PHARE Cross Border Co-operation Programme Poland - Germany 2003

Standard Summary Project Fiche

1 Basic information
1.1 CRIS number: 2003/005-708.16

1.2 Title:
Construction of a Solid Waste Management Facility in Lubomierz

1.3 Sector - infrastructure/environment
1.4 Project location:
Project is located in Poland, Lower Silesia, Lwówek Śląski Poviat in the Municipality of Lubomierz, Town of Lubomierz, 40 km from the Polish German border

2 Objectives

2.1 Overall objective
1. realisation of the governmental policy concerning solid waste management;
2. implementation of the principle of eco-development of the common border area in view of securing sustainable development through the cross border protection of natural environment.

2.2 Project purpose
Immediate objective is to set in order municipal solid waste management for the town and municipality of Lubomierz, Wlen and Gryfów Śląski and Municipality of Stara Kamienica by constructing of the state of art municipal solid waste utilising facility and development of waste segregation system at source.

2.3 Priorities of “Accession Partnership” and “National Programme for the Adoption of the Acquis”
The above objectives were set basing on the assumptions defined in “Accession Partnership” and “National Programme for the Adoption of the Acquis” – the document elaborated by Polish government that contains guidelines for the adoptive governmental actions taken in view of accession to the EU.
The medium -term guidelines regarding the protection of the environment assume that the requirements for the environmental protection have to become an integral part of various separate sectors by means of development of structure, capability for monitoring an inspection of the implementation technologies related to water, waste water and solid waste. The project objectives correspond to actions foreseen within the main measures of the technical assistance of the Community to the projects that target at the investment, that would enable Polish infrastructure to adapt to the Community standards “particularly in respect to the environmental protection agriculture, industry and safety.
The project objective is in line with the objective 5 of the Lower Silesia Development Strategy, i.e. – „Protection of natural environment and re-vitalisation of the landscape”. Realisation of the objective will be done by means of „development of the complex system of waste management in the region. The objective conforms with the assumptions and priorities of the Joint Programming Document (JPD) Poland – Germany.

2.4 Contribution the National Development Plan and the Joint Programming Document
The objective will be realised within the development axe number 6 (strengthening development potential of regions and counteracting marginaling of some regions), priority 1 - extension and modernisation of infrastructure serving strengthening competition of the regions –National Development Plan prepared by the Regional Development of the Ministry of Economy; within the framework of Joint Programming Document Lower Silesia Saxony Phare CBC II – Interreg III A it will be the Priority C – Environment, Measure C1.

2.5 Cross Border Impact
Realisation of the project is fully backed up by the German side and expresses the intention of the covenant about partnership of municipalities in creating multidimensional, conducive condition for co-operation between municipalities in matters of local environmental issues (Annex 8) concluded with the German side.
Project conforms with the Main Priorities and Measures of the Phare CBC Programme – Priority C Environment, Measure C1 - reducing of the hazard to the environment to strengthen the ecological development of the border area.
Realisation of the project will impact cross border co-operation through:
- improvement of the health conditions in the area adjacent to the border river Odra on both sides of the border Polish and German, by reducing of water pollution (leachate from hazardous or wild dumpsites is discharged to the Bobr river, and then to Odra river, polluting resources of drinking water for towns and villages on both sides of the border river),
- pollution reduction in waters of the Bóbr river and the Kwisa river being the tributary rivers to the Odra river to the level of EU norms,
- increase of the social awareness in the field of municipal waste segregation at source,
- improvement of image of border area and making the region attractive for tourist especially in the Landscape Park of Bóbr Valley,
- improvement of flora and fauna habitat in the rivers of the region and multiplication fish in ecosystem.

