STANDARD SUMMARY PROJECT FICHE

1. Basic Information
   1.1 Désirée Number: HU0015.01
   1.2 Title: Nagykanizsa-Regional Waste Depot
   1.3 Sector: Cross-border co-operation
   1.4 Location Nagykanizsa and 30 surrounding settlements in Western Transdanubia Region of Hungary

2. Objectives
   2.1 Wider Objective:
       No pollution of soil and underground water in the target area.

   2.2 Immediate Objective:
       Economical solid waste management system in place for the town of Nagykanizsa and the surrounding 30 settlements.

   2.3 Accession Partnership and NPAA priority
       Waste management is a medium – term environmental priority of the Accession Partnership as stated in chapter (3.2). The development objective is also in line with the NPAA (p. 156, Volume II.) which says that “... the primary task in the field of municipal waste treatment is to realise disposal on safe landfill sites suiting the environmental protection norms, in the interest of which new regional collection and treatment systems and disposal sites of high capacity must be established...”

   2.4 Contribution to National Development Plan
       • The project proposal is in line with the priorities identified in the National Development Plan.
       • This project is not geographically located in the NUTS II regions identified by the Hungarian Government for Economic and Social Cohesion under the Phare National Programme.

   2.5 Cross Border Impact
       This project belongs to the priority “Sustainable Spatial and Environmental Development“ defined by the Joint Programming Document (JPD) Austria-Hungary 2000-2006 for InterregIIIA-Phare CBC. It belongs to measure “Resource management, Technical infrastructure and renewable energy“.

       According to a Commission decision, Guidelines for Phare Programme Implementation in Candidate Countries 1998-1999 expresses the requirement that projects should have a minimum Phare support of 2-3 million EUR, and that this requirement has to be applied in a flexible way in case of CBC Programmes.
The solid waste management system will be based on the BIO-Pa-Ü type selective collection that is applied in the neighboring Austrian regions. Selective waste material collection has been introduced in 5% of the city-territory of Nagykanizsa. By fully adapting the Nagykanizsa waste material handling system to the Austrian method, experts and experiences would be available at low costs.

3. **Description**

3.1 **Background and justification:**
Communal waste handling is a severe problem for the city of Nagykanizsa, and its surrounding area, which includes 30 settlements and approximately 80,000 inhabitants. The present communal waste depot is nearly full. To solve the problem, the project will provide sufficient storage capacity for the next 24-25 years.

3.2 **Linked activities:**
From its inception, the Phare CBC Programme in the Western Transdanubia Region has placed special emphasis on measures for the protection of the environment and, in particular, the protection of underground water. During the period 1995-1999, four solid waste deposits have been planned at Jánossomorja, Koszeg-Csepreg, Zalaegerszeg, and Nagykanizsa-Bagola, respectively. The first three have been approved for implementation. Yet, the reduction of the 1999 CBC programme budget delayed the Nagykanizsa-Bagola project. By establishing this waste depot, a complete network of up-to-date waste storage facilities will be in place as it was planned originally.

In line with Council Regulation (EC) No. 1266/1999 and the Vademecum on co-ordination of the three financial pre-accession instruments, business related infrastructure projects in line with the development programmes of the regions shall be supported by Phare CBC programme (this applies to present project). This project is not eligible for receiving support from SAPARD, nor from ISPA, due to its size. It is coherent with overall pre-accession assistance planning.

3.3 **Results:**
The project will put in place a solid waste deposit at Nagykanizsa-Bagola with 320,000-m³ total storage capacity, over the estimated life period of the deposit. It will also set up the necessary facilities, including roads, territory, surface, sewage cistern, weigh-bridge, fire prevention water-pool, water-cistern, fence, waste material net, plant container buildings, building for machines, and building for the temporary storage of hazardous waste. In addition, vessels for waste collection should be provided, land for composting is to be developed, and the area of present depot is to be recuperated.
3.4 Activities:

The project will be carried out in two contracts. The preparation of the tender documentation will be financed by the beneficiary and implemented in the framework of one service contract. Construction activities will be implemented in the framework of one single works tender.

4. Institutional Framework

NSR LTD operates the waste material depot at present. The municipality of Nagykanizsa has a shareholding of 97 percent in NSR. The villages of Nagyrécse and of Szepetnek hold minority shares of 1 percent and 2 percent respectively. The operation will be executed in the form of contractual relationship given on lease.

The project manager will be the general manager of the beneficiary, Mr. Béla Imre (8800 Nagykanizsa, Erzsébet tér 7.; Telephone/fax: +36 93 500700; e-mail address: pmh_nkanizsa@sienet.hu).

The Employer will be the Municipality of Nagykanizsa. The Employer will appoint a firm with relevant experience for Supervising Engineer prior to the award of the Works contract.

After completion, the project assets will become the property of Nagykanizsa.

