***Twinning Project RO/2006/IB/EN/07***

***Implementation and Enforcement of the Environmental Acquis focused on industrial waste management / Phase II***

# 5th INTERIM QUARTERLY REPORT (draft)

Project Title: "Implementation and Enforcement of the Environmental Acquis focused on Industrial Waste Management, Phase II"

Member State Partners: German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety

Beneficiary Country: REPA Galati and LEPAs of South East Region – Romania

Date:

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# Table of contents

**0** Summary

**1** Project data

**2** Content
- 2.1 Background
- 2.2 Achievement of mandatory results
- 2.3 Activities in the reporting period
- 2.4 Timing and delays
- 2.5 Assessment

**3** Expenditures

**4** Annexes

## 0. Summary:

This third Progress Report covers the activities undertaken during period **1st February 2009 – 30th April 2009.**
During the reporting period the project work made good progress, different daily activities under Component 3 have been finished and others were improved, further focal point activities continued with good results.

- **Component** *3 "Support the REPA Galati in the performance of the daily activities"*:

  - Within the Sub-component **3.1 Environmental Planning and Policy** there has been carried out the second mission with the participation of STEs Joerg Mayer and Sven Schulz. During the mission they have been carried out the following activities: coordination meeting with responsible for Planning from REPA Galati, and one workshop in collaboration with the STE from Horizontal Legislation.
  - Within the Sub-component **3.2 IPPC** there has been carried out the mission of Mr. Klaus Dieter Warnatz and Mr. Konrad Mair. The objective of the mission was to present the final version of the Guideline for Foundries and to make training for REPA an LEPA Galati staff on the topics related to the guideline.
  - Within the Sub-component **3.3 Waste Management** there has been carried out the last mission of STE Martin Pohlmann. During the mission there were carried out coordination and working meetings with REPA Galati and LEPA Galati staff for waste management and one open seminar related to the content of the new Waste Framework Directive, regional issues on waste management and landfill technologies and techniques.
  - Within the Sub-component **3.4 Air Quality and Climate Change** there was carried out the second mission of STEs Dr. Bernd Heits and Mr. Wolfgang Mueller 23rd until 26th of February 2009. During the mission they carried out 3 training sessions on Data Validation with the representatives of REPA Galati and all LEPAs in SE Region.
  - Within the Sub-component **3.5 Biodiversity and Nature Protection** there was carried out the second and last mission of STEs Michael Moll and Heinz Werner Persiel. During the mission there were carried out the following activities: coordination meeting with RTA and RTA Counterpart, working meetings with the REPA staff in charge for biodiversity and nature protection, workshop on Nature 2000 Network. The topics discussed were: national strategy for the elaboration of Natura 2000 management plans, implementation status of the LIFE project 05 NAT/RO/000155 (Natural Park Lower Prut), discussions

regarding the status of implementation and elaboration of the Management Plans of Natural and National Parks in South East Region, Practical examples from Germany, chances and risks from the point of view of the local authorities, possibilities of involving the NGOs in the elaboration of the Management Plans.

- Within the Sub-component **3.6 Soil, Subsoil protection and Ecological restoration** took place the mission of Mr. Klaus Rehda and Mrs. Nannett Aust from 16th until 20th of February 2009. During the mission there were carried out the following activities: coordination meetings and preparation of workshop, discussions with REPA staff regarding special problems in the region SE, workshop with evaluation and recommendations on the revitalization of industrial contaminated sites.
- Within the Sub-component **3.8 Horizontal Legislation** there has been carried out the third mission of Key Expert Gabriele Schramm. During this mission the expert collaborated with the experts from sub-component 3.1 and during the workshop she provided Study Cases regarding the priority zones for establishing wind parks in Germany, elaboration and content of the plans for air quality and implementation of Directive 2002/49/EC on noise.
- Within the Sub-component **3.9 Structural Instruments** there has been carried out the mission of STEs Wolfgang Pfeiffer and Jens Nowak from 9th until 12th of February 2009. During the mission there were carried out the following activities: Training day by day with IB SOP Environment staff responsible for programming and development, evaluation and monitoring, payments, the IT-system SMISS and reporting respectively and an Open seminar on Projects Monitoring with the following topics: roles of the main stakeholders, commence of project implementation, changes of the project during project implementation, monitoring and checking of different parts of the construction, checks after project implementation, payment and final audit

- **Component 4 "Support the REPA Galati in the performance of Industrial Waste management related tasks and the Establishment of a Focal Point Industrial Waste Management at REPA Galati".**

  - Within Activity **4.4 Closure and after closure monitoring, procedures and training** there have been carried out 2 missions of German Experts.
    At the first mission from 28th of February until 06th of March 2009 the STE Peter Bothmann carried out the following activities: coordination meeting with RTA and RTA Counterpart, working meetings with the REPA staff in charge for waste management and one workshop on elaboration of national guidelines on industrial waste management. The topics discussed during the workshop were:

transfrontier shipment of waste, outputs of previous and ongoing Twinning Projects regarding Waste Management, practical support and current problems in the field of domestic waste management in Romania, Industrial Waste Management – current situation in Romania, Proposals for National Guidelines on Industrial Waste Landfills: methods, standards and procedures and Discussions and solutions for the improvement of "Technical Norm" for domestic and industrial waste management

During the second mission STE Peter Bothmann collaborated with the Expert for sub-component 3.3 and during the open seminar presented information related to landfill technologies and techniques.