3 Description
3.1 Background and justification
The idea of the project that targets at the complex solution of municipal solid waste management came from the authorities of the Municipality of Lubomierz, Wlen, Stara Kamienica and Gryfów Slaski. The project covers the following areas: Town of Lubomierz, Wlen and Gryfów Slaski 13 districts of the Municipality of Lubomierz, 10 districts of Municipality of Stara Kamienica, 12 districts of Municipality of Wlen and 7 districts of Municipality of Gryfów Slaski – altogether the project covers the area of 383 km². In disposal of wastes at the prospective Municipal Solid Waste Utilising Facility are interested authorities of the Town of Jelenia Góra, which plan to dispose municipal wastes produced in some parts of the town. The project will cover 50 000 citizens and the amount of wastes produced by them fully justifies realisation of the project and introducing of a complex system of waste management. As there are no municipal landfills in the Municipality of Stara Kamienica and Wlen and the existing municipal landfills in Lubomierz and Gryfów Slaski meet neither binding environmental regulations nor EU regulations there is a necessity to build a modern Municipal Solid Waste Utilising Facility for the mentioned municipalities and for the part of Jelenia Góra town.

Location of the prospective facility has been fully accepted by the communities of our Municipality. On the stage when the local plan of special management has been presented for approval and during the time for consulting the public opinion on the plans of building Municipal Solid Waste Utilising Facility there were no social protest against the plans.

A pro for the realisation of the project is the regulated status of the land property foreseen as a site for the facility – it is the property of the Municipality of Lubomierz. There exist also a possibility of further extension of the facility.

In the special concept for the prospective facility there is planned, according to the future needs, the next dumpsite quarter of the landfill No 2 using the existing infrastructure.

The Municipality of Lubomierz has already begun works to introduce a new system of municipal waste management system based on a modern, rational solutions for all components of the system: social education, collection and segregation, transport, utilising, and final disposal of wastes. Municipal Solid Waste Utilising Facility located in Lubomierz should be the main component of the system.

The investment covers the realisation of the following tasks:

- program for selective collection of wastes,
- building of a new dumpsite quarter - about 1.35 ha,
- making the old landfill secure in order to remove the existing hazards and preparation for its prolonged operation,
- construction of the municipal waste separation station enabling further recycling and processing of materials for facilitation of their sale,
- purchase of containers.

The National Waste Management Plan was elaborated in October 2002, after completing the technical design of waste utilizing plant in Lubomierz. For this reason, the goals and rules of waste management formulated in the National Waste Management Plan were not explicitly defined in the documentation of this plant. However, that does not indicate that those rules and goals will be not fulfilled as a result of the operation of the plant. The Regional Waste Management Plan for Lower Silesia (being in the process of preparation), contains a location of the waste management installation in Lubomierz. In poviat and municipal plans, the detailed strategies, goals and solutions (as means to achieve the goals) for waste management that are compatible with National and Regional Waste Management Plans, will be developed. The development of selective collection of valuable fractions of waste combined with sorting, biological treatment and landfilling of remaining wastes will make possible to achieve main goals of rational waste management (waste minimizing, recovery of valuable fractions, treatment and final landfilling).

3.2 Linked activities
As the protection of water and the ground against the pollution by the municipal waste is one of the main problems of environmental protection, there are constructed more and more waste utilising facilities. In the catchment area of the rivers BOBR and Kwisa there have already been built new municipal landfills in Mirsk, Płoczk Dolne by Lwówek Slaski and the Centre for Utilising of Municipal Wastes for Łużycie Municipalities in Luban. Also the Municipality of Bolesławiec realises Municipal Refuse Processing Plant co-financed by the Phare Fund. The area covered by this project remained as the last one that until now has not got waste management set in order. The construction of waste utilising facility will enable to protect the area as well as the catchment area of the Odra river against the pollution.

3.3 Results
As the result of the project there will be constructed Municipal Solid Waste Utilising Facility including:

- municipal landfill of a total capacity of 115,000 m³ enabling disposal of wastes for the next 20 years (I stage – new quarter – capacity 40,000 m³, II stage – adjusting of the existing landfill for disposal to a full capacity of 115,000 m³),
- facilities and installations for the selective collection of wastes, recycling, and partly processing of wastes enabling their sale.

3.4 Activities
During realisation of the project the following activities will be undertaken:
1. Construction of the landfill including:
   - Construction of new waste disposal quarters with the pool for leachate and sanitary sewer conveying leachate to the waste water treatment plant,
   - Securing the existing landfill and adjusting it to the further use,
   - System of drains,
   - Supply of water and electric power,
   - Administration building,
   - Car wash, disinfections and garage,
   - Roads, fencing, greenery
   - Purchase of installation and equipment necessary for functioning of the facility,
2. Construction of facilities for sorting recyclable materials with necessary equipment and composting place.
3. Creating a local monitoring network.

