

# Seminar list of Twinning Bacau

---

## Activity 2 , Institutional Capacity

### 3 seminars in 2.2:

- 2.2.a : Analysis of the coordination between the different administrations for the integration of environmental protection in the regional development. 2 days, 2 experts.
- 2.2.b: Environmental information systems. 2 days, 1 expert
- 2.2.c: Analysis of legislative, organizational and interadministrative coordination proposals for the integration of environmental protection in the regional development. 2 days, 2 experts.

**1 seminar for evaluation and further proposals, act. 2.3, 2 days, 1 expert.**

## Activity 3.1 , Environmental Planning and Policy

### 3 seminars in 3.1.2:

- 3.1.2.a : Environmental awareness and communication. 3 days, 1 expert.
- 3.1.2.b: EU Environmental Policy and its consequences at national level. 3 days, 1 expert
- 3.1.2.c: Study of the case of the Operational Programme EFRD for the region of Galicia 2007 – 2013 and the procedure implemented to carry out Strategic Environmental Assessment. 2 days, 1 expert.

**1 seminar for evaluation and further proposals, act. 3.1.3, 2 days, 1 expert.**

## Activity 3.2 , IPPC

### 5 seminars in 3.2.2:

- 3.2.2.a : General model of ipp for industries. Ipp for new installations, practical example. Data validation with respect to PRTR. 2 days, 1 expert.
- 3.2.2.b: Collaboration model among public administrations to integrate the different conditionants. Colab. Romania – Spain. 2 days, 2 experts
- 3.2.2.c: Pigs and poultry farms. Waste, obtention of fuel. Biogas. 3 days, 2 experts.
- 3.2.2.d: Organic Chemicals. Fertilizers (N, urea, NO<sub>3</sub>, NH<sub>4</sub>). REACH. 3 days, 2 experts
- 3.2.2.e: VLE in bubble. Raffineries. Ipp for cement kilns. 3 days, 2 experts.

**1 seminar for evaluation and further proposals, act. 3.2.3, 2 days, 1 expert.**

## Activities 3.3 , 4.1, 4.2 y 4.3 – Domestic waste management

### 2 workshops in 3.3.2:

- 3.3.2.a : Beginning of the benchmarking programme for counties, public pools and awareness, examples of schemes of responsibility for the producer (WEEE, ELV...). 4 days, 1 expert.
- 3.3.2.b: Completion of the benchmarking and public pools subjects. Municipalities associations. 5 days, 1 expert.

### 3 workshops in 4.2:

- 4.2.a : Start of a pilot project on farm composting. Continuation of home and school composting projects. Awareness campaigns on these issues. 5 days, 1 expert.
- 4.2.b: Continuation of the project on farm composting. Continuation of home and school composting projects. 5 days, 1 expert.
- 4.2.c: Completion of the project on farm composting. Completion of home and school composting projects. 5 days, 1 expert.

### 5 seminars in 4.1:

- 4.1.a : Analysis of the main treatment alternatives for domestic waste. Dimensioning and financing of infrastructures. Environmental controls. 5 days, 2 experts.
- 4.1.b: Selective collection: pre-collection systems, systems for collection and transport. Characteristics, dimensioning, costs. 5 days, 2 experts
- 4.1.c: Landfill closure, degasification and use of energy, sanitary control of landfills. Admissibility procedures for residues and information management. 3 days, 1 expert.
- 4.1.d: Financing systems for waste management. Canon, tariffs, taxes, responsibility schemes... 3 days, 1 expert
- 4.1.e: Waste management projects financed by EU Funds. Examples. 2 days, 1 expert.

**1 seminar in 4.3:** Overview of the main consequences of EU legislation in relation with waste management. Actions performed by Madrid's city hall for their fulfillment. Establishment of legislation at local level to establish the obligations of the different stakeholders of an integral system for selective collection. 2 days, 1 expert.

**1 seminar for evaluation and further proposals** after all these seminars and workshops, act. **3.3.3**, 2 days, 2 experts.

## Activity 3.4 , Air Quality and Climate Change

### 3 seminars in 3.4.2:

- 3.4.2.a : Automatic air quality control networks. Plans and programmes for air quality management. 3 days, 2 experts.

- 3.4.2.b: Control and authorisation procedures for industrial emissions. Plans and programmes for the air quality management in an industrial area. 3 days, 1 expert
- 3.4.2.c: Climate change. Industrial emissions, mitigation and adaptation strategies, environmental awareness and communication. 3 days, 2 experts.

**1 seminar for evaluation and further proposals.** Identification of a possible integral project for air quality which could be presented for its financing with EU Funds. Spanish experience. Act. **3.4.3**, 2 days, 1 expert.

## Activity 3.5 , Biodiversity and Nature Protection

**3 seminars in 3.5.2:**

- 3.5.2.a : Measures for the conservation of areas and species of community interest. Monitoring and management plans. 3 days, 1 expert, 2 days another expert.
- 3.5.2.b: Conservation status and economical development in Natura 2000, studying practical examples of initiatives and use of diverse funds. 2 days, 1 expert, 2 days another expert.
- 3.5.2.c: Definition of procedures for the implementation of art. 6 of the Habitat Directive. Case study in relation to the statements of art. 6. 3 days, 1 expert.

**1 seminar for evaluation and further proposals**, act. **3.5.3**, 2 days, 1 expert.

## Activity 3.6 , Soil/subsoil protection and remediation

**3 seminars in 3.6.2:**

- 3.6.2.a : Policies and practical exercises on contaminated sites, starting from current regional cases. 2 days, 2 experts.
- 3.6.2.b: Risk assessment and practical exercises. 3 days, 2 experts.
- 3.6.2.c: Ecological risk assessment and analysis of specific issues. 2 days, 2 experts.

**1 seminar for evaluation and further proposals**, and possible future cooperations, act. **3.6.3**, 2 days, 2 experts.

## Activity 3.7 , Chemicals and REACH

**2 seminars in 3.7.2:**

- 3.7.2.a : Pre-register period under REACH. 1 day, 1 expert.
- 3.7.2.b: General seminar on the practical implementation of the REACH Directive after the pre-register period. 5 days, 2 experts.

**1 seminar for evaluation and further proposals**, act. **3.7.3**, 2 days, 1 expert.

## Activity 3.8 , Horizontal Legislation

**3 seminars in 3.8.2:**

- 3.8.2.a EIA and SEA procedures. Examples in relation to land planning and Natura 2000 areas. Public access to information. Differences EIA-SEA. 2 days, 3 experts.
- 3.8.2.b: EMAS and public access to environmental information. Measures to foster the adoption of EMAS. Benefits derived. 2 days, 2 experts
- 3.8.2.c: Environmental responsibility. Examples of different legislations, and implementation of the european Directive. Practical implementation of the legislation. 2 days, 2 experts.

**1 seminar for evaluation and further proposals, act. 3.8.3, 2 days, 1 expert.**

### **Activity 3.9 , Structural Instruments**

**4 seminars in 3.9.2:**

- 3.9.2.a : EU Funds management in the programming period 2007 – 2013. Software “Fondos 2007”. Study of an example of big environmental project. Local Operative Program and the Community Initiative Urban. 3 days, 2 experts.
- 3.9.2.b: Cohesion Fund 2007 – 2013. Examples of management of solid urban waste projects cofinanced by that Fund. Study of irregularities in concrete cases. 2 days, 2 experts
- 3.9.2.c: Certified expenditures control. Irregularities and corrections. Documentation and good audit tracking. 3 days, 1 expert.
- 3.9.2.d: Problems found in the implementation of environmental projects cofinanced by the EU. Risk management. Vigilance, monitoring and risk control. 2 days, 1 expert.

**1 seminar for evaluation and further proposals, act. 3.9.3, 1 day, 1 expert.**

# Detailed programmes

---

## Activity 2 , Institutional Capacity

**ACTIVITY 2.2.a.-** Analysis of the coordination between the different administrations for the integration of environmental protection in the regional development.