# 1: PROJECT DATA

| PROJECT DATA | |
|---|---|
| **PROJECT NUMBER** | RO2006/IB/EN/07 |
| **PROJECT TITLE** | Implementation and Enforcement of the Environmental Acquis focused on industrial waste management, Phase II |
| **CONTRACTING AUTHORITY** | CFCU, Bucharest Romania |
| **MEMBER STATE PARTNER** | German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety |
| **FINAL RECIPIENT** | Regional Environment Protection Agency(REPA) Galati, and the six Local Environment Protection Agencies (LEPAs) in the South East Region, Romania |
| **BC PROJECT LEADER** | Mrs. Carmen Elena Sandu, REPA Galati |
| **MS PROJECT LEADER** | Mr. Michael Bass, |
| **RESIDENT TWINNING ADVISER** | Mrs. Dorothea Frohn |
| **BC COUNTERPART** | Mrs. Anastasia Lescai |
| **PROJECT NOTIFICATION** | 31 January 2008 |
| **PROJECT DURATION** | 18 months |
| **BUDGET** | 800.000 Euro Financing by Phare Programme<br>40.000 Euro Co-financing by Romanian MESD |
| **REPORT NUMBER** | 5 |
| **PERIOD COVERED BY THE REPORT** | 1 February 2009 – 30 April 2009 |

# 2: CONTENT

## 2.1: BACKGROUND

### Project Purposes

The **project aims** are to continue supporting the Regional Environmental Protection Agency (REPA), the Local Environmental Protection Agencies (LEPAs) and the National Environmental Guard (NEG) within the region, with their day-to-day responsibilities and functions related to the implementation, monitoring and enforcement of the transposed environmental legislation in accordance with their responsibilities established by law.

The **specific aim** of this project is to consolidate the capacity of the REPA Galați and the LEPAs and NEG's structures in the South-East region in the implementation and enforcement of the environmental legislation.

In addition, during its life, the proposed project will assist REPA Galați to act as Focal Point for the technically focused activities related to Industrial Waste Management sector.

## 2.2: ACHIEVEMENT OF MANDATORY RESULTS

According to the Twinning Contract the mandatory results are the following:

1. Strengthened institutional capacities at regional and local levels in terms of good institutional management and technical performances of staff.
2. All regional and local EPAs' and NEG's staff involved in permitting, monitoring and inspection is trained according to the training needs assessed; accordingly, associated competencies, knowledge and skills have significantly improved.
3. The regional component of the relevant strategic and planning documents on environmental protection are reviewed and improved or updated.
4. Data collection and storage systems have improved.
5. Programmes for remediation actions/measures of contaminated sites in the region have been developed.
6. Improved capacities and capabilities of IB to perform the delegated tasks regarding the implementation of SOP environment.
7. The REPA Galați is acting as Focal Point for the other REPAs/LEPAs/NEPA regarding the technically focused activities in industrial waste management.
8. To this end, national guidelines, standards and procedure manuals are provided by the Focal Point on its technically focused activity and are disseminated between the Romanian REPAs.
9. Furthermore, there will be trained staff with well developed skills for the specific areas of the focal Point.

In Table 1 "Activities and Benchmarks of the Project" the list of 93 benchmarks is shown in connection to the related components and activities of the work plan of the project, as well as the respective deadlines set out in the Twinning Contract and expressed in calendar months within the implementation period.

Activities marked in yellow have started in the period of reference or before and the activities marked in green are finalized. The column "Current status" shows for each activity if it is in progress or done (no remarks and no color means that work has not started). Benchmarks reached are marked by a "X" symbol.

**Twinning Contract number:** 2006/018-147.03.03/1.14

**Table 1: Activities and Benchmarks of the Project**

| Components + Activities | | Benchmarks | Deadline (m/y) | Current status |
|---|---|---|---|---|
| **Component 1: Kick Off, Coordination with other projects, RTA Travel to other projects** | | | | |
| **1.1** | Installation of the project: Project Kick Off Meeting | 1. Partners and regional stakeholders informed about the project objectives, activities and time schedule | 2nd month | X |
| | | 2. Working groups for the daily and technically focused activities established | | X |
| | | 3. All actors involved are aware of the project purposes, of their roles and responsibilities | | X |
| **1.2** | Project coordination by RTA with NEPA and other REPAs | 4. Working relations between the twinning projects of other REPAs and the NEPA established | 4th month | X |
| | | 5. REPA Galati established as focal point | 6th month | X |
| | | 6. Communication network on IPPC developed | 7th month | X |
| | | 7. Information exchange continuously maintained | 17th month | In progress |
| **1.3** | Study Visits | 8. Study Visit to Germany | 7th month | X |
| | | 9. Study Visit to Germany | 14th month | |
| **1.4** | Wrap-up workshop | 10. Project activities evaluated | 18th month | |
| | | 11. Outlook for future activities in the field defined | | |
| **Component 2: Institution building – Institutional Matters/Change/Support** | | | | |
| **2.1** | Assessment and Implementation Plan | 12. Assessment with gap analysis including recommendations for improvement for all nine fields of responsibility carried out | 3rd month | X |
| **2.2** | Nation wide exchange | 13. Nation-wide workshop on status quo and results and recommendations from all 8 regional projects under responsibility of NEPA implemented | 6th month | X |
| **2.3** | Personnel development | 14. Training needs have been identified | 3rd month | X |
| | | 15. Staff training plan and programmes updated (20 persons trained) | | |
| | | 16. Personnel development strategy elaborated | | |
| **2.4** | Cooperation structures with other agencies | 17. Definition of roles and responsibilities of all relevant actors and stakeholders | 6th month | X |
| | | 18. Recommendations on cooperation structures elaborated | | X |