Planned financing:
- Total value 2,90 MEUR
  including: (2,16 MEUR - Phare share, 0,74 MEUR – own share)

3.5 Lessons learned
The municipalities involved in the project realised physical investment projects co-financed by the UE aid Reconstruction Programme – in the field of road infrastructure and regulation of watercourses. The contracts were concluded in time and the final accounts were settled in time as well. There was a good co-operation with the institutions responsible on behalf of the EU for realisation of those projects. The instructions issued by them were followed. The planned investment will be realised according to the EU regulations and the accounts will be settled according to timetable and concluded contracts endorsed by the competent EU institutions.

4 Institutional framework
4.1 The following entities are responsible for the implementation of the project:
- Implementing Authority for Phare CBC Programme
- Wojewoda Dolnoslaski (voivode of Lower Silesia)
- Wojewódzki Sejmik Samorządowy (Lower Silesia Regional Parliament)
- Starostwo Powiatowe w Lwówku Śląskim (County Authority in Lwówek Śl.)
- Gmina Lubomierz (Municipality of Lubomierz)
- Gmina Stara Kamienica (Municipality of Stara Kamienica)
- Gmina Wlen (Municipality of Wlen)
- Gmina Gryfów Ślaski (Municipality of Gryfów Śl)
- Miasto Jelenia Góra (Town of Jelenia Góra)

4.2 Results of the project will not influence the existing institutional framework.
4.3 Not applicable.
4.4 There will be done a tender for the choice of the Engineer.
The institution responsible for realisation of the project will be the Municipality of Lubomierz. The assets will be the property of the Municipality of Lubomierz. It will be a public property.

5 Detailed Budget (in M.EURO)

<table>
<thead>
<tr>
<th>Item</th>
<th>Phare CBC 2003 support</th>
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<tbody>
<tr>
<td></td>
<td>Investment (I)</td>
<td>Institution Building (IB)</td>
</tr>
<tr>
<td>Contract 1</td>
<td>2,16</td>
<td>0.00</td>
</tr>
<tr>
<td>TOTAL</td>
<td>2,16</td>
<td>0.00</td>
</tr>
</tbody>
</table>
The contract will be jointly co-financed through the local municipalities own budget.

6 Implementation Arrangements
Implementing agency:
Phare CBC Implementing Authority
Ministry of Internal Affairs and Administration
00-522 Warsaw, 2/4 Wspólna Street, Poland
Phone: +4822 6618739
Telefax: +4822 6284722
E-mail: Phare@wwpwp.it.pl
www.wwpwp.it.pl
PAO:
Mr Pawel Dakowski
Undersecretary of State
Ministry of Internal Affairs and Administration
02-591 Warsaw, 5 Batorego Street
6.2 Twinning - Not applicable
6.3 Non-standard aspects
The project will be realised in accordance with the Phare Procedure- the procedures described in the "Practical Guide to Phare, ISPA and Sapard Procedures” will be strictly observed.
6.4 Contracts
There will be only one invitation to tender for all construction and assembly works of Municipal Solid Waste Utilising Facility and one contract will be concluded for the amount up to 2.9 MEUR including: (2,16 MEUR - Phare share, 0,74 MEUR – own share). The national co-financing will take the form of “joint co-financing” of the contract signed.

7 Implementation schedule
7.1 Start of tendering: I quarter 2004
7.2 Start of project activity: II quarter 2004
7.3 Project completion: IV quarter 2006

8. Equal opportunities
The relevant professional skills and experience in performing similar projects shall be the criterion for the evaluation and selection of staff who will be responsible for the implementation and follow-up of the project rather than their gender or age, confession or physical capacity. Both male and female will be having equal opportunities.