**Date:** 24 – 25 of July 2008. Number of days: 2

**Format:** Workshop.

**Spanish experts:** 2

**Participants:** from Spanish part, two experts in legal aspects of Environmental Management. From the Romanian part, representatives of the REPA Bacau, all of the LEPAs, the NEG, IB for the SOP Environment, Regional Development Agency, organizations with competences in the themes that are to be expounded, representatives of the administrations with competence in the promotion of industrial and economical development, to whom certain industries head to when they need new infrastructure, Apele Romane (Romanian Waters), County Council, local administration.

### **Themes to be debated:**

- 1.- Instruments for environmental diagnosis existing in the region.
- 2.- Systems of collecting information on environment. Basic indicators regarding the state of the environment.
- 3.- Analysis of the compromises made at the transposition of the Directives and the possibilities of compliance.
- 4.- Analysis of the existing financial instruments for exploiting the infrastructures and the management of environmental services
- 5.- Formulas of agreements between the environmental administration and economical promotion. Voluntary agreements with the industrial sectors in order to internalize environmental costs in the system.

6.- Analysis of shared competences between the Spatial Planning, Urbanism, and Environment. The methodology will include presentation of examples of success in the corresponding parts.

**Activities performed:**

1. day.-

Explaining methodologies of environmental diagnosis in Spain, and proposing the basic indicators and maintaining them updated.

Developing possibilities of organizing an environmental information system per region. Evaluating the acquired compromises regarding due dates in the compliance of environmental directives and exhibiting the reasons. Explaining examples of financial instruments used in Spain and the formulas of coordination between administrations and private firms for converting the industry in environmental friendly.

Examples of spatial planning and environmental integration to secure a durable development. Discussion and evaluation of the presented.

2. day.- Selection by the Romanian side of the most interesting proposals to be presented in a more detailed manner in the meeting of 2.2.c.

**ACTIVITY 2.2. b.-** Environmental information systems.

**Date:** 4 – 5 december 2008. Number of days: 2

**Format:** Workshop.

**Spanish experts:** 1

**Participants:** on the spanish side one expert in environmental information systems. From the Romanian part, representatives of the REPA Bacau, all of the LEPAs, the NEG, IB for the SOP Environment, Regional Development Agency.

**Objectives:**

1. Monitoring and updating of Regional and Local Environmental Action Plans: improvement and updating of the environmental and geographic information systems.

**Activities performed:** There will be a combination of the theoretical grounds and the study case of the Environmental Information System of Galicia.

1 day.-

- Information and communication technologies at the service of the Administration and the citizen.
- Legislation on environmental information.
- Models for environmental information systems.

2 day.- Creation and evolution of the Environmental Information System of Galicia. Study case.

**ACTIVITY 2.2.c.-** Evaluation of juristic proposals regarding organization and coordination between administrations in the scope of integrating environmental protection in regional development.

**Date:** 30 of March – 1 of April, 2009. Number of days: 2

**Format:** Workshop.

**Spanish experts:** 2

**Participants:** from Spanish part two Experts in juridical issues and environmental management. From the Romanian part, representatives from REPA Bacau, all the LEPA, NEG, IB for SOP Environment, Regional Development Agency, organizations with competences in the subject exposed, representatives in the competent administrations in the promotion of industrial and economic (where the industries head to when the need for new infrastructures arise) Apele Romane (Romanian Waters), County Council, local administrations.

**Objectives:**

- 1.- Formulas of the organization between administrations for the exploit of public services. Example of the Cooperation of Water and Waste in the region of La Rioja.

2.- Proposal of formulas and financial and fiscal instruments for the exploitation of infrastructures and management of all the environmental services adapted to Romanian needs. Application of the principle of responsible usage of resources.

3.- Proposals regarding coordination between spatial planning and environmental planning. Juristic and organizational aspects.

Presentation of examples that were succesful will be included in the different sections.

The possibility that the first day of activity should take place in Bucharest and the second one in Bacau is taken into consideration.

**Activities performed:**

1. day.-

2. day.-

**ACTIVITY 2.3.-** Evaluation analysis with recomendations.

**Date:** 2-3 of July, 2009. Duration: 2 days.

**Format:** Workshop.

**Spanish experts:** 1

**Participants:** The coordinator of the activity of "Institutional Capacity". From the Romanian part, the beneficiaries of the previous activities.

**Objectives:**

1.- Evaluation of the programme of activities implemented during the execution of the Project, and its impact on the beneficiary institutions.

2.- Identifying the strong and the week points in making the final recommendations.

**Activities performed:**

- 1 day.- General resumption of the performed main activities. Future needs.
2. day.- Recommendations regarding the different activities that are to be performed based on the analysis of the first day.

## **Activity 3.1 , Environmental Planning and Policy**

### **ACTIVITY 3.1.2.a.- Promoting environmental awareness**

Date: 17 – 19th of June 2008. Number of days :3

Format: Workshop.

Spanish Experts: 1

Participants: from the Spanish part, an expert in environmental communication and environmental awareness, with vast experience in the elaboration of successful campaigns which have a great impact on the society of Galicia. From the Romanian part, representatives from REPA Bacau and all the LEPAs.

Objectives:

- 1.- Explaining how the different environmental educational campaigns had been organized in different sectors: Waste, Energy, Transport, Air .
- 2.- Presentation of the results of the campaigns
- 3.-The target of the educational campaigns and projects: pupils, highschool students, society in general.
- 4.- Ways of financing and organizing different campaigns.

Activities performed:

Day 1.- Explaining the advantages and the need of implementing efficient environmental communication campaigns, stressing on the importance of the clarity of the message that needs to reach to the public. The methodologies used. Presentation of the possible ways of financing in organizing campaigns having the aim of spreading environmental information.

Day 2.- Classification of different campaigns:

Means of communication: radios, newspaper, TV, Internet.

Result of the campaigns: reduction of waste production, thanks to the pilot programs on home compostion, reduction of gas emission to the atmosphere thanks to the energy saving campaigns.

Stimulating environmental awareness: is based on campaigns that aim pupils, with materials like drawings, stories for children, competitions organized on the Day of the Tree, Day of the Water, Day of the Earth, which gives children the opportunity to learn and contribute to the informational process on environmental protection, sending messages to the public about the importance of preserving natural resources, and, by this, contributing in the improvement of quality of life.

Day 3.- Guided visits to installations that treat urban waste, in Galicia, with explanations provided during the guided visit. By these visits different social groups (pupils, students, foundations, delegations from other countries, associations) can learn about the infrastructure of the installations. The need for these visits is in constant rising.

The expert will explain the importance of the communication between the Regional Ministry of Environment and Durable Development in Galicia with universities from the region, in organizing courses and master courses on environmental protection and collaborating in the process of selecting internship students to work for public institutions. These courses help in the process of academic formation, offering better chances in employment.

**ACTIVITY 3.1.2. b)-** Communitary Environmental Policies and its consequences on state level

Date: 23 – 25 June 2008. 3 days.

Place:

- 23 of June, meeting in Bucharest with reponsibles of the Ministry of Environment and Sustainable Development to explain the advantage of creating a Network of Integrated Environmental Policies with local and regional representatives.

- 24 and 25 of June, meeting at REPA Bacau.

Format: Workshop.

Spanish experts: 1

Participants: from the Spanish part, an expert coming from the General Directorate for Environment of the European Commission. From the Romanian part representatives of the Ministry of Environment, REPA Bacau, and LEPA.

Purpose of the meetings :

- 1.- Providing the participants with the novelties of the Community Policies on Environmental Protection and instruments of implementation for the Member States as well as the way of implementation.
- 2.- The role of Structural Funds and Cohesion Funds in the development of the Environmental Policies. Implication of all the factors.
- 3- The importance of interdisciplinary networks and their planning. Creation of structures that guarantee the involvement of environmental policies.
- 4- The importance of providing information and increase social awareness regarding Environmental Policies.
- 5-Spain's experience: The Spanish Network of Environmental Authorities: advantages and aspects to be improved.
- 6- European Network of Environmental Authorities

Activities:

Day 1 - Place: Ministry of Environment and Sustainable Development in Bucharest. Presenting the Spanish Network of Environmental Authorities and the advantages of creating a similar institution in Romania, lead by the Ministry mentioned and with representatives belonging to local and regional authorities. Explaining the specific objectives, being those of monitoring and optimizing projects financed by Structural Funds and Cohesion Funds, guaranteeing the fulfillment of the normative regarding environmental policies and the adequate integration of environmental policies in all

the sectors under development. It will be explained as well the functioning and obligation of the European Network of Environmental Authorities and the possibility of taking part of it.