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| **Component 3: Daily activities** | | | | |
| **Sub - Component 3.1: Environmental Planning and Policy** | | | | |
| **3.1.1** | Assessment of Status Quo, training and implementation of the specific requirements in the daily tasks of environmental planning and policy | 19. Training in reviewing, updating and monitoring of the Environmental Protection Action Plans implemented (about 30 experts trained) | 17th month | X |
| | | 20. Assessment of the environmental plans in light of the conformity with general regional environmental goals carried out | | |
| | | 21. System for the regular monitoring of the activities in the framework of the regional and local Environmental Action Plans has been defined and implemented | | |
| **3.1.2** | Evaluation Workshop with recommendations | 22. The implemented training programme has been evaluated in a workshop (about 30 participants) | 17th month | X |
| | | 23. Further recommendations for improvements in the sector have been devised and additional training needs have been identified | | |
| | | 24. The relevant Romanian administrations have proceeded the implementation of the recommendations regarding Environmental Planning and Policy by the end of the project | | |
| **Sub – Component 3.2: Integrated Permitting Procedure** | | | | |
| **3.2.1** | Assessment of Status Quo, training and implementation of the specific requirements in the daily tasks of Integrated Permitting Procedure | 25. Training on the job related to IPPC and the Environmental Management System (EMS) provided, including reviewing the environmental integrated permits and monitoring of compliance (about 60 experts trained) | 17th month | In progress |
| **3.2.2** | Elaboration of a Technical Guideline including Determination of BAT and Permitting Requirements for Installations (acc. Nr 3.3 Installations for the manufacture of glass including Glass fiber with a melting capacity exceeding 20t/day of Annex 1 IPPC Directive) | 26. Technical Guideline on Installations for the manufacture of Glass prepared | 17th month | In progress |
| | | 27. Technical guideline presented to all relevant Romanian Experts / stakeholders in a workshop | | |
| **3.2.3** | Evaluation workshop with recommendations | 28. The implemented training programme has been evaluated in a workshop (about 40 participants) | 17th month | |
| | | 29. Further recommendations for improvements in the sector have been devised and additional training needs have been identified | | |
| | | 30. The relevant Romanian administrations have proceeded the implementation of the recommendations regarding the Integrated Permitting Procedure by the end of the project | | |

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| **Sub – Component 3.3: Waste Management** | | | | |
| **3.3.1** | Assessment of Status Quo, training and implementation of the specific requirements in the daily tasks of Regional Waste Management Plan and optimization of the data collection system | 31. Training sessions on important aspects of Waste Management implemented (data collection, storage, reporting and information flow) implemented (about 40 experts trained) | 17th month | X |
| | | 32. Regional Waste Management Plan reviewed/updated | | |
| **3.3.2** | Evaluation workshop with recommendations | 33. The implemented training programme has been evaluated in a workshop (about 40 participants) | 17th month | X |
| | | 34. Further recommendations for improvements in the sector made and additional training needs have been identified | | |
| | | 35. The relevant Romanian administrations have started the implementation of the recommendations regarding Waste Management including the revised Waste Management Plan by the end of the project | | |
| **Sub – Component 3.4: Air Quality and Climate Change** | | | | |
| **3.4.1** | Assessment of Status Quo, training and implementation of the specific requirements in the daily tasks of air quality management | 36. Training sessions implemented and advice provided on important aspects of air quality tasks (e.g. monitoring, quality of measurement data, data storage, reporting and information flow, software) (about 30 experts trained) | 17th month | X |
| | | 37. Support has been given in the monitoring of compliance of regional operators developing specific activities with effect on earth climate | | |
| | | 38. Action plans and programmes for air quality management and emissions' reduction, as well climate change permits have been prepared/updated | | |
| **3.4.2** | Evaluation workshop with recommendations | 39. The implemented training programme has been evaluated in a workshop (about 30 participants) | 17th month | X |
| | | 39. Further recommendations for improvements in the sector made and additional training needs have been identified | | |
| | | 40. The relevant Romanian administrations have started the implementation of the recommendations regarding ambient air quality management including the revised plans for ambient air quality management by the end of the project | | |
| | | 41. Information disseminated by CD ROM and updated contents of website | | |
| **Sub – Component 3.5: Biodiversity and Nature Protection** | | | | |
| **3.5.1** | Assessment of Status Quo, training | 42. Training sessions implemented and advice provided on important aspects of biodiversity and nature protection/Natura 2000 (e.g. on updating and review of inventories of species and habitats), as well as training to improve knowledge and skills of target public institutions involved in biodiversity and nature protection sector (about 30 participants) | 17th month | X |

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| | and implementation of the specific requirements in the daily tasks of biodiversity and nature protection | 43. The documentation for the establishment of new protected areas, including Natura 2000 sites has been prepared | | X |
| | | 44. Status of existing network of protected areas is monitored | | X |
| | | 45. Data collection/storage improved | | X |
| **3.5.2** | Evaluation workshop with recommendations | 46. The implementation training programme has been evaluated in a workshop (about 30 participants) | 17th month | X |
| | | 47. Further recommendations for improvements in the sector made and additional training needs have been identified | | |
| | | 48. The relevant Romanian administrations have started the implementation of the recommendations regarding biodiversity and nature protection by the end of the project | | |
| **Sub – Component 3.6: Soil and Sub-soil Protection and Ecological Reconstruction** | | | | |
| **3.6.1** | Introductory workshop on Soil and Sub-soil and ecological reconstruction | 49. General aspects and difficulties of Soil and Sub-soil and ecological reconstruction presented and discussed in a workshop (about 30 participants) | 6th month | X |
| | | 50. Special training needs and the detailed training programme for the sub-component Soil and Sub-soil and ecological reconstruction (scope, contents, time schedule) | | |
| **3.6.2** | Assessment of Status Quo, training and implementation of the specific requirements in the daily tasks of Soil and Sub-soil and ecological reconstruction | 51. Training sessions implemented and advice provided on important aspects of Soil and Sub-soil and ecological reconstruction (about 30 experts trained) | 17th month | X |
| **3.6.3** | Evaluation workshop with recommendations | 52. The implemented training programme has been evaluated in a workshop (about 30 participants) | 17th month | X |
| | | 53. Further recommendations for improvements in sector made and additional training needs have been identified | | |
| | | 54. The relevant Romanian administrations have started the implementation of the recommendations | | |
| **Sub – Component 3.7: Chemicals Legislation** | | | | |
| **3.7.1** | Assessment of Status Quo, training and implementation of the specific requirements in the daily tasks of chemicals legislation | 55. Training session implemented and advice provided on important aspects of chemicals legislation (e.g. monitor the use and trade of restricted chemical substances; about 15 experts trained) | 17th month | In progress |
| | | 56. Support given in the identification of economic agents that develop activities involving persistent, bio-accumulable and toxic chemical substances (PCB, CMR) according to REACH procedure | | |