9. Environment
Environmental Impact Assessment was elaborated in 1999 and updated in January 2002. It is available at the office of beneficiary.
(Annex No 4 constitutes a non-technical summary of the environmental impact assessment.)
The project has a significant impact on the quality improvement of the natural environment what results from:
• Preventing penetrating of the leachate from the landfills that do not meet environmental standards to the rivers of Bóbr and Kwisa, underground waters and underground reservoirs of drinking water,
• Protection of the Landscape Park of the Bóbr Valley that covers the Municipality of Wlen and some parts of Municipalities of Lubomierz and of Stara Kamienica.
• Separation of recycable materials - re-use of some materials
• Utilisation of municipal wastes according to the EU policy (recycling, reuse, waste to energy)
Basic requirements for waste management strategies, resulting from the UE Directive 1999/31/EC, concern obligation for waste treatment before landfilling, and especially gradual decreasing the content of biodegradable fraction in waste to be landfilled (by 35 % in 2010, by 50 % in 2013 and by 75 % in 2020 in comparison to 1995). These goals will be executed by the selective collection and recycling of paper, selective collection and composting of biofraction and additional mechanical and biological treatment of remaining (mixed) waste. The last component of the waste management system, although not yet necessary, will be built up for the needs of regional waste management or in the frame of extension of the plant being proposed. The final and binding decision concerning this problem, will be made on the level of the Poviat Waste Management Plan or Regional Waste Management Plan of the next edition (during next 4 years).

10. Rates of Return
Investment costs (partly) and costs of later operations will be covered by the revenues from the charges for waste
Financial and economic analysis giving justification to the project including calculation of the NPV and IRR is summarised in the annex 4. The full documentation related to the analysis is available in the office of beneficiary.

Financial Internal rate of return FIRR amounts to 3%
Economic rate of return ERR amounts to 10%
There was elaborated a spatial concept design for the project of Municipal Solid Waste Utilizing Facility for the Town and Municipality of Lubomierz, Wlen and Gryfów Sl. that includes elements of a feasibility study.

11. Investment Criteria
11.1 Catalytic Effect
Phare aid will help to speed up completion of planned activities in the field of environmental protection, which in case of realising them only by own means could be prolonged until 2010. Co-financing the project by Phare funds will enable to complete and settle accounts of the project by the end of 2006. the co-financing will speed up actions according to EU accession priorities. It will also enable other actions according to the integration policy.

11.2 Co-financing
The project will be co-financed through the local municipalities own budget. Their share shall be 25%.

11.3 Additionality
Each of the co-financing institutions provides their financial allocation to this project with the allocation not being dependent on the amounts allocated by the other institutions. The Phare financial assistance does not eliminate other sources of financing, it is just a component that can accelerate the accomplishment of the target results.

11.4 Project Readiness and Size
The project is completely prepared for implementation. A design has already been made. The conditions for building and spatial development are issued. All the issues related to the formal and legal aspect have been solved. There exist a building permit No 11/03 from 24 January 2003.

The following document have been elaborated:
- spatial concept design for the project of Municipal Solid Waste Utilising Facility for the Town and Municipality of Lubomierz, Wlen and Gryfów Sl. in Lubomierz – elaborated in August 2000
- environmental impact assessment - elaborated in 1999 and updated in January 2002
- geology and project design – elaborated in December 1999
- program of public consultations and location of the project - in July 2000

11.5 Sustainability
Municipal Solid Waste Utilising Facility constructed with the aid of Phare fund will be in operation for several dozen years. Realised project will be sustainable, conforming with the EU policy, meeting EU norm and standards. The project will have positive impact on the environment. To cover maintenance costs there will be provided funds from operation of facility according to the agreement which will be concluded by the participating municipalities. The Operator of the facility will be an enterprise, of which shareholders will be the participating municipalities. Its role will be to balance operational costs of the MSUF and operational revenues.

11.6 Compliance with State Aid Provisions
All actions taken within the project shall be taken with respect of the competition law being in force in the EU. The contractor will be chosen based on international open procedure. Eligible will be companies from the EU and Accession countries, without preference.
The state aid will not be used for financing of operational costs.