Day 2- Providing information to the representatives of REPA Bacau and LEPA's about the meeting in Bucharest with the representatives of the Ministry of Environment and Durable Development. The expert will speak about the importance of the Spanish Network of Environmental Authorities.

Day 3 – The role of Cohesion Policies in the development of environmental policies: the importance of implication of all factors. Presenting the way in which the Environmental Protection Counsel functions. The example of the Environmental Counsel in Galicia, COGAMA: organization and role. Insisting on the possibilities the Member States have that help them to obtain Community Funds provided that they fulfill certain environmental requirements. The expert will insist on the importance of providing information and on the importance of environmental awareness in the order that an Environmental Policy should be developed.

**ACTIVITY 3.1.2.c.-** Case study of the Operative Programme EFRD for the region of Galicia 2007 - 2013 and the procedure involved in the SEA.

Date: 28 - 29 May 2009. Number of days: 2

Format: Workshop.

Spanish experts : 1

Participants: from the Spanish part, an expert in management of Community Funds for Environmental Protection, with working experience in the Unit of Community Funds and Programmes of the Spanish Ministry of Environmental Protection, and experience as consultant in the use of community funds used in public administration. From the Romanian part, representatives from REPA Bacau and the LEPA's.

Objectives:

- 1.-Providing information about the elaboration, implementing and monitoring of the ERDF Operative Programme in the Region of Galicia.

2.- Detailed presentation of the environmental actions, mentioned in the special axe called "Environment, Hydrologic Resources and Risk Prevention".

3.- Presentation of measures of environmental integration, needed in the different axes of development.

4.- Monitoring system of the Operative Programme: foreseen environmental indicators .

5.- Phases of the procedures of the SEA of the ERDF Operative Programme, of Galicia. Methodology for the elaboration of SEA.

Activities performed:

Day 1 .- Presenting the elaboration of the ERDF Operative Programme, of Galicia, from the beginning to the present. Presenting the objectives to be reached, the short term objectives as well as the long term objectives. Analysis of each one of the 7 priority axes of development, with all the measures taken in order that environmental protection should be applied to each and every one of them.

Day 2.- Process of elaboration of SEA in the frame of the ERDF Operative Programme of Galicia. Level of detail of the SEA. Environmental criteria for the selection of priority projects that need to be approved of by the Monitoring Committee of the Operative Programme. The role of the Environmental Authorities in the Monitoring Committee. Possible negative effect of the Operative Programme and measures of prevention and correction. List of environmental integration indicators and of the environmental objectives included in the ERDF Operative Programme of Galicia.

**ACTIVITY 3.1.3.-** Evaluation analysis with recommendations.

Date: 2-3 of July, 2009. Duration: 2 days.

Format: Workshop.

Spanish experts: 1

Participants: Coordinator of the activity of "Environmental and Planning Policy".

Objectives:

- 1.- Evaluation of the formation programme, implemented during the execution of the project.
2. Implementation of new environmental structures according to the recommendations of the expert of this component.
- 3.- Identifying strong points and weak points for the final recommendations.

Activities performed:

Day 1.- General resumption of the main activities and evaluation of the level of implication of the beneficiaries. Future formation needs.

Day 2. – Recommendations regarding different activities that are supposed to be developed in the Environmental Planning and Policy.

### **Activity 3.2 , IPPC**

Romanian team asks for the following 11 items:

1. Integrated Permitting Procedure in Industrial sector. They want to analyse the all procedure coming from specific case-studies.
2. To develop a collaborative model between different public administrations to get the integration of their respective requirements in the IPPC permits. They want to know the Spanish experience in this field and they want to establish an information exchange procedure between Romania and Spain for this subject .
3. The procedure of issuing an IPPC permit for a new installation. They want to use a case-study where we can follow, one by one, all the different stages coming from the start to the final permit.
4. The Integrated Permitting Procedure related with hazardous Waste management. Incineration, co-incineration, FDR and CSR . Environmental constraints to give permits. List of Wastes that can be incinerated or co-incinerate in cement kilns. Environmental analysis of Methods for getting fuel from wastes
5. The integrated permitting procedure for chemical fertilizers industries, using nitrogen, urea y amonia nitrate.
6. Emission Limit Values in “bubble” situations. Case-studies about Refineries and Big Combustion Instalations.

7. The new regulation REACH in the IPPC procedure.
8. The Integrated Permitting Procedure in case of landfills that receive more than 10 t/day or with an overall capacity larger than 25.000 t.
9. The Integrated permitting procedure in the Organic Chemistry sector.
10. The Integrated permitting procedure in the installations for intensive rearing of pigs or poultry.

### **ACTIVITY 3.2.3 Evaluation analysis with recommendations**

The Spanish coordinator offers a continuous evaluation, that consists on a partial evaluation, seminar by seminar, in order to get a progressive improvement following the observations made by Romanian technicians.

A meeting 2 days long, will take place in the last stage of the programme. It will be conducted by a Spanish expert, who will evaluate, together with the Romanian team, if the seminars have achieved the aims scheduled in 3.2 : Integrated Permitting Procedure.

### **SUMMARY AND FINAL CONSIDERATIONS**

#### **ACTIVITIES 3.2.2. and 3.2.3.**

The following table summarizes the new activities scheduled.

Seminar		Date	Experts
Nr. 1	General model of ipp for industries Ipp for new installations, practical example	9 – 10 july 2008	Íñigo de Vicente
Nr. 2	Collaboration model among public administrations to integrate the different conditionants. Colab. Romania – Spain. Validation of data in relation to PRTR	23 – 24 october 2008	Carmen Canales Lucía Santolaria
Nr. 3	Pigs and poultry farms. Waste, obtention of fuel. Biogas.	24 – 26 nov. 2008	María Colmenares Miguel Rodrigo
Nr. 4	Organic Chemicals. Fertilizers (N, urea, NO <sub>3</sub> , NH <sub>4</sub> ) REACH	24-26 feb	Mariona Gubert Neus Chico
Nr. 5	VLE in bubble. Raffineries. Ipp for cement kilns.	24-26 june	Miguel Sousa Begoña Nava

Nr. 6	Evaluation and recommendations	13-14 july	A determinar
-------	--------------------------------	------------	--------------

In my opinion it would be interesting that technical staff from the MESD and the NEPA participate in seminars nr. 2 and 5, and technical staff from Apele Romane at seminar nr.2

### Work plan waste management: 3.3.2, 3.3.3

In activity 3.3.1 a detailed training and support programme has been defined.

#### **Activity 3.3.2: Support in the implementation of the specific requirements in the daily tasks in the waste management sector.**

This programme will be implemented through one 5-day workshop in Bacau, and one 4-day workshop also in Bacau, working with 2 experts from REPA, 1 from IB responsible for European Funds and 6 from LEPAs. Also participants of Municipalities and Counties will be invited as well as representatives of NGO's.

*RTA, 3 Dutch MS Experts / 13 days. Other resources (translation, interpretation, training materials).*

Workshop 1: June 30<sup>th</sup> till July 4<sup>th</sup> 2008

Workshop 2: January 26<sup>th</sup> till 29<sup>th</sup> 2009

#### **Activity 3.3.3: Evaluation analysis with recommendations.**

This program will be implemented through a 2-day workshop in Bacau, working with 2 experts from REPA and 6 from LEPAs. *RTA, 2 MS Experts, 2 Dutch / 4 days. Other resources (translation, interpretation, training materials).*

Workshop 3: June 29<sup>th</sup>- 30<sup>th</sup> 2009

Content:

- Raising Public awareness by drafting, and organizing a public poll (questionnaire) to investigate the attitude and perception of citizens towards waste services and willingness to separate waste fractions at source
- Defining performance indicators to assess and compare performance of waste services in selected municipalities
- Defining the relationship and responsibilities between duty of care of municipalities and activities of service providers of producers responsibility for packaging waste, WEEE and ELV's
- Defining the necessity of cooperation between municipalities to set up the waste infrastructure

Methods:

- Lectures on Dutch practices with public awareness, benchmarks, producers responsibility, cooperation between municipalities
- Presentation of Romanian experiences with public awareness campaigns

- Analyzing existing polls/questionnaires and adapt them
- Group sessions to define performance indicators for the Romanian municipalities
- Presentation of Romanian experiences with producers responsibility schemes
- Group sessions to explore options to match producers responsibility with duty of care of municipalities and improve collection and financing
  
- Presentation of Romanian experiences with cooperation between municipalities
- Group sessions on needed legal conditions for entities of cooperating municipalities
- Common work on public awareness and involvement raising on above mentioned activities, through the following means:
  - o Mass media:
  - o Information and public awareness campaigns

**Deliverables:**

- Questionnaires
- Waste monitor with performance indicators
- Model contracts for organizing producers responsibility of packaging waste and WEEE in municipalities
- Trained Romanian experts of REPA,LEPA's and municipalities/counties
- List of recommendations for strengthening municipal cooperation
- Educational materials: leaflets, DVDs, Best Environmental Practices Guides

## **Activity 3.4 , Air Quality and Climate Change**

**ACTIVITY 3.4.2.a.-** Air Quality Control Automatic Networks. Plans and programmes for air quality management.

Date: 3 – 5 of September, 2008. Number of days: 3.