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| **3.7.2** | Evaluation workshop with recommendations | 57. The implemented training programme has been evaluated in a workshop (about 15 participants) | 17th month | |
| | | 58. Further recommendations for improvements in the sector made and additional training needs have been identified | | |
| | | 59. The relevant Romanian administrations have started the implementation of the recommendations regarding chemicals legislation by the end of the project | | |
| **Sub-Component 3.8: Horizontal Legislation** | | | | |
| **3.8.1** | Assessment of Status Quo, training and implementation of the specific requirements in the daily tasks of horizontal legislation | 60. Training sessions implemented and advice provided on important aspects of horizontal legislation (e.g. EIA procedure for projects to be financed from Structural and Cohesion Funds; review of the EIA/SEA studies' reports and subsequently related permitting process; about 30 participants) | 17th month | X |
| **3.8.2** | Evaluation workshop with recommendations | 61. The implemented training programme has been evaluated in a workshop (about 30 participants) | 17th month | X |
| | | 62. Further recommendations for improvements in the sector made and additional training needs have been identified | | |
| | | 63. The relevant Romanian administrations have started the implementation of the recommendations regarding horizontal legislation by the end of the project | | |
| **Sub-component 3.9: Structural Instruments** | | | | |
| **3.9.1** | Introductory workshop on Structural Instruments | 64. General aspects and difficulties of Structural Instruments presented and discussed in a workshop (about 30 participants) | 6th month | X |
| | | 65. Special training needs and the detailed training programme for the sub-component Structural Instruments (scope, contents, time schedule) | | |
| **3.9.2** | Assessment of Status Quo, training and implementation of the specific requirements in the daily tasks of Structural Instruments | 66. Training sessions implemented and advice provided on important aspects of Structural Instruments (about 30 experts trained) | 6th month | In progress |
| **3.9.3** | Evaluation workshop with recommendations | 67. The implemented training programme has been evaluated in a workshop (about 30 participants) | 17th month | |
| | | 68. Further recommendations for improvements in the sector made and additional training needs have been identified | | |
| | | 69. The relevant Romanian administrations have started the implementation of the recommendations | | |
| **Component 4: Technically focused activities** | | | | |
| **4.1** | Legislative support | 70. All relevant EC Directives presented | 4th month | X |
| | | 71. Legal gap analysis performed | 5th month | |

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| | | 72. Recommendations on the alignment of the national legislation elaborated and disseminated | 6th month | |
| **4.2** | Presentations of case Studies, types of landfills/installations and procedures for the inspection | 73. Guidance on administrative procedures regarding the inspection of disposal procedures of operators elaborated | 7th month | X |
| | | 74. Templates for the documentation of transport and disposal of hazardous substances, documentation and dissemination | 10th month | |
| **4.3** | Monitoring procedures for existing landfills | 75. Responsibilities of different environmental authorities (REPA, LEPA, NEG) in the field of monitoring landfills clarified | 8th month | X |
| | | 76. Administrative monitoring procedures defined | 10th month | |
| | | 77. Technical procedures defined | 12th month | |
| | | 78. Documentation (guidelines, manuals) are disseminated | | |
| **4.4** | Closure and after-closure monitoring, procedures and training | 79. Priorities for closure or recovery defined | 10th month | X |
| | | 80. Cost assessment prepared | 12th month | |
| | | 81. Closure procedures for industrial waste landfills (technical requirements, permits, …) are elaborated | 13th month | |
| | | 82. Training programme defined and implemented | 14th month | |
| **4.5** | Recovery, procedures and training | 83. Priorities for closure or recovery defined | 12th month | In progress |
| | | 84. Cost assessment prepared | | |
| | | 85. Possible solutions for recovery of industrial waste in landfills are assessed | 13th month | |
| | | 86. Guidelines for recovery (checklist for supervisory authorities, technical descriptions, …) are elaborated | 14th month | |
| | | 87. Training programme and materials on monitoring procedures for industrial waste landfills and on recovery | 15th month | |
| | | 88. Training measures (workshops with REPA/LEPA staff, seminars for municipalities and operators, case study) are implemented | 16th month | |
| **4.6** | Support in planning procedures/ industrial waste management at the regional level | 89. Possible use of Structural Instruments for necessary investment measures, like SOP Environment and Program Complement etc. are assessed | 12th month | |
| | | 90. Activities are coordinated with those on Regional Environmental Action Plans, Master Planning, Soil Protection | 17th month | |
| **4.7** | General Focal Point activities | 91. Advice given to other RTAs/STEs from the other twinning projects | 17th month | |
| | | 92. A network for communication and exchange of information/progress related to industrial waste management issues is built up | 17th month | |
| | | 93. Focal Point established | 6th month | |

## 2.3 ACTIVITIES IN THE REPORTING PERIOD

In the reporting period, work continued within Sub-component 3.1, Sub-component 3.2, Sub-component 3.3, Sub-component 3.4, Sub-component 3.5, Subcomponent 3.6, Sub-component 3.8, Sub-component 3.9 and Activity 4.4.