11.7 Contribution to the National Development Plan
The project meets the priorities of the National Development Programme and its objectives conform one of the strategic objectives of the National Development Plan (National Strategy of Environmental Protection for the years 2000–2006) which is to meet the community standards concerning quality of water in catchment areas. It will result in health improvement of the population. It meets also the premises of the Joint Programming Document – priority C Environment, Measure C1 Reduction of hazard to natural environment to strengthen long term ecological development of the living space in order to guarantee sustainable development by means of cross border protection of the environment.
Realisation of the planned project will contribute to adjusting the region to the EU standards within the context of:
- reducing negative impact of wastes to the environment through eliminating hazardous leachate to the Bóbr river, ground waters and underground sources of drinking water,
- improvement of ecological landscape and improvement of tourist attractiveness of the town and municipality of Lubomierz, Wlen, Gryfów Śląski and the Municipality of Stara Kamienna;
- recycling to the economy waste which can be treated as material
- reduction of about 30% volume of wastes destined for final disposal (prolonging of life time for landfill)
12. **Conditionality and Sequencing**

The design of the project has been completed. There exist no threat to the realisation of the project. The reclamation of the closed down landfill in Stara Kamienica is being realised and financed by budget of Municipality.

Office of the Town and Municipality of Lubomierz, tel. 075 7833166, fax 075 7833167, e-mail: ugimlubomierz@poczta.fm
Contact person: Danuta Adamiszyn
## Annex 1: LogFrame

### “Construction of a Solid Waste Management Facility in Lubomierz”

<table>
<thead>
<tr>
<th>Overall objective</th>
<th>Objectively verifiable indicators</th>
<th>Sources of verification</th>
<th>Assumptions and Risks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) realisation of the governmental policy concerning solid waste management; 2) implementation of the principle of eco-development of the common border area in view of securing sustainable development through the cross border protection of natural environment</td>
<td>100% citizens using the facility and included in the program of selective collection of wastes</td>
<td>1. Reports on the state of environment elaborated by the Authorities of Municipalities 2-3 years after the completion of the project 2. Statistical data on the state of environment 3. Information from the user of MSWUF</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Project purpose</th>
<th>Objectively verifiable indicators</th>
<th>Sources of verification</th>
<th>Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Setting in order municipal solid waste management of the municipalities of Lubomierz, Wlen, Stara Kamienica and Gryfów Ślaski by construction of the modern Solid Waste Utilising Facility and creating a system of waste separation at source</td>
<td>1. Closing down all illegal dumps in the area covered by the project 2. Making operational a system of selective waste collection 3. Amount of segregated and recycled materials - waste paper 20 T/month - glass 26 T/month - plastics 15 T/month - bio wastes 12 T/month</td>
<td>1. Reports on the state of environment elaborated by the Authorities of Municipalities 2-3 years after the completion of the project 2. On going information and documents supplied by the user</td>
<td>1. Lack of interest of potential recipients of the recycled materials</td>
</tr>
</tbody>
</table>

### Results

<table>
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<th>Sources of verification</th>
<th>Assumptions</th>
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**Date of elaboration:** November 2000

**Planned period:**
- 1 quarter 2004
- III quarter 2006

**Total budget:** 2.9 M EUR

**Phare budget:** 2.16 M EUR
Construction of Municipal Solid Waste Utilising Facility including:
- Municipal landfill of a total capacity of 115,000m³ enabling disposal of wastes for the next 20 years (I stage – new quarter capacity 40,000m³, II stage – adjusting of the existing landfill for disposal to a full capacity of 115,000m³)
- Facilities and installations for the selective collection of wastes, recycling, and partly processing of wastes enabling their sale

| 1. Capacity of the landfill 115,000 m³ |
| 2. Monthly capacity for reception of wastes 2690 m³/month |
| 3. Life time for operation of the landfill by servicing all citizens covered by the project - about 20 years |
| 4. Separation capacity of sorting facility – 4 T of sorted materials a day |
| 5. New jobs - 8 |

1. Quantity and quality tests made by the user shortly after beginning of operation
2. On going information and documents supplied by the user