5. Detailed Budget (MEUR)

<table>
<thead>
<tr>
<th>Activities</th>
<th>Phare Support</th>
<th>National Co-financing*</th>
<th>IFI*</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Phare</td>
<td>Institution</td>
<td>Building</td>
<td>(I+IB)</td>
</tr>
<tr>
<td>Contract 1</td>
<td>Investment</td>
<td>Institution</td>
<td>Total</td>
<td></td>
</tr>
<tr>
<td>Preparation of Tender Documents</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0,05</td>
</tr>
<tr>
<td>Contract 2</td>
<td>1,5</td>
<td>-</td>
<td>1,5</td>
<td>0,45</td>
</tr>
<tr>
<td>(works tender) Construction of waste depot</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>1,5</td>
<td>-</td>
<td>1,5</td>
<td>0,5</td>
</tr>
</tbody>
</table>

National Co-financing is 25% of the total expenses (0,05 MEUR), and will be financed by the municipality of Nagykanizsa.
6. Implementation Arrangements

6.1 Implementing Agency
The project will be implemented under the overall co-ordination and supervision of the Ministry of Agriculture and Regional Development, whose representative, Dr. Peter Szaló, Deputy State Secretary, will be designated as PAO.
The Ministry for Agriculture and Regional Development, through its Phare Regional Development IA (H- 1016 Budapest, Gellérthegy u. 30-32.), will be responsible for all aspects of tendering and contracting as well as for administrative and financial matters of the implementation.

Address:
Ministry for Agriculture and Regional Development
Phare Regional Development Implementing Agency
1016 Budapest,  Gellérthegy u. 30-32.
Phone: 488-7171
Fax: 488-7188

6.2 Twinning
Not applicable

6.3 Non-standard aspects
The DIS Manual and the FIDIC conditions of contract will be strictly followed.

6.4 Contracts
There will be two contracts as follows:
Contract I.
Preparation of tender document (tender design) 50.000 €
Contract II.
Construction works and supplies 1.950.000 €

Contract I. will be carried out by an engineer appointed by the beneficiary, while Contract II. will be awarded through an open international tender according to the DIS Manual and the FIDIC conditions.

7. Implementation Schedule

<table>
<thead>
<tr>
<th>Component</th>
<th>Start of Tendering</th>
<th>Start of Project Activity</th>
<th>Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contract I.</td>
<td>-</td>
<td>September 2000</td>
<td>November 2001</td>
</tr>
<tr>
<td>Contract II.</td>
<td>December 2000</td>
<td>March 2001</td>
<td>March 2002</td>
</tr>
</tbody>
</table>
8. **Equal Opportunity**

   Equal participation of women and men in planning, implementing, and operating the project will be ensured.

9. **Environment**

   Based on an environmental impact study of 1997, the necessary environment protection permission has been granted. The study can be obtained from the Nagykanizsa Municipality. Major environmental effects include the following:
   - The enlargement of the waste material store will be consistent with valid EU standards,
   - the technology ensures the total environment protection from communal waste.
   - No agricultural production will be displaced by the planned site (27,000 m²).
   - During the process the surface drainage will change.
   - The planned operation technology ensures the dilution of air pollutant materials.
   - Noise and air pollution emitted by machines and carriers does not have an effect on the environment.
   - Noise and vibration during the process will increase but less than 1dBA the daily normal noise level.

10. **Rates of return**

   According to the 1999 feasibility study prepared by Messrs. ÖKOHYDRO Environmental- and Water-management Engineering Company, the financial rate of return is 15 percent.

11. **Investment criteria**

11.1 **Catalytic effect:**

   The construction of this depot will complete the regional network of up-to-date solid waste storage facilities in the West-Transdanubian NUTS II Region. The project will help introducing selective collection and handling of waste. Popular awareness will be raised leading to a more responsible handling of household and commercial waste.

11.2 **Co-financing:**

   The local co-finance share is 25%. It will be provided by the municipality of Nagykanizsa and two partner settlements of Nagyrécse and Szepetnek.

11.3 **Additionality:**

   The Phare intervention does not displace other financiers.
11.4 Project readiness and Size:
All necessary building permission, environment protection permission and environment reports have been obtained. The Tender documentation will be prepared following the approval of the required Phare support.

11.5 Sustainability:
The project will be sustained over the estimated period of operation of 24-25 years. Maintenance returns come from waste transportation charge, which is paid by the inhabitants and industrial and agricultural organizations according to municipality regulations.

11.6 Compliance with state aids provisions
All actions financed by Phare will be carried out in line with the Phare DIS and will respect the state aid and competition provisions of the Europe Agreement.

11.7 Contribution to National Development Plan
Not applicable.

12. Conditionality and sequencing
The confirmation of the beneficiary of the availability of funds for the required co-finance contribution is annexed to the project fiche. The beneficiary will also finance subsequent operation and maintenance also. As such no conditionality applies. The sequencing will be according to the implementation schedule presented in section 7.
ANNEXES TO PROJECT FICHE
1. Logical framework matrix
2. Detailed implementation chart
3. Contracting and disbursement schedule by quarter for full duration of programme
4. Reference to feasibility /pre-feasibility studies.
5. List of relevant Laws and Regulations
6. Reference to relevant Government Strategic plans and studies
# LOGFRAME PLANNING MATRIX FOR PROJECT

<table>
<thead>
<tr>
<th>Programme Number</th>
<th>Project Title</th>
<th>Phare Funds: 1,5 MEUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>HU0015.01</td>
<td>Nagykanizsa-Bagola Waste Depot</td>
<td></td>
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</tbody>
</table>

## Wider Objectives

<table>
<thead>
<tr>
<th>Indicators of Achievement</th>
<th>Sources of Information</th>
<th>Assumptions and Risks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil and underground water in the target region free of environmental pollution.</td>
<td>Level of pollution on the target area.</td>
<td>Reports and statistics of the Ministry of Environment, Municipal statistics</td>
</tr>
</tbody>
</table>

## Immediate Objectives

<table>
<thead>
<tr>
<th>Indicators of Achievement</th>
<th>Sources of Information</th>
<th>Assumptions and Risks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economical solid waste management system in place for the town of Nagykanizsa and the surrounding 30 settlements.</td>
<td>Reduced amount of household waste, Reduced costs of solid waste storage.</td>
<td>Reports and statistics of the Ministry of Environment, Statistics of municipalities in the target area, Positive attitude of the population, companies and institutions in the target area towards environmental protection.</td>
</tr>
</tbody>
</table>

## Outputs of Project

<table>
<thead>
<tr>
<th>Indicators of Achievement</th>
<th>Sources of Information</th>
<th>Assumptions and Risks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Establishment of a solid waste depot with a storage capacity of 320,000 m3 for an estimated life span of 24-25 years</td>
<td>Construction works and equipment purchase completed according to specifications and schedules as outlined in tender documentation</td>
<td>? Progress reports of beneficiary project managers; ? Progress report of the IA and its Regional Office..</td>
</tr>
</tbody>
</table>

## Inputs

1,5 M EUR Phare contribution supplemented by 0,5 MEUR contribution from the municipality of Nagykanizsa
Nagykanizsa-Bagola Waste Depot

Detailed Implementation Chart

<table>
<thead>
<tr>
<th>Component</th>
<th>2000</th>
<th>2001</th>
<th>2002</th>
<th>2003</th>
</tr>
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<tbody>
<tr>
<td>Nagykanizsa-Bagola Waste</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Depot</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend:
- Design
- Tendering and contracting
- Construction
Nagykanizsa-Bagola Waste Depot

Cumulative Contracting and Disbursement Schedule (MEUR)

<table>
<thead>
<tr>
<th></th>
<th>2000</th>
<th>2001</th>
<th>2002</th>
<th>2003</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>09/00</td>
<td>12/00</td>
<td>03/01</td>
<td>06/01</td>
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<td>Contracting</td>
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<td>1,5</td>
<td>1,5</td>
</tr>
<tr>
<td>Disbursement</td>
<td>0,03</td>
<td>0,33</td>
<td>0,63</td>
<td>1,03</td>
</tr>
</tbody>
</table>
Nagykanizsa-Bagola Waste Depot  
Reference to Feasibility Study

The feasibility study was prepared in September 1999. ÖKOHYDRO Environmental- and Water-management Engineering Company prepared it. The study examined several alternative solutions. There were three different sites examined and the site in Bagola was the recommended construction site.

Ground mechanical and environmental studies were also prepared. All are available at the Nagykanizsa town office.
Annex 5

Nagykanizsa-Bagola Waste Depot
List of Relevant Laws and Regulations

1. Act XXI/1996 on Regional Development and Physical Planning;
4. Act LIII/1995 on the general norms of environmental protection
5. 21/1986. (VI. 2.) Decree of the Cabinet of Ministers on the air-quality protection
Nagykanizsa-Bagola Waste Depot
Reference to relevant Government Strategic plans and studies

1. National Spatial Development Plan (Hungarian Spatial Development Regulations)
   It rates Nagykanizsa in the highlighted area concerning the aspect of the National Heritage (13).
   The area belongs under No. XV. to the sensitive areas as a part of the Orség-Zala Hills.
   According to the regulations "In the settlements of the area special attention should be made in case of positioning structures in the outskirts of settlements in order to protect and reserve the values of the national heritage."

3. West-Transdanubian Complex Regional Development Concept
   Waste management:
   General objective: …decreasing the amount of household rubbish… decreasing the number of waste depots, and upgrading them with proper technical protection.

4. Scheme of the regional waste management strategy:
   Decreasing the amount of waste
   Selective collection, pre-handling and recycling
   Installing a regional waste-collection and waste-transporting system
   Selection of hazardous waste from the household rubbish and pre-handling, neutralizing
   Neutralizing and safe storing of the remaining waste materials
   Terminate non-satisfactory and illegal waste depots