Format: Workshop.

Spanish experts: 2

Participants: from the Spanish part, two experts from the Ministry of Environment.

From the Romanian part, representatives of NEPA, REPA Bacau and all the LEPA's.

Objectives:

- 1.- To provide participants with information about the technical aspects on how the atmospheric contamination can be measured. Application of the new Directive regarding Air Quality which would guarantee a better air quality in Europe.
- 2.- Revision of the criteria of implementation of pollution control stations, on micro and macro level.
- 3- Immission data treatment. Validation. Study of the questionnaire of data that is sent to the European Commission.
- 4- Identification of areas where plans or programmes for pollution reduction have to be implemented, according to the current legislation in force.
- 5- Study of different practical examples of plans and programmes at different administrative levels (state, regional and local).
- 6.- Execution of reduction plans for immission levels. Monitoring and control of measurements. Time frames. Costs.

Activities performed:

Day 1.- Presentation performed by the Spanish part, from technical point of view, of the Directive of Air Quality and its implications. Methodology for the implementation of zonation and representativity of the control stations. Number of stations needed. Spanish part.

Presentation of the implementation problems of the new Directive and the measurement of air quality. Romanian part.

Visit of the Spanish experts to control stations in order to evaluate the level of accomplishment regarding the placement and its representativity. Romanian part.

Day 2.- Treatment and validation of the immission data. Recommendations to the use and implementation of a common methodology that could be used by all the LEPAs. Presentation based on collected data from air quality control stations. Study of the questionnaire that should be used in the annual presentation of information about the evaluation of air quality control, that has to be sent to the European Commission, based on the Decision 2004/461/CE. Spanish part.

Presentation of the problems related to treatment and validation of information.  
Romanian part.

Day 3.- Technical explanation of the implementation and need of execution of plans and programmes of air quality management. Presentation of a Plan at national level and its relation with the global emissions. Spanish part.

Example and study of a practical real case of a plan at regional level. Reduction measures for the different contaminants. Spanish part.

Presentation of the plans implemented in the region. Main problems detected.  
Romanian part.

**ACTIVITY 3.4.2.b.-** Control and Authorisation procedures of industrial emissions. Plans and Programmes for Air Quality Control Management in an industrial area.

Date: 10 – 12 of December, 2008. Number of days: 3

Format: Workshop

Spanish experts: 1

Participants: from the Spanish team, an expert in emissions and emission registers, plans and programmes for the industries. From the Romanian team representatives of NEPA, REPA Bacau and all the LEPAs.

Objectives:

- 1.- Knowledge and implementation of the different Emission Registers.
- 2.- Measures for emissions reduction.
- 3.- Different methodologies for emission control of industries.
- 4.- Study case of a real case of plan of improvement of air quality in an industrial area.

Activities:

Day 1 and 2.- Presentation of how certain industrial emission registers work. Implementation of Directive 2001/81/CE on national emission limits of certain

contaminants. Presentation of how the EPER emission register works, as well as the presentation of EPER contamination sources. Presentation of different installations with factors of emission used. Spanish part.

Control and continuous measurement procedures in high level emission plants. Reception and real time treatment of information.

For the Romanian part, presentation of the plans implemented in the region, and the problems that had been encountered.

Day 3.- Example and study of the improvement of air quality for a real case of an industrial area. Measures taken in order to reduce certain contaminants. Spanish part.

**ACTIVITY 3.4.2.c.-** Procedures of control and authorization of industrial emissions. Climate Change.

Date: 6- 8 of May, 2009. Number of days: 3

Format: Workshop.

Spanish experts:2

Participants: from the Spanish side two experts from Regional Administrations. From the Romanian part representatives for the NEPA, REPA Bacau and all the LEPAs.

Objectives:

- 1.- Climate changes, industrial emissions mentioned in the Protocol of Kyoto.
- 2.- Climate changes, mitigation strategies .
- 3.- Climate changes, strategies of adaptation.
- 4.- Communication and environmental education regarding climate change.

Activities to be performed:

Day 1.- Climate change, functioning of the trade of emission rights. Emission rights assignment (national registry), monitoring, verification and fulfillment of emissions. Practical case studies selected by the romanian side.

Day 2 and 3.- Practical examples of elaboration of mitigation strategies and adaptation to climate change. Communication and diffusion strategies.

Current situation in Romania. Responsibilities regarding informations to be sent to different national registers. Control and verification performed. Romanian part.

**ACTIVITY 3.4.3.-** Evaluation analysis with recommendations.

Date: 20-21 of July, 2009. Duration 2 days.

Format: Workshop.

Spanish experts: 1

Participants: Coordinator of the activity on Air Quality and Climate Change.

Objectives:

- 1.- Evaluation of the implemented programme during the project.
- 2.-Strong and weak points in the elaboration of final recommendations.
- 3.-Identification of a possible Integrated Management Project regarding Atmospherical Contamination in order to benefit from European Funds

Activities performed :

Day 1.- General revision of the strong points of the activities performed and the manner in which the participants benefited of it. Future training needs.

Day 2.- Recommendations regarding the different activities to be performed in the future, related to Air Quality and Climate Change. Presentation of a project on Air Quality with possible European Funds financing. Presentation of the Spanish experience in this field.

This workshop will offer the opportunity to present the methodology used in the implementation of the Directive on Noise Policy, as well as methodology for smell control.

Identification of a possible integral project in air quality which could be presented for its financing with EU Funds. Spanish experience in this area.

**Activity 3.5 , Biodiversity and Nature Protection**

**ACTIVITY 3.5.2.a.-** measures for the conservation of habitats and species of community interest

Date: 03 – 07 of November, 2008. Number of days: 5

Format: Workshop.

Spanish experts: 2

Participants: from the Spanish part, 2 experts from the regions of Galicia and Castilla y León. From the Romanian part, representatives of the Ministry of Environment, REPA Bacau, all the LEPAs and managers of protected areas.

Objectives:

- 1.- To provide participants with information about the technical aspects on the elaboration of management plans regarding habitats.
- 2.- To provide participants with information about the technical aspects on the elaboration of management plans regarding species.
- 3- To provide participants with information about the technical aspects on monitoring species and their conservation status.

Activities performed:

Day 1.- Presentation performed by the Spanish part, from technical and social implications of habitat management plans. Lessons learned and case studies.

Day 2.- Case study on establishment of priorities in conservation

Day 3.- Requirements for the preparation and implementation of management plans. Case study of different approaches. Methodological Guide for elaboration of management plans.

Day 4.- Case study of different approaches for management plans of habitat and species. Management plans and cross-sectoral cooperation. Stakeholders analysis.

Day 5.- Case studies: Management of land uses. Conservation ex-situ. Derogations.

As previously mentioned, presentation of numerous and successful / unsuccessful Spanish study cases will take place, together with the analysis of practical situations of Region 1 Northeast.

**ACTIVITY 3.5.2.b.-** Status conservation and economic development in Natura 2000.

Date: 16 – 19 of February 2009. Number of days: 4

Format: Workshop

Spanish experts: 2

Participants: from the Spanish team, one expert in Structural Funds, rural development and environment Funds, and one in inventoring and monitoring of habitats and species. From the Romanian team representatives of REPA Bacau and all the LEPAs. For the part concerning economic development and funding representatives from other stakeholder institutions: IB SOP Environment, North-East Regional Development Agency, Forestry Directorate, Local Authorities (provincial and municipal), managers from protected areas, Ministry of Economy and Finances.

Objectives:

- 1.- To provide participants with information about the technical aspects on monitoring species and their conservation status.
- 2.- To provide participants with information about the technical aspects of Habitat Directive reporting.
- 3.- To analyze different study cases on the use of European Funds in the management of Natura 2000 sites.
- 4.- To give an overview on the possibilities offered by Natura 2000 to promote economic development in rural areas.

Activities:

Day 1.- Presentation of practical experiences and methodologies for inventory and assessment of habitat and species.

Day 2.- Monitoring indicators. Assessment of existing indicators and options for the future.

Day 3.- Analysis of good practices in the use of Structural Funds based on several spanish study cases, promoting rural development.

Day 4.- Other financing sources promoting rural development for Natura 2000.

As previously mentioned, presentation of numerous and successful / unsuccessful Spanish study cases will take place, together with the analysis of practical situations of Region 1 Northeast.

**ACTIVITY 3.5.2.c.-** Training on the job for BC staff evaluation of the environmental impact on Natura 2000 sites

Date: 17- 20 of June, 2009. Number of days: 3

Format: Workshop.

Spanish experts:1

Participants: from the Spanish side an expert will be present from the Regional Ministry of Environment in Castilla y Leon. From the Romanian part representatives for the REPA Bacau and all the LEPAs. Objectives:

- 1.- defining procedures for the implementation of art.6 Habitat Directive.
- 2.- Case study for the assessment of the art 6 provisions.

Activities to be performed:

Day 1.- Presentation of experiences on art 6. Procedures at regulatory and administrative level.

Day 2.- Presentation of several case studies of projects. Technical procedures for assessing plans and projects. Specific experiences on compensatory measures.

Day 3.- negotiating real cases on Romanian projects.

As previously mentioned, presentation of numerous and successful / unsuccessful Spanish study cases will take place, together with the analysis of practical situations of Region 1 Northeast.

**ACTIVITY 3.5.3.-** Evaluation analysis with recommendations.

Date: 16-17 of July, 2009. Duration 2 days.

Format: Workshop.

Spanish experts: 1

Participants: Coordinator of the activity on Biodiversity.

Objectives:

- The implemented training programme has been evaluated.
- Further recommendations for improvements in the sector made and additional training and support needs identified.
- Workshop with the previous benchmarks performed by month 17, with the participation of the experts.

Activities performed:

Day 1.- General revision of the strong points of the activities performed and the way in which the participants benefited of it. Future training needs.

Day 2.- Recommendations regarding the different activities to be performed in the future, related to biodiversity.

## **Activity 3.6 , Soil/subsoil protection and remediation**

**ACTIVITY 3.6.2 a.-** Policies and practical exercises on contaminated sites.

Date: 15 and 16 January 2009.

Format: 2 day Workshop.

Dutch experts: 2

**Participants:** Staff of MoESD (directorate of soil/subsoil), NEPA, REPA, LEPA, NEG, Apele Romane, Oficiul Judetean Pedologie si Chimie.

**Goals:** Familiarise Romanian experts with both Romanian and Dutch knowledge on legislation and practical experience (best practises) on contaminated site remediation.

**Development of activities:**

Day 1 - Lecture session

Morning session (policies and role of the authorities)

- Romanian legislation and guidelines on site remediation (by MoESD)
  - o Legislation (2 decrees MoESD)
  - o Making of the regional inventory of contaminated sites
  - o Sampling plan, risk assessment, site remediation options
- Dutch policies on sustainable land management and site remediation (Ton)
- Dutch inventory, prioritization of sites remediation (Ton)
- Financial and legal instruments (Anton)
- Roles of the stakeholders and the authorities (Anton)

Afternoon session – practical steps in the remediation chain

- Site use plan, site investigation, sampling plan, evaluation of results (Anton)
- Soil quality standards and risk assessment (Ton)
- Remediation goals, selection of remediation strategies depending on contaminant characteristics and intended soil use (Anton)
- In-situ site remediation and ex-situ treatment of soil and groundwater (Ton)

Day 2 - Exercises

Based on qualitative and quantitative site information, participants should elaborate on a remediation plan, corrective actions and ecological rehabilitation

Morning session - (elaboration of Dutch examples)

For example:

- phosphate fertilizer plant (Kralingse veer, Ploiesti),
- landfill,

- industrial area,
- oil extraction site.

Afternoon session - (elaboration of Romanian examples)

Participants should (beforehand) provide information on sites, for example

- mining sites and mineral processing plants ,
- fertilizer plant,
- landfills,
- oil wells/extraction sites,
- district heating plants,
- etc.

**ACTIVITY 3.6.2 b.- Risk assessment and practical training.**

Date: 6 – 8 april 2009.

Format: 3 day Workshop.

Dutch experts: 3

**Participants:** Staff of Staff of MoESD (directorate of soil/subsoil), NEPA, REPA, LEPAs, NEG, Apele Romane, Oficiul Judetean Pedologie si Chimie.

**Goals:** Familiarize Romanian experts with site risk assessment, soil quality standards, soil ecology / biodiversity assessment and ecological rehabilitation.

**Development of the activities:**

Day 1 - "Theory"

Morning session – lectures

- Soil protection measures (Anton)
- Derivation of soil quality standards (Ton)
- Risk assessment models – EU perspective (Heracles) and Dutch model (Frank)
- Methods for and examples of ecology / biodiversity assessment (Anton)

Afternoon session – demonstration of computer models on risk assessment (Frank, Anton, Ton)

- Sanscrit
- Risk toolbox

Day 2 – Exercises (working with PC (in small groups) on case studies)

Morning session – Dutch cases studies

Afternoon session – Romanian case studies

Participants should (beforehand) provide qualitative and quantitative information on sites, for example: mining sites and mineral processing plants , fertilizer plant, landfills, oil wells/extraction sites, district heating plants, etc.

Day 3 – Exercises (working with PC (in small groups) on case studies)

Morning session – Site visit

### **ACTIVITY 3.6.2 c.-** Ecological risk assessment and more specific topics.

Date: 11-12 of June 2009.

Format: 2 day Workshop.

Dutch experts: 2

**Participants:** Staff of Staff of MoESD (directorate of soil/subsoil), NEPA, REPA, LEPAs, NEG, Apele Romane, Officiul Judetean Pedologie si Chimie.

#### **Goals:**

- Remaning questions,
- In-depth discussions on special topics,
- More elaboration of Romanian case studies,
- Site visits,
- Practical on-site work. For example: making a sampling plan, actual sampling, ecological investigation,
- Determine the need for guidelines,
- Questionnaire on the usefulness of the the trining pacakge.

#### **Development of the activities:**

Day 1:

Day 2:

### **ACTIVITY 3.6.3** Evaluation analysis with recommendations

Date: 15-16 june 2009.

Format: 2 day Workshop.

Dutch experts: 2

**Participants:** Staff of Staff of MoESD (directorate of soil/subsoil), NEPA, REPA, LEPAs, NEG, Apele Romane, Officiul Judetean Pedologie si Chimie.

**Goals:**

1. Evaluation of and feedback on the training programme
2. Select options for future cooperation

**Development of activities:**

day 1. Evaluation of the effect and activities 3.6.2a, 3.6.2.b and 3.6.2c. Localisation of gaps.

Select options for future cooperation.

## Activity 3.7 , Chemicals and REACH

**ACTIVITY 3.7.2 a.-** Pre-registration under REACH.

Date: June 10 2008.

Format: 1 day Workshop.(possibly 2)

Dutch expert: 1

Participants: Staff of LEPAs, REPA, NEPA, NEG.

Goals to be reached:

1. A clear understanding of the roles companies may have under REACH, (this includes the definitions of “sole representative” and of “toll manufacturer”
2. A clear understanding of the definitions of substances, preparations and articles
3. A clear understanding of the definitions of phase in substances
4. Basic Knowledge of the system of pre-registration, information sharing and dossier completion
5. Basic Knowledge of the IT system to (pre)register

All goals (1-5) will be clarified by practical examples.

All presentations will be translated into the Romanian language by the twinning bureau.

Development of activities:

1. Role identification in the REACH regulation (1.5 hours)
  - a. 20 minutes theory
  - b. 30 minutes examples
  - c. 40 minutes discussion
2. Definition of substances, preparations and articles, phase in substances (1,5 hours)
  - a. 20 minutes theory
  - b. 30 minutes examples
  - c. 40 minutes discussion
3. Why pre-registration, what to pre-register and how to pre-register (1 hour)
  - a. 15 minutes theory
  - b. 15 minutes examples
  - c. 30 minutes discussion
4. What happens after pre-registration (0.5 hours)
  - a. 20 minutes explanation and examples
  - b. 10 minutes discussion
5. Where to find more information (0.5 hours)
  - a. Tour on the world wide web

**ACTIVITY 3.7.2 b.-** Workshop ins and outs of REACH.

Date: 17-21 november 2008.

Format: 5 day Workshop.

Dutch experts: 2

Participants: Staff of LEPAs, REPA, NEPA, NEG.

Goals:

1. Clear understanding of the legislative framework on chemicals

This part consists of the effect of REACH on other legislation, especially the legislation on waste, on the treatment of certain substances (ODS, POP's, Heavy metals etc)

2. General understanding of the ins and outs of registration
3. General understanding of classification and labeling
4. General understanding of safety in REACH (including assessment of risks for example in the disposal of substances)
5. Clear understanding of the obligations of the member states and the agency
6. Basic understanding of REACH IT and the system with which the ECHA operates, including a clear understanding of the collection and dissemination of information of substances (e.g. through the network of laboratories)
7. Clear understanding of monitoring and control actions within the REACH regulation

All goals (1-7) will be clarified by practical examples.

All presentations will be translated into the Romanian language by the twinning bureau

Development of the activities:

Day 1. REACH: scope and relation with other Legislation on chemicals

Day 2. Registration of substances, general rules and exceptions;

Day 3. How REACH deals with safety of use; Classification and Labeling;

Day 4. Evaluation, authorization, Restrictions and Obligations of the member states

Day 5. REACH IT, monitoring and control of REACH obligations, writing of experts' report

### **ACTIVITY 3.7.3** Evaluation analysis with recommendations

Date: 26-27 of may 2009.

Format: 2 day Workshop.

Dutch experts: 1

Participants: Staff of LEPAs, REPA, NEPA, NEG.

Goals:

3. Evaluation of the effect of the activities 7.2a and 7.2b
4. Localisation of gaps

5. Fill in the gaps
6. Recommendations

Development of activities:

day 2. Evaluation of the effect and activities 7.2a and 7.2b Localisation of gaps

day 3. Fill in the gaps and recommendations, general outline of the final report.

### **Activity 3.8 , Horizontal Legislation**

**ACTIVITY 3.8.2.a.-** Environmental Impact Assessment and Strategic Environmental Assessment.

- Date: 16 – 17 of October, 2008. Number of days: 2.

Format: Workshop.

Spanish experts: 3

Participants: from the Spanish part, three experts in the processing of EIAs and SEAs with technical and legal background. From the Romanian part, representatives of the Ministry of Environment and NEPA involved in planning, REPA Bacau, Apele Romane and all the LEPAs.

Objectives:

- 1.- To provide participants with information about the procedural and technical aspects EIAs and SEAs.
- 2.- Revision of the activities, plans and programs that are subject to these protective measures.
- 3- Analysis of real cases/examples, specifically on land planning and Natura 2000 protected areas.
- 4- Public access to environmental information in these procedures and participation of third parties.
- 5- Differences in the proceedings and subject of EIA and SEA.

Activities to be performed:

Day 1.- Presentation by the Spanish part, from technical and legal points of view, of the procedures of EIA and SEA, the problems that usually arise in the proceedings and the main issues to be considered.

Review of valuation criteria for different alternatives.

Public participation in EIA and SEA.

Day 2.- Analysis of different cases, some of them relating to protected areas (Natura 2000) and land planning.

**ACTIVITY 3.8.2.b.- EMAS and Public access to Environmental Information.**

Date: 12 – 13 of March 2009. Number of days: 2

Format: Workshop

Spanish experts: 2

Participants: from the Spanish team, two experts in the implementation of ISO and EMAS. From the Romanian team representatives of MESD, NEPA, REPA Bacau and all the LEPAs, and if possible a representative of the private sector.

Objectives:

- 1.- Analyze the advantages of the implementation of environmental management systems for the companies.
- 2.- Review of the procedures established in other European countries to incentivate the companies in order to implement EMAS.
- 3.- Benefits for the Administration and the public derived from implementation of EMAS by the companies.

4.- Analyze the proceedings for the access to environmental information.

Activities:

Day 1.- Analysis of the procedures provided for the implementation of management systems according to EMAS II.

Structure of EMAS. Phases to be taken and basic documentation.

Objectives of the EMAS.

Verification and review of the management system.

Situation in other European countries of the application of EMAS.

Benefits from the implementation of EMAS and incentives for companies.

Day 2.- The Spanish participants will present case studies of implementation of EMAS in different situations: Industrial companies, service companies and public administrations.

**ACTIVITY 3.8.2.c.- Environmental liability.**

Date: 6-7 of July, 2009. Number of days: 2

Format: Workshop.

Spanish experts:2

Participants: from the Spanish side, two experts with broad experience in environmental liability. From the Romanian part representatives for the NEPA, Apele Romane, REPA Bacau, NEG and all the LEPAs.

Objectives:

1.- Analyzing the different procedures of environmental liability in the administrative legislation: water, waste, air pollution, soil pollution, etc. and its practical application in Spain and other European countries.

2.- Review of the European Directive and its application in different countries.

### 3.- Study of civil and criminal procedures for environmental liability.

Activities to be performed:

Day 1.-

Review of environmental legislation and the liability procedures contained therein.

Review of the civil and the criminal liability from the environmental point of view and the possibilities to avoid environmental damages.

Analysis of the European directive and the local legislation on Environmental liability.

Day 2.-

Presentation of cases and analysis of judicial decisions.

Evaluation of the environmental damage. Different technics.

Difficulties arising from the procedures.

Participation of third parties (NGOs)

#### **ACTIVITY 3.8.3.-** Evaluation analysis with recommendations.

Date: 8-9 of July, 2009. Duration 2 days.

Format: Workshop.

Spanish experts: 1

Participants: Coordinator of the activity on Horizontal Legislation. From the Romanian part, representatives for the REPA Bacau and all the LEPAs.

Objectives:

1.- Evaluation of the implemented programme during the project.

2.-Strong and weak points in the elaboration of final recommendations.

Activities to be performed :

Day 1.- General revision of the strong points of the activities performed and the manner in which the participants benefited of it. Future training needs.

Day 2.- Recommendations regarding the different activities to be performed in the future, related to Horizontal legislation.

## Activity 3.9 , Structural Instruments

**ACTIVITY 3.9.2 a)-** Management of EU funds during the 2007-2013 programming period.

Date: 01 – 03 October, 2008

Number of days: 3.

Format: Workshop.

Spanish experts: 2

Participants: Two representatives of the Ministry of Economy and Finance with a vast and long experience in managing structural funds, representatives of potential beneficiaries from SOP Environment, as well as from local, regional and national public administration bodies, regional water management bodies and other state bodies and NGOs. Also there will be invited representatives of SOP Environment and MESD. For the third day there will be invited representatives of municipalities and the Regional Development Agency North-East.

Objectives:

- 1: Explaining the new regulatory framework of the Cohesion Policy.
- 2: Studying the “Fondos 2007” software: design and management
- 3: Studying an example of a large environmental project.
- 4: Presenting the Spanish experience in programming the Priority Axis “Local and Urban Development”, case studies from the Local Operative Programme and the Community Initiative URBAN

Development of activities:

Day 1: Analysis of necessary procedure for establishing the necessary steps to obtain EU financing for projects.