1. Efficiency of the programme of selective waste collection
2. Lack of social awareness on the issue of secure waste disposal
<table>
<thead>
<tr>
<th>Activities</th>
<th>Inputs</th>
<th>Costs</th>
<th>Assumptions and Risks</th>
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</thead>
<tbody>
<tr>
<td>Construction of the elements of the facility</td>
<td>One contract for construction and assembly</td>
<td>Total budget 2.9 M EUR Phare budget 2.16 M EUR</td>
<td>- Not identified</td>
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<tr>
<td>4. Construction of the landfill including</td>
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<tr>
<td>• Construction of new waste disposal quarters with the pool for leachate and sanitary sewer conveying leachate to the waste water treatment plant,</td>
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<tr>
<td>• Securing the existing landfill and adjusting it to the further use</td>
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<td>• System of drains</td>
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<td>• Supply of water and electric power</td>
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<td>• Purchase of installation and equipment necessary for functioning of the facility</td>
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<td>5. Construction of facilities for sorting recyclable materials with necessary equipment and composting place.</td>
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<td>6. Creating a local monitoring network.</td>
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<td>Preconditions:</td>
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<tr>
<td>a decision of the Authorities of Lubomierz, Wlen, Stara Kamienica, Gryfów Sl. about the realisation of the stated investment, interes of Town of Jelenia Góra in disposal of wastes</td>
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### Annex 2-3: Implementation, contracting and disbursement schedules

**Construction of a Solid Waste Management Facility in Lubomierz**

<table>
<thead>
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<th>Date of Drafting</th>
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<td>Planning Period</td>
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#### Budget Allocation

**Cost Estimate** (in MEUR)

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<th>II’04</th>
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<td>III</td>
<td>IV</td>
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<td>VI</td>
<td>VII</td>
<td>VIII</td>
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#### Implementation schedule
- contract 1

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#### Contracting schedule
- contract 1

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#### Disbursement schedule
- contract 1

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<th>1.5</th>
<th>2.0</th>
<th>2.1</th>
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</table>

**Legenda:**
- D = design of sub-projects
- C = tendering and contracting
- I = contract implementation and payment
- increasing in M EURO
ENVIROMENTAL IMPACT ASSESSMENT (EIA)

1. Conditions for building and spatial management

Has consent for building and spatial management already been given to this project?

Yes [X] No [ ]

If yes, on which date? [__20__] [__11__] [__2001__]

If not, for which date is this decision scheduled? [___] [___] [___]
And the date of final decision [___] [___] [___]

State the institution (or institutions) that issued or will issue the consent:
The Mayor of the Municipality of Lubomierz (Burmistrz Gminy i Miasta Lubomierz)

Is the above stated institution in the position to meet the obligations as stated in the EIA Directive 85/337/EEC with the further changes 97/11/EEC

Yes [X] No [ ]

If not please name the institution in the authority to realise the project according to the EIA Directive

2. Compliance with the EIA Directive

2.1 Is the project a class of development covered by the Directive ²:

Annex I of Directive 85/337 (97/11) [ ] (go to point 2.2)
Annex II of Directive 85/337 (97/11) [X] (go to point 2.4)
Not covered by Directive 85/337 (97/11) [ ] (go to Annex on reserves of nature)

2.2 If the EIA has been carried out

Yes [ ] No [ ]

If yes, was it carried out before the consent for building and spatial management had been given

² Directive 85/337/EEC on the assessment of the effects of certain public and private projects on the environment (OJ L 175 of 5.7.1985) as amended by Directive 97/11/EC (OJ L 73 of 3.3.1997). Text of these directives as well as a consolidated version of both can be found on:
http://www.europa.eu.int/comm/environment/eia/eia-legalcontext.htm
2.3 When covered by Annex I to the directive it is necessary to carry out the procedure alike to the procedure described in the EIA Directive and attach the following documents:

a) the non-technical summary of the environmental impact study;
b) the results of consultations with the designated environmental authorities;
c) the results of consultations with the public concerned.
d) In case the project significantly influences the natural environment in the other country there should be given the result of cross border consultations with those countries according to the procedure given in the art. 7 of the EIA Directive
e) Certificate, that given (or not given consent) for building and spatial management was presented to the public opinion by appropriate institutions

Note: In relation to b) and c) d) these may be represented in the form of a statement, conclusion or certification by the designated environmental authority, indicating in what way the concerns of the designated consultees and concerned public have been taken into account.