### Component 3: Support the REPA Galati in the performance of the daily activities

**Sub-component 3.1 Environmental Planning and Policy**

The second mission of STEs Joerg Mayer and Sven Schulz was carried out from 26th until 30th of April 2009. During the mission there were carried out the following activities:

- Coordination meeting with RTA and RTA Counterpart
- Working meeting with REPA staff in charge with Environmental Planning and Policies
- Workshop on Planning and Horizontal Legislation (in collaboration with the STE from sub-component 3.8). The topics approached during the workshop were: environmental problems and basic principles related to planning of priority zones for establishing wind parks in Hessen Region, analysis of existing environmental informational systems at international, regional and local level, planning of action measures for noise in Germany (implementation of Directive 2002/49/EC) and elaboration and content of a Clean Air Action Plan in Germany.

At this workshop participated 36 representatives from REP Galati, the 6 LEPAs in SE Region, NEG Braila, NEG Vrancea, DDBRA Tulcea and Prefecture of Galati.
The Mission Report of the experts includes also recommendations and assessment of activities carried out within this sub-component.
This sub-component is completed and all benchmarks are achieved.

For more detailed information please find attached in **Annex 1** the mission report of the Experts, invitations, agenda, presentations and list of participants.

**Sub-component 3.2 IPPC**

The mission of Mr. Klaus Dieter Warnatz and Mr. Konrad Mair took place from 22nd until 27th of March 2009. During the mission there were carried out the following activities:

- coordination meeting with RTA and RTA Counterpart,
- workshop on IPPC (Guideline on Ferrous Metal Foundries): The objective of the workshop was to present the final version of the Guideline that have to be

approved by the Ministry of Environment. After the approval the document will be disseminated.

- Training on job for practical implementation of the Guideline in day by day work of REPA Galati and LEPA Galati staff from authorization departments.

At the workshop participated about 11 representatives from REPA Galati, LEPA Braila, NEG Galati and NEG Tulcea.

For more detailed information please find attached in **Annex 2** the mission report of the Expert, presentations and list of participants.

**Sub-component 3.3 Waste Management**

The second mission of STE Martin Pohlmann took place from 29th of March until 03rd of April 2009.

The activities carried out during the mission were:

- coordination meetings with REPA staff in charge with Waste Management
- Training on the job regarding the New Waste Framework Directive
- open seminar with the following topics: the new Waste Framework Directive, Certain issues at regional level regarding waste management, monitoring report of Regional Plan for Waste Management, meeting of Monitoring group for RPWM.

At this seminar participated about 44 representatives of REPA Galati, LEPAs in SE Region, NEG, County Councils, City Halls, Prefectures, RDA SE and IB SOP Environment.

This sub-component is completed and all benchmarks are achieved.

For more detailed information please find attached in **Annex 3** the mission report of the Expert, invitations, agenda, presentations and list of participants.

**Sub-component 3.4 Air Quality**

The second mission of STEs Dr. Bernd Heits and Mr. Wolfgang Muller took place from 23rd until 26th of February 2009. During the mission there were carried out the following activities:

- Training session on Data Validation at LEPA Galati with the participation of LEPA Braila on 23rd of February 2009.
- Training session on Data Validation at LEPA Buzau with the participation of LEPA Vrancea on 24th of February 2009.
- Training session on Data Validation at LEPA Constanta with the participation of LEPA Tulcea on 26th of February 2009.

At these training sessions participated in total about 36 representatives of REPA Galati and LEPAs in SE Region.
This sub-component is completed and all benchmarks are achieved.

For more detailed information please find attached in **Annex 4** the mission report of the Experts, invitations, agenda, presentations and list of participants.

**Sub-component 3.5 Biodiversity and Nature Protection**

The 2nd mission of STEs Heinz Werner Persiel and Michael Moll took place from 09th until 14th of March 2009. During the mission there were carried out the following activities:

- coordination meeting with RTA and RTA Counterpart,
- working meetings with the REPA staff in charge for biodiversity and nature protection,
- workshop on Nature 2000 Network. The topics discussed were: national strategy for the elaboration of Natura 2000 management plans, implementation status of the LIFE project 05 NAT/RO/000155 (Natural Park Lower Prut), discussions regarding the status of implementation and elaboration of the Management Plans of Natural and National Parks in South East Region, Practical examples from Germany, chances and risks from the point of view of the local authorities, possibilities of involving the NGOs in the elaboration of the Management Plans.

At the workshop participated about 28 representatives of REPA Galati, LEPAs in SE Region, Local Authorities, DDBRA, Natural and National Parks in SE Region, Romanian Ornithological Society, Forestry Service and IB SOP Environment.
This sub-component is completed and all benchmarks are achieved.

For more detailed information please find attached in **Annex 5** the mission report of the Expert, invitations, agenda, presentations and list of participants.

**Sub-component 3.6 Soil, Subsoil and Ecological Restoration**

The mission of Mr. Klaus Rehda and Mrs. Nannett Aust took place from 16th until 20th of February 2009. During the mission there were carried out the following activities:

- Coordination meetings and preparation of workshop
- Discussions with REPA staff regarding special problems in the region SE
- Workshop with evaluation and recommendations on the revitalization of industrial contaminated sites.

At the workshop participated about 35 representatives of Ministry of Environment, REPA Galati, LEPAs and NEG in SE Region, Local Authorities, Operators, DDBRA and IB SOP Environment.

This sub-component is completed and all benchmarks are achieved.

For more detailed information please find attached in **Annex 6** the mission report of the Experts, invitations, agenda, presentations and list of participants.

**Sub-component 3.8 Horizontal Legislation**

The mission of STE Gabriele Schramm was carried out from 26th until 30th of April 2009. During the mission Mrs. Schramm collaborated with the experts from sub-component 3.1 and during the workshop she presented 3 Study Cases related to: priority zones for establishing wind parks in Germany, elaboration and content of the plans for air quality and implementation of Directive 2002/49/EC on noise.
This sub-component is completed and all benchmarks are achieved.