The following topics will be approached:

- Programming: Financial and indicators
- Monitoring committees: Internal regulation

- Management and control systems. Manuals. Agreements with intermediate bodies for operational programs
- Standards for subsidizing.
- Criteria for selection of operations
- Information and publicity
- Large projects and projects generating incomes.

Study of the “Fondos 2007” software in order to achieve a paper-free management. Programming modules: Certification management and control. Implementing electronic signature. Checklists.

Day 2: This working day will be assigned to the study of a large environmental project implemented in the period 2000 - 2006.

Day 3: This working day should be assigned to presenting the actions featured in the 2000-2006 Local Operational Programme, whose beneficiary were local administrations. The study of Urban Initiative by means of presenting specific cases.

#### **ACTIVITY 3.9.2 b)- Cohesion Fund**

Date: 20-21 October, 2008

No. of days: 2.

Format: Workshop.

Spanish experts: 2

Participants: Two representatives of the Ministry of Economy and Finance with a vast and long experience in managing structural funds, representatives of potential beneficiaries from SOP Environment, as well as from local, regional and national public administration bodies, regional water management bodies and other state bodies and NGOs. Also there will be invited representatives of SOP Environment and MESD.

Objectives:

1. Knowledge about the changes in the 2007-2013 Cohesion Fund
2. Knowledge about the management of solid urban waste projects that have been co-financed by the Cohesion Fund.
3. Study of irregularities in certain cases.

Development of activities:

Day 1: Analysis of programming of Cohesion Fund. Drafting the Operational Plan. The FEDER Cohesion Fund. Objectives, criteria for selecting operations, percentage of financing etc.

Study of environmental indicators and of the evaluation of environmental strategy of Operational Programs.

Day 2: Study of projects implemented with support from the Cohesion Fund. Financial and technical issues. Key points in implementing and monitoring. Studying a real case.

**ACTIVITY 3.9.2 c)- Control of certified expenses.**

Date: February 2, 3 and 4, 2009

No. of days: 3.

Format: Workshop.

Spanish experts: 1

Participants: One representative of the Ministry of Economy and Finance expert in controlling the operations co-financed by FEDER, representatives of potential beneficiaries from SOP Environment, as well as from local, regional and national public administration bodies, regional water management bodies and other state bodies and NGOs. Also there will be invited representatives of SOP Environment and MESD.

Objectives:

1. Knowledge about the types of controls carried out, at different levels, in case of projects co-financed by Structural Funds.
2. Study of types of irregularities and their corrections.
3. Explaining the way of designing and archiving of the documentation for the co-financed operations and preserving a good audit track.

Development of activities:

Day 1: Presenting control in the framework of Structural Funds and the Cohesion Fund. Presenting the bodies carry out the control and types of controls, as well as the various features of control according to the controlled entity.

Day 2: Knowing the various aspects that should be considered within public contracting: Standards, criteria of selection and award, using environmental criteria. Complying with environmental legislation, equal opportunities and publicity. Ways of support. Review with practical examples.

Day 3: Analysis of the concept of eligibility in the regulation and the national legislation. Examples. Knowing environmental measures in the operational program from the point of view of control: Types of projects and specific features of control. Documentation and audit track.

**ACTIVITY 3.9.2 d)-** Problems faced during implementation of environmental projects co-financed by EU.

Date: May 18 and 19, 2009

No. of days: 2.

Format: Workshop.

Spanish experts: 1

Participants. Representatives of potential beneficiaries from SOP Environment, as well as from local, regional and national public administration bodies, regional water management bodies and other state bodies and NGOs. Also there will be invited representatives of SOP Environment and MESD.

Objectives:

1. Define the risk management in the implementation of projects cofinanced by the EU. Kinds of risks which may be present.
2. Risk vigilance and monitoring. Risk map. Control plan.

Development of activities:

Day 1: Institutional framework of Funds Management: the principle of shared management in the Treaty of Lissabon. The opinion of the European Accounts Court. Identified risks. Definition of admissible risks in the operations. Kinds of risks and characteristics.

Day 2: Risk management in environmental projects. Risk evaluation as a phase of internal control. Risks map: financial, from the system, environmental and from nature. Correcting Actions Plan. The confidence contract.

**ACTIVITY 3.9.3)**- Evaluation analysis with recommendations.

Date: June 4 and 5, 2009

No of days: 2.

Format: Workshop.

Spanish experts: 1

Participants. Coordinator of the Structural Instruments Activity, representatives of SOP Environment and MESD.

Objectives:

1. Evaluation of activities developed during project implementation.
2. Presentation of main EU funding requirements.
3. Defining strong and weak points in order to design final recommendations.

Development of activities:

Day 1: Overview of the training program implemented and assessing its degree of usefulness. Further training and support needs.

Day 2.- Recommendations for future actions in the sector, in managing EU funds.

## **Focussed Activities on Domestic Waste Management**

**Activity 4.1 , Feasibility of new technological approaches to be applied for household waste sorting/ treatment in the context of the Regional Plan for Municipal Waste Management, including associated investment costs**

**ACTIVITY 4.1 a.-** Analysis of the main treatment processes for urban waste.

Date: 29 of september – 3 of october 2008. Number of days 5.

Format: Workshop.

Spanish experts: 2

Participants: Staff of LEPA, REPA, NEPA, MESD. Assistance of representatives from counties and some active municipalities would be very convenient.

Goals to be reached:

1.- Communicate the technical aspects of the different treatment processes that one can give to waste: Classification and separation of packaging, energetic valorisation, composting of the organic fraction of urban waste, biomethanization, degasification, bulky waste grinding, incineration. Process scheme for each case.

2.- Knowledge of the composition of waste. Characterizations. Methodologies, Establishment of mass balances. Efficiencies of the processes.

4.- Communicate the costs structure of the different processes, both of the initial investment as well as of the subsequent exploitation and maintenance of the management activities.

5.- Environmental procedures previous to the execution of the projects. Kinds of environmental controls to be established in the different processes. Need (or not) to obtain Integrated Environmental Permit.

6.- Proposal of infrastructures of treatment of waste and dimensioning for Region 1, at county or regional level, according to the Regional Waste Management Plan.

7.- Example of Regional Waste Management Plan of Madrid with the creation of associations of municipalities to handle management of waste treatment infrastructures. Organization, responsibilities and distribution of costs.

Development of activities:

1 day.- Technical explanation of the different processes. Spanish part.

Explanation of the problems found in implementing the waste treatment processes in the region. Forecast of investments and costs in the regional plan. Romanian part.

2 day.- Explanation of the costs for the different processes: investment and management and exploitation costs. Methodology to characterize waste. Spanish part.

Main problems and doubts to determine management and exploitation costs of the foreseen infrastructures. Romanian part.

3 day.- Environmental procedures, authorisations, subsequent controls. Example of a municipalities association for the execution and management of urban waste

infrastructures: structure, composition, responsibilities, role of the regional administration. Spanish part.

Associations system in Romania: structure, composition, responsibilities. Romanian part.

4. day.- Visit to some waste management infrastructures of the region to get a clear idea of the current situation.

5 day.- Discussion on the different proposals on the most adequate processes given the particularities of the region, studying the specific situation of each county. Spanish and romanian part.

**ACTIVITY 4.1 b.-** Selective collection: precollection, collection and transport systems.

Date: 10 – 11 November 2008. Number of days 2

Format: Workshop.

Spanish experts: 2

Participants: Staff of LEPAs, REPA, NEPA, MESD. Assistance of representatives from counties and some active municipalities would be very convenient.

Goals:

- 1.- Selection of the selective collection systems: advantages and shortcomings of each one. Selection level: regional or local.
- 2.- Calculation of the right indexes of containerisation. Maintenance and conservation of the containers. Costs
- 3.- Collection systems. Functioning as a function of frequency. Costs.
- 4.- Kinds of vehicles. Capacity. Costs.
- 5.- Machinery needs and management. Structure and functioning.
- 6.- Establishment of green points for the collection of dangerous waste.
- 7.- Collection systems in rural areas of Madrid region.
- 8.- Example of Madrid region in the creation of associations of municipalities to establish waste collection and transport services. Organization, responsibilities and distribution of costs.

Development of the activities:

1 day.- Technical explanation of the collection and containerization systems in Madrid's municipality. Spanish part.

Explanation on the systems implemented in the region. Main problems detected. Romanian part.

2 day.- Explanation of the costs of the systems: investments in precollection and collection as a function of the system selected, and maintenance and exploitation costs. Spanish part.

Main problems and doubts in the determination of costs of the precollection and collection systems foreseen. Romanian part.

3 day.- Establishment and costs of the machinery needed. Example of municipalities association to collect and transport waste. Role of the regional administration. Spanish part.

Associations' systems in Romania: structure, composition, responsibilities. Romanian part.

4. day.- Visit to some municipalities with established selective collection systems, to get a clear idea of the current situation.

5 day.- Discussion on the main proposals about the precollection, collection and transport systems more suited to the situation of the region, studying the specific situation of each county. Spanish and romanian part.

**ACTIVITY 4.1 c.-** Closure of landfills, degasification and energy recovery, sanitary control of landfills. Admisibility procedures for waste and information management.

Date: 9 - 11 march 2009. Number of days: 3

Format: Workshop.

Spanish experts: 1

Participants: Staff of LEPAs, REPA, NEPA, MESD. Assistance of representatives from counties and some active municipalities would be very convenient.

Goals:

- 1.- Costs structure and closure operations, and landscape recovery of a landfill.
- 2.- Establishment of pollution measuring control points.
- 3.- Degasification with energy recovery. Curves of gas production. Investment costs. Incomes by electric energy selling. Leachates treatment.

3.- Operations to establish a new complying landfill. Times for execution. Investment, operation and maintenance costs.

4.- Admissibility procedures for waste. Responsibilities for the control.

5.- Integrated information management systems.

Development of activities:

1 day.- Practical explanation on the sealing of a landfill, its degasification. Spanish part.

Explanation on the technical, social, environmental and economic situation of the illegal and non-complying landfills of the region. Romanian part.

2. day.- Visit to some active illegal landfills and some sanitarly-controlled landfill, to get a clear idea of the current situation.

3 day.- Establishment of admissibility procedures for waste according to the european legislation. Control and information systems. Spanish part.

Current situation in Romania. Responsibilities in the control, current situation of the admissibility procedures. Romanian part.

#### **ACTIVITY 4.1.d.- Financing systems for waste management.**

Date: 17-18 March 2009. Number of days: 3

Spanish experts: 1

Format: Workshop.

Participants: Staff of LEPA, REPA, NEPA, MESD. Assistance of representatives from counties and some active municipalities would be very convenient.

The assistance of some representatives of the packagers and of the MESD that could tell what is the system which is foreseen to be established in Romania would also be needed.

Goals:

1.- Different financing systems: public-private, public, private.

2.- Establishment of canons in public-private systems.

4.- Establishment of tariffs and taxes in public and private systems.

5.- Integrated management systems for the management of packaging and other kinds of waste. Regional agreements, local specific agreements.

Development of the activities:

1 day.- Explanation of the current financing systems for waste management of Madrid municipality. Spanish part.

Explanation of the current financing systems of the local administration in Romania. Romanian part.

2. day.- Explanation of the establishment of integrated systems for packaging waste in Spain. Main contents of the agreements established between companies and the public administration. Spanish part.

Situation of the integrated systems for packaging waste management in Romania. Romanian part.

3.- dia .- Preparation of a proposal for Region 1.

**ACTIVITY 4.1 e.- Waste management projects financed with european funds.**

Date: 21-22 of May 2009. Number of days: 2

Format: Workshop.

Spanish experts: 1

Participants: Staff of LEPAs, REPA, NEPA, MESD. Assistance of representatives from counties and some active municipalities would be very convenient.

This activity needs the presence of representatives of the IB-SOP Environment and of representatives of MESD dealing with european funds.

Goals:

1.- Explain with a practical example the structure of an application, in its technical and in its economical-financial parts, of a project financed by the cohesion fund.

2. - Identify the different stakeholders involved in a cofinanced project and its role: final beneficiaries, intermediate body and Payment and Management Authorities.

3.- Make an example of a project which may be interesting for the romanian attendants.

Development of the activities:

1 day.- Practical explanation on how is an application to ask for cohesion funds filled, based on practical examples. Spanish part.

Situation in Romania of the application and financing for projects financed by the cohesion or structural funds. Romanian part.

2. day.- Identification of the stakeholders involved in the cofinanced projects. Example of Madrid municipality. Spanish part.

Presentation of a waste management project. Romanian part.

Preparation of a fiche draft for that project.

## **Activity 4.2 , Support to elaborate modern approaches related to the implementation of the future EU legislation requirements in the field of biodegradable household waste**

### **Activity 4.2: Support to elaborate practical approaches related to the implementation of the future EU legislation requirements in the field of biodegradable household waste.**

This programme will be implemented through i) Two 5-day workshop in Bacau, working with 3 experts from REPA, 1 from IB responsible for European Funds, 6 from LEPAs, 1 from NEPA, 2 from MESD, representatives from environmental NGOs, farmers (organizations), local stakeholders involved in the awareness of society, and ii) One 5-day workshop in another city of the region, working with 3 experts from REPA, 3 from the LEPA located in that city, 5 from the rest of LEPAs, 1 from NEPA, 2 from MESD, representatives from environmental ONGs and local stakeholders involved in the awareness of society.

Resources: *RTA, 3 Dutch MS Experts / 15 days. Other resources (translation, interpretation, training materials, internal travels, composting equipment*

Workshop 1: October 6 till 10 2008

Workshop 2: February 10 till 13 2009

Workshop 3: May 11 till 15 2009

#### **Content workshops**

- Common work to elaborate a programme on waste avoidance by separation of the organic fraction of municipal waste
- Dissemination and further elaboration of school composting activities of phase 1
- Common work on the implementation of a home composting programme.
- Common work on the implementation of farm composting, green waste composting.
- Common work on the creation of a national compost quality control organization.
- Common work on public awareness and involvement raising on composting activities, through mass media and public awareness

#### **Methods**

- Lectures on background of composting, compost quality
- Dutch practices with home composting, farm composting and compost application
- Dutch methods for public awareness raising on separate collection programs for biowaste
- Presentation on Romanian experiences with separate collection of biowaste, public awareness raising, home composting and farm composting, application of biowaste compost
- Establishment of Romanian approach for separate collection of biowaste, public awareness raising, home composting and farm composting, application of biowaste compost
- Selecting pilot projects for separate collection of biowaste, public awareness raising, home composting and farm composting, application of biowaste compost

### **Deliverables**

- Main guidelines and structure of the program on waste avoidance by separation of biowaste.
- Common work performed and advice provided on several alternatives for the use of biodegradable household waste.
- Assessment and elaboration of guidelines for the implementation of a home composting program.
- Assessment and elaboration of guidelines for the implementation of a farm composting program.
- Guidelines established and assessment on public awareness and involvement raising means performed.
- Educational materials: leaflets for several target groups, DVDs, Best Environmental Practices Guides

### **Activity 4.3 , Support to take-over and harmonize Romanian legislation with latest EU legislation in the domestic waste management domain**

Given the fact that the Romanian administration knows quite well the EU legislation, with its demands and implementation deadlines, not too much time should be devoted to this issue in this activity.

This activity would be perhaps more useful if focussed at local level, working on what has to be the municipal legislation needed to implement a selective collection model in the municipalities, as well as the controls to be established in the collection, transport and treatment, to guarantee the fulfillment of the legislation and the relations with the citizens, companies and authorised waste operators.

It would also be needed to review from a juridical point of view the packaging waste integrated management systems. Obligations and rights to be established in the contracts or

agreements between the responsables for waste management and the integrated management systems.

Date: 1-2 of June. Number of days 2.

Format: Workshop.

Spanish experts: 1

Participants: Staff of LEPAs, REPA, NEPA, MESD.

1 day.- General overview of the main determinations of the EU legislation on waste management. Actions implemented by Madrid municipality to guarantee their fulfillment. Spanish part.

Situation in Romania of the fulfillment of EU legislation and actions to be developed for its fulfillment. Romanian part.

2. day.- Establishment of legislation at local level to establish the obligations of the different parts involved in a selective collection integrated management system. Spanish part.

Situation in Romania of the legislative development at a local level. Romanian part.