2.4 When covered by Annex II, was an environmental impact assessment carried out?

Yes ☑   No ☐

- If yes, and consent has already been given, include the necessary documents (see point 2.3)
- If not, explain why not and give limits, criteria and results of research confirming absence of considerable impact on natural environment:

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Have the results of settlement regarding the necessity of presenting a formal EIA according to the project list given in the Annex II to the directive has been presented to the public opinion

Yes ☐   No ☑

If yes give the date |___|___|___|
Summary in non-technical language of the report on environmental impact assessment

The subject of the elaboration is description of the environmental impact assessment of the planned physical investment – Municipal Solid Waste Utilising Facility.

The investment will be realised on the site which includes presently operating solid waste dump for the town and municipality of Lubomierz. At present the operating facility does not meet contemporary requirements concerning environmental protection.

Concept design of the Municipal Solid Waste Utilising Facility foresees:
- elimination of hazards related to the present shape of the landfill,
- adjusting of the existing dumping quarter for the further use
- extension of the existing landfill
- in future making possible construction of the new dumping quarter No 2 after the quarter No 1 is filled (after about 20 years)
- separation, storing and preparation for transport of the separated recycled materials.


Advantageous location conditions of the facility result from its situation far from human settlements, close to the existing road. Additional pro for the chosen location of the facility is operation in the same place of the existing landfill, which will additionally be made secure against further disadvantageous impact on the environment. Location of the facility is in conformity with the plan for spatial development for the Town of Lubomierz. In immediate closeness of the facility there are no natural objects under protection, historical monuments and archaeological sites, protected zones of water intake and reservoirs of underground waters.

Waste water produced in the facility will be discharged to the municipal waste water treatment plant, what is the best solution from the perspective of environmental protection, all the more for the fact that the waste water treatment plant is located to the north of the facility below the its ground level. Waste water can be discharged by gravity sewer.

In the report the full calculation of dust pollution range has been done. The conclusion is that for all considered types of pollution there is no going beyond the allowable limits of pollution in the air outside the facility. There is also no going beyond the allowable limits of dust settlement. It is to be underlined that to the calculations maximum values of indicators and maximum values for all sources of emission (which are to be awaited) were considered.

Soil is the environment comparatively most resistant to the landfill impact. The impact of landfills to the soil is shown by the increased microbiological and chemical pollution. Applied technology of insulation and proofing of the landfill and of waste dumping, solution of waste water management, belts of greenery hedging the facility – the existing and the planned ones, fencing 2 m high will lead to a maximum limitation of the negative influence of the existing facility on the soil. To the construction of the landfill there are related significant changes in the landscape. Basic will be removal of some trees, what will be included in a separate elaboration (Dendrology elaboration) which will be attached to the permission for removal of trees. At the same time reforestation will be done on some part of landfill area to fill in the protection greenery and together with the existing one to conceal the solid body of the landfill.
After considering the results of calculations and information from the professional literature it has been concluded that, most probably, the area won’t need establishing the site of limited use, especially after considering location conditions and surrounding of the existing woods.

2. Public consultations on the planned project.

In 2000 there was elaborated a spatial management plan for the Town of Lubomierz that included also Municipal Solid Waste Utilising Facility. The spatial management plan and the prognosis of assessment of the project on the natural environment had been made known to public opinion in the period July 4 – 24. Information concerning the project were published on all info boards in the Office of the Municipality in the Office, in the Town as well as in the local press on June 26, 2000. During that time no comments related to the subject were presented. The spatial management plan was consulted and agrees with the relevant institutions e.g. District Sanitary Inspector, Lower Silesia Marshall Office, Lower Silesia Voivodeship Office.

In 2001 during the open session of the Town Council in Lubomierz, on March 30 there was discussed the planned project of Municipal Solid Waste Utilising Facility. No comments or objections were raised. In the monthly local magazine of Lubomierz „Sami swoi” No 94 / April there was published an article about the planned project.

3. Decision on conditions for building and spatial development

For the planned project there was issued the Decision on conditions for building and spatial development on November 21, 2001. It was preceded by the following information:
- of October 8, 2001 about the possibility of public participation in proceeding concerning the investment of Municipal Solid Waste Utilising Facility for which the report on the Environmental Impact Assessment has been elaborated,
- of October 29, 2001 about the publishing in the accessible register the data about issuing decision on conditions for building and spatial development concerning MSUF.
Information was published on all the info boards in The Office of Municipality and close to the site of the planned project. In legally foreseen time there were no comments or objections received.

4. Building Permit

For the planned project there was issued, by the Decision No 11/03 – the building permit on January 24, 2003, preceded by the information
- of January 2, 2003 on publishing in accessible register a decision about building permit concerning MSWUF. In legally foreseen time there were no comments or objections received.
1. EIA for the environmentally sensitive areas important for nature conservation

1.1 If the project have impact on natural reserves (e.g. prospective areas Natura 2000)³

Yes ☐ No ☒

- If yes, go the question 1.2
- If not – go to the Annex I

1.2 In this case it is necessary to carry on the assessment according to the art 6(3) of the Environmental Directive 92/43/EEC

1.2.1 If the respective assessment has been carried out

Yes ☐ No ☒

The assessment can be carried out according to the form EIA of the Directive 85/337/EEC and amended by the 97/11/EC. If the mentioned form will not by used please shortly describe used procedure and attach a non technical summary of the environmental impact study.

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1.2.2 Based on the carried out, respective assessment, will the project have a significantly negative impact on natural reserves?

Yes ☐ No ☒

If yes, please fill out Annex II (Information for the Commission based on art. 6 (4) of Environmental Directive. The Annex should be signed by the institutions in charge of natural reserves – prospective sites of Natura 2000)
- If not please fill out Anex I (Declaration of Authority Responsible for Natural Reserves – prospective areas of Natura 2000)

³ for the needs of instruments for pre-accession the natural reserves (prospective Natura 2000) in the accession countries belong to one of the following categories:

(a) areas which have been proposed to the network of areas Natura 2000 by the authorized institutions basing on the Directives 79/409/EEC and 92/43/EEC
(b) areas which have been mentioned in the last list of Bird Areas (IBA 2000) for the accession countries or (where it applies) in more detailed elaborations worked out by the national authorities
(c) internationally important wetlands (sites fulfilling RAMSAR convention ornithological criteria) and other sites meeting the criteria
(d) areas to which the Bern convention on the conservation of European wildlife and natural habitats (Article 4) applies, in particular sites meeting the criteria of the Emerald network
(e) areas protected by national legislation
Annex I – Statement by the authority responsible for natural reserves (=prospective areas Natura 2000) (according to the annex I (a) of the Cohesion Fund Form)

Responsible Authority: Voivodeship Nature Conservator (*Wojewódzki Konserwator Przyrody*)

There was carried out an examination to the project application for the Cross Border Cooperation Programme **PHARE CBC POLAND - GERMANY 2003**

*Title*: “**Construction of a Solid Waste Management Facility in Lubomierz.**”

That has to be located in the Town of Lubomierz

Herby we declare that (please cross the appropriate field):

☑ The project has no significant influence on the natural reserves based on the following premises:

because the designed Municipal Solid Waste Utilising Facility is located neither on the area of natural reserve nor in its closeness.

Therefore the assessment based on the art. 6 (3) does not need to carried out.

☐ After the appropriate assessment based on the art. 6 (3) of the Directive 92/43/EEC was carried out it was fund that the project will not have any significantly negative impact on the natural reserves.

A map to a scale 1:100,000 (or the approximate scale) is enclosed. It shows the location of the project and location of the natural reserves if they exist.

Head of the Nature Protection Unit

Kalina Liberacka

Voivodeship Nature Conservator

Signature: ......................................

Authority Responsible for Natural Reserve Monitoring

Official seal:

Wrocław, October 14, 2002

Lower Silesia Office of Voivodeship in Wroclaw
Wydzial Środowiska i Rolnictwa
pl Powstanców Warszawy 1
50-9650 Wroclaw