For more detailed information please find attached in **Annex 7** the mission report of the Expert and presentations.

**Sub-component 3.9 Structural Instruments**

The 1st mission of STEs Wolfgang Pfeiffer and Jens Nowak took place from 9th until 12th of February 2009. During the mission there were carried out the following activities:

- Training day by day with IB SOP Environment staff responsible for programming and development, evaluation and monitoring, payments, the IT-system SMISS and reporting respectively.
- Open seminar on Projects Monitoring with the following topics: roles of the main stakeholders, commence of project implementation, changes of the project during project implementation, monitoring and checking of different parts of the construction, checks after project implementation, payment and final audit.

At the seminar participated about 34 representatives of REPA Galati, LEPAs in SE Region, Local Authorities, DDBRA, Operators and IB SOP Environment

For more detailed information please find attached in **Annex 8** the mission report of the Experts, invitations, agenda, presentations and list of participants.

**Component 4: Support the REPA Galati in the performance of Industrial Waste Management related tasks and the establishment of a Focal Point at REPA Galati**

**Activity 4.4 Closure and after closure monitoring, procedures and training**

The 2nd mission of STE Peter Bothmann took place from 28th of February until 06th of March 2009. During the mission there were carried out the following activities:

- coordination meeting with RTA and RTA Counterpart,
- working meetings with the REPA staff in charge for waste management,

- workshop on elaboration of national guidelines on industrial waste management. The topics discussed during the workshop were: transfrontier shipment of waste, outputs of previous and ongoing Twinning Projects regarding Waste Management, practical support and current problems in the field of domestic waste management in Romania, Industrial Waste Management – current situation in Romania, Proposals for National Guidelines on Industrial Waste Landfills: methods, standards and procedures and Discussions and solutions for the improvement of "Technical Norm" for domestic and industrial waste management.

At the workshop participated about 18 representatives of Ministry of Environment, NEPA, REPA Galati, REPA Craiova, Twinning Project in Craiova, Twinning Project in Bacau, German Experts, MS Project Leader and RTA Twinning Project in Galati

The 3rd mission of Mr. Peter Bothmann took place from 29th March until 03rd of April 2009. During the mission he collaborated with the Expert for sub-component 3.3 and during the open seminar presented information related to landfill technologies and techniques
This activity is completed and all benchmarks are achieved.

For more detailed information please find attached in **Annex 9** the mission reports of the Expert, invitations, agenda, presentations and list of participants.

**Steering Committee**

On 07th – 08th of April 2009 the 3rd Joint Meeting of the Steering Committee (SC) of all regional twinning projects and the NEPA-twinning was held in Bucharest, in the context of the third bi-annual meeting of all twinning projects of the phase 2, organized by the NEPA twinning project. The meeting chaired by Mrs. Liliana Chirila from MoE and Mr. Lothar Guendling, RTA in NEPA twinning project was held at the Ministry of Environment premises and was attended by members of the SC of all 8 regional twinning projects, NEPA twinning project and NEG twinning project. The SC meeting reviewed the progress of the projects since the 2nd Joint Meeting of the Steering Committee. The meeting had been prepared by reports of the projects' activities; these reports were made available in electronic format and printed copies to all SC members. After presentation of summaries of the reports, the meeting discussed major issues of common interest to all projects.

The Steering Committee Meeting for TW RO2006/IB/EN/07 was carried out on 08th of April 2009 at the premises of MoE, Management Authority Training Room. At the meeting participated representatives from MoE, NEPA twinning project, MS Project Leader, RTA, RTA Counterpart and RTA Assistant. During the meeting there were presented the main results achieved regarding the support in the daily activities and

focused activities so far, discussion and confirmation regarding the next work steps; activities scheduled for the next reporting period, discussions and agreements regarding future activities.
For more detailed information please find attached in **Annex 10** the Power Point presentations from SC.

**Side-letters**

In the reporting period was submitted 4 side-letters:
*Side-letter no 9*:

- Within **Activity 3.2.2** there were introduced the following experts: Mr. Franz-Willi Iven and Mr. Dr. Heinz Baumgarten. In addition, the upcoming mission in March of Mr. Konrad Mair and Mr. Klaus Warnatz under this activity will be extended by one work day and one additional per diem for each of the experts. The funding of 1.694,00€ will be taken from savings under activities 3.6.2 (847,00€) as well as activity 3.7.1 (847,00).
- Within **Sub-component 3.6** the training activities for the daily tasks Soil / subsoil protection and ecological reconstruction can be finalized within the next mission of Mr. Klaus Rehda and Nanett Aust, planned for February of 2009. With the finalization of the activity, not all of the budgeted work days will have been needed. Therefore, 3 work days, 4 per diems and 1flight will be reallocated to finance additional input under activity 3.2.2.
- Within Sub-component 3.7 the training activities for the field of chemicals legislation and REACH can be finalized with the next mission of Mr. Greiwe. A total of 4 work days will be sufficient to finalize the training. One work day and one per diem can therefore be reallocated to finance additional input under activity 3.2.2.

*Side-letter no 10:*

- Within **Chapter 6: Project Coordination Costs, t**he savings within this budgetary line will be used to finance other budgetary lines as follows: *Laptop, computer*: **saving of 495,00 Euro,** *Telephone and international phone lines*: **saving of 4.236,30 Euro,** *Photocopier costs*: **saving of 900,00 Euro,** *Beamer for presentations and workshops*: **saving of 870,66 Euro,** *local travel of RO Experts to and from workshops / seminars / meetings from the LEPAs to REPA and NEPA for Component 1***: saving of 2.500,00 Euro,** *local travel of RO Experts to and from workshops / seminars / meetings from the LEPAs to REPA and NEPA for Component 2*: **saving of 2.500,00 Euro,** *local travel of RO Experts to and from workshops / seminars / meetings from the LEPAs to REPA and NEPA for Component 3*: **saving of 2.500,00 Euro,** *local travel of RO Experts to and from workshops / seminars / meetings from the LEPAs to REPA and NEPA for Component 4*: **saving of 2.500,00 Euro,** *office functioning costs*: **saving of**

**3.000,00 Euro,** *office functioning costs:* **funding of 2.031,00 Euro,** *local travel of RO Experts to and from workshops / seminars / meetings from the LEPAs to REPA and NEPA for Component 1, 2, 3 and 4*: **funding of 7.374,98 Euro,** *Hotel accommodation:* **funding of 12.400,00 Euro**

- Within **Activity 1.3: Study Visit:** for the first Study Visit to Germany the travel costs were lower than envisaged by the twinning budget so there is a **saving of 2.195,00 Euro** that is reallocated to finance other budgetary lines.
- Within **Activity 1.4: Wrap-up Workshop:** the necessary **funding** for *workshop rent for meeting room* is increased from 400,00 Euro to 850,98 Euro using the savings from Chapter 6.
- Within **Component 2: Institutional Assessment and Development:** the savings within this component are used to finance budgetary lines from Chapter 6: *workshop rent for meeting room*: **saving of 400,00 Euro,** *workshop equipment*: **saving of 160,00 Euro**
- Within **Activity 3.2.2:** as it was discussed during the Steering Committee Meeting from 26th of November 2008 the Guideline for glass industry started to be elaborated by other twinning project, and the German and Romanian partners took the commitment to elaborate a Guideline on Ferrous metal foundries with a production capacity exceeding 20 tonnes per day.

*Side-letter no 11:*

- **General remarks:** In order to mobilize savings to finance additional input, the costs budgeted for the return plane tickets as well as the local travel costs will be set to real costs for all those activities that have been finalized to date. Additionally, budgeted per diems that were not used in these activities will also be reallocated towards the savings. Savings from travel costs and per diems will be mobilized in activities 1.1, 1.3, 2.1, 2.2, 2.4, 3.1.1, 3.2.1, 3.2.3, 3.3.3, 3.4.1, 3.4.2, 3.5.1, 3.6.1, 3.6.3, 3.8.1, 3.9.1, 3.9.2, and 4.3. The savings will be reallocated to finance additional input under activity 3.3.2 (847,00€) as well as activity 3.7.1 (700,00€). The remaining savings of 8.582,45€ will be reallocated towards the savings budget line.
- Within **Activity 3.3.2:** in order to allow for deeper discussions and a more detailed gathering of conclusions and future work steps, the input allocated for the participation of Mr. Martin Pohlmann in the final evaluation workshop will be increased to a total of 5 work days and 6 per diems. The necessary funding of 847,00€ will be taken from savings under component 1. In addition, Mr. Pohlmann will be introduced as an additional expert under the activity 4.4 on the closure and after-closure monitoring, procedures and training, activity 4.5 on recovery procedures and training as well as in activity 4.6 on the support in

planning procedures for industrial landfills / industrial waste management at the regional level.

- Within **Activity 3.7.1:** in order to allow for one additional mission under the topic of chemicals legislation, one additional flight will be budgeted for the participation of Mrs. Rosemarie Greiwe. Mr. Greiwe is already a member of the team of STEs. The necessary funding of 700,00€ will be taken from savings under component 1.

*Side-letter no 12:*

- Within **Activity 1.3 Study Visits:** the list with the participants for the Second Study Visit to Germany has been defined as follows:
  - **Dr. Dorothea FROHN,** RTA
  - **Mrs. Ana Maria TUDOSE,** Ministry of Environment
  - **Mrs. Magdalena GHEORGHE,** NEPA
  - **Mrs. Carmen Elena SANDU,** REPA Galati
  - **Mrs. Anastasia LESCAI,** REPA Galati
  - **Mrs. Vasilica Fotinia CIOBOTARU,** REPA Galati
  - **Mrs. Daniela CIUTA,** REPA Galati
  - **Mrs. Oksana Alexandru,** REPA Galati
  - **Mrs. Dalia BITAN,** LEPA Buzau,
  - **Mrs. Daiana OPRESCU,** LEPA Constanta
  - **Mr. Niculai GHEORGHE,** LEPA Tulcea
  - **Mr. Irinel OPREA,** RTA Assistant

## 2.4: TIMING AND DELAYS

| | |
|---|---|
| | Activity/Action Planned |
| X | Activity/Action Performed |
| | Activity/Action Delayed by more than 3 months |

| Project Month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Component 1** | **Kick off, Coordination with other projects, RTA travel to other projects** | | | | | | | | | | | | | | | | | |
| **Activity 1.1** | X | | | | | | | | | | | | | | | | | |
| **Activity 1.2** | X | X | | | | | | | | | | | | | | | | |
| **Activity 1.3** | | | | | | | | | X | | | | | | | | | |
| **Activity 1.4** | | | | | | | | | | | | | | | | | | |
| **Component 2** | **Institution building – Institutional matters / Change / Support** | | | | | | | | | | | | | | | | | |
| **Activity 2.1** | | X | | | | | | | | | | | | | | | | |
| **Activity 2.2** | | | | | | X | | | | | | | | | | | | |
| **Activity 2.3** | | | X | | | | | | | | | | | | | | | |
| **Activity 2.4** | | | | | | X | | | | | | | | | | | | |

| Project Month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Component 3 Daily Activities** | | | | | | | | | | | | | | | | | | |
| **Sub-component 3.1 Environmental Planning and Policy** | | | | | | | | | | | | | | | | | | |
| **Activity 3.1.1** | | | | | | | | | X | | | | | | | | | |
| **Activity 3.1.2** | | | | | | | | | | | | | | | X | | | |
| **Sub-component 3.2 Integrated Permitting Procedure** | | | | | | | | | | | | | | | | | | |
| **Activity 3.2.1** | | | | | X | | | X | X | | | | | | | | | |
| **Activity 3.2.2** | | | | | X | | | | | | | | | X | | | | |
| **Activity 3.2.3** | | | | | | | | | | | | | | | | | | |
| **Sub-component 3.3 Waste management** | | | | | | | | | | | | | | | | | | |
| **Activity 3.3.1** | | | | X | | | | | X | | | | | | | | | |
| **Activity 3.3.2** | | | | | | | | | | | | | | X | | | | |
| **Sub-component 3.4 Air Quality and Climate Change** | | | | | | | | | | | | | | | | | | |
| **Activity 3.4.1** | | | | | | | | X | | | | | | | | | | |
| **Activity 3.4.2** | | | | | | | | | | | | | X | | | | | |
| **Sub-component 3.5 Biodiversity and Nature Protection** | | | | | | | | | | | | | | | | | | |
| **Activity 3.5.1** | | | | | | X | | | | | | | | | | | | |
| **Activity 3.5.2** | | | | | | | | | | | | | | X | | | | |
| **Sub-component 3.6 Soil and Sub-soil and Ecological Reconstruction** | | | | | | | | | | | | | | | | | | |
| **Activity 3.6.1** | | | | | | | | X | | | | | | | | | | |
| **Activity 3.6.2** | | | | | | | | | | | X | | X | | | | | |
| **Activity 3.6.3** | | | | | | | | | | | | | | | | | | |
| **Sub-component 3.7 Chemicals legislation** | | | | | | | | | | | | | | | | | | |
| **Activity 3.7.1** | | | | | | | | | | | X | | | | | | | |
| **Activity 3.7.2** | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sub-component 3.8 Horizontal Legislation** | | | | | | | | | | | | | | | | | | |
| **Activity 3.8.1** | | | X | | | | | | | X | | | | | | | | |
| **Activity 3.8.2** | | | | | | | | | | X | | | | | X | | | |
| **Sub-component 3.9 Structural Instruments** | | | | | | | | | | | | | | | | | | |
| **Activity 3.9.1** | | | | | X | | | | | | | | | | | | | |
| **Activity 3.9.2** | | | | | X | | | X | | X | | | X | | | | | |
| **Activity 3.9.3** | | | | | | | | | | | | | | | | | | |

| **Project Month** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Component 4 Technically Focused Activities** | | | | | | | | | | | | | | | | | | |
| **Activity 4. 1** | | X | | | | | | | | | | | | | | | | |
| **Activity 4.2** | | | X | | X | | | | | | | | | | | | | |
| **Activity 4.3** | | X | | | X | | | | | X, X | | | | | | | | |
| **Activity 4.4** | | | | | | | | | | X | | X | | X, X | | | | |
| **Activity 4.5** | | | | | | | | | | | | | | X | | | | |
| **Activity 4.6** | | | | | | | | | | | | | | | | | | |
| **Activity 4.7** | | | | | | | | | | | | | | | | | | |

## 2.5: ASSESSMENT

During the reporting period the Twinning Team made a big step foreword regarding the fulfillment of the project activities and benchmarks as following:

- **Different daily activities** under Component 3 have been provided and implemented and some of them are finished already:

    - Sub-component 3.1: Environmental Planning and Policy (finished)
    - Sub-component 3.2: IPPC
    - Sub-component 3.3: Waste Management (finished)
    - Sub-component 3.4 Air Quality and Climate Change (finished)
    - Sub-component 3.5: Biodiversity and Nature Protection (finished)
    - Sub-component 3.6: Soil and Sub-soil Protection and Ecological Restoration (finished)
    - Sub-component 3.8: Horizontal Legislation (finished)
    - Sub-component 3.9: Structural Instruments

- The last missions under Component 3 were prepared, esp. with regard to Sub-components 3.2 Integrated Permitting Procedures, 3.7 Chemicals and 3.9 Structural Instruments.

- **Focal point activities** were improved (Activity 4.4) and the documents for the national workshop regarding the Focal Point were prepared.
- Mission of key STE took place and also an exchange of information and experience with representatives of the NEPA and the Ministry of Environment as well as with representatives/STEs of Twinning Projects Craiova and Bacau regarding Waste Management took place.
- The **Workshop** on the "Elaboration of National Guidelines on Industrial Waste Management – Focal Point Activities" as an essential consultation at the **national level** was provided successfully.

In all the activities, which have to be undertaken during the reporting period the Twinning Team supported the Partners within the Regional and Local Environmental Protection Agencies in the South Eat Region to improve their Knowledge regarding the main responsibility for the implementation of the EU legislation in the environmental sector on the regional level.

These results were possible on the basis of a very good cooperation between the Project partners from Romania and Germany at the different levels.
All actors involved are aware of the project purposes, their roles and responsibilities regarding the preparation and the implementation of the different activities within the project.
Especially all STEs missions were prepared very carefully from both sides, from the Romanian as well as from the German partners. The visit in the landfill took place with support of the Twinning Project Pitesti.

Furthermore all working meetings and seminars were characterized by a combination of Romanian and German presentations, experiences and recommendations in the different fields. Only with this methodology synergies are possible.

The **Intermediate Bodies** (IBs), which were set up as distinctive directorates at the level of each Development Region (NUTS II) of Romania have to fulfill their duties in a very close cooperation with the REPA and LEPA Teams. One of their duties is the support of the Beneficiaries regarding the implementation of projects which have to be implemented according to the procedures of the SOP Environment. German STEs trained the IB staff in their daily activities on a concrete project; like training on the job with the result of "Lessons learnt" for the upcoming projects.

# 3. EXPENDITURES

# 4. ANNEXES