7 | S. Colombano A. Archambault | Planned |
| 50 WC 2008 08/12 – 12/12 | Biodiversity – training on biodiversity | 2.6.2 | D. Runette | Planned |
| 50 WC 2008 11/12 | Second Steering Committee | PSC2 | F. Blanchard | Planned |
| 51-52-53 WC 2008 15/12- 31/12 | No mission | | | |
| 02WC 2009 05/01- 09/01 | No mission | | | |
| 03WC 2009 12/01- 16/01 | No mission | | | |
| 04WC 2009 19/01- 23/01 | Soil/subsoil protection – Pond, steriles deposits, non-complying landfills - Agriculture | 3.1.5 | L. Gourcy | Planned |
| 05WC 2009 26/01- 30/01 | No mission | | | |
| 06WC 2009 02/02-06/02 | No mission | | | |
| 07 WC 2009 09/02-13/02 | No mission | | | |
| 08 WC 2009 16/02-20/02 | Soil/subsoil protection – Substances carried by the air | 3.1.7 | S. Colombano | Planned |

Work plan Missions for 4th quarter

| Calendar week Date | Objective | Activity | STEs | Status |
|---------------------------------|--|-----------------|------------------------------|----------------|
| 09 WC 2009 23/02-27/02 | No mission | | | |
| 10 WC 2009 02/03-06/03 | No mission | | | |
| 11 WC 2009 09/03-13/03 | Soil/subsoil protection – Inorganic residues and waste | 3.1.6 | V. Guérin | Planned |
| 12 WC 2009 16/03-20/03 | National Seminar in Bucarest on soil protection | 3.1.2 | D. Darmendrail F. Lefèvre | Planned |
| 13 WC 2009 23/03-27/03 | Air quality - | 2.5.2 | E. Rivière | Planned |
| 14 WC 2009 30/03-03/04 | Study visit in France | 3.1.9 | | Planned |
| 15 WC 2009 06/04-10/04 | Communication – | 4.2 | M. Duchêne | Planned |
| 16-18 WC 2009 14/04-30/04 | No mission | | | |
| 19 WC 2009 04/05-08/05 | Soil/subsoil protection | 3.1.6 | S. Colombano | Planned |
| 20 WC 2009 11/05-15/05 | Air quality - | 2.5.3 | E. Rivière | Planned |
| 21 WC 2009 18/05-22/05 | No mission | | | |
| 22 WC 2009 25/05-29/05 | Study visit in Spain | 3.1.10 | | Planned |