

Informative note

on the project: “A clean environment for a sustainable society”

The Applicant: City Hall of the city Floresti

Priority 3: “Environmental improvement and tourism attractiveness”

Action 3.2 - Development of integrated management systems of solid waste, including collection, recycling, and creation of modern storage facilities for non-recyclable waste, as described in the North Regional Development Strategy.

I. General project data

The overall objective of the project: Minimizing the negative impact of waste on the environment within the territory of the Floresti district.

The project is expected to achieve the following major objectives:

1. Reconstruction and landscaping works:

- Informing the public about the modern waste collection service
- Construction/implementation of transfer stations
- Design of the transfer station project (initial phase) and recycling center (expansion phase)
- Recycling Center
- Extending waste collection services

2. Informing citizens about the project activities and the importance of maintaining the health and safety of the renovated road

- 17 general meetings in localities targeted by the project and in the city Floresti in neighborhoods with the purpose of informing the public about project activities and the way to involve citizens.
- Inform people via sources like local newspapers and informative flyers,
- 2 broadcasts in the first and second month of project implementation. Through local television, the citizens will be informed about the implementation of the project and the final results. Once a quarter, the project leader will come on live TV, and present information regarding the implementation of the project and answer questions from citizens.
- consultative and educational meetings with citizens in the suburbs where the platforms for domestic waste will be placed. The citizens will decide the location of the platform for the suburb.

Partner (partners):

1. Local Public Administration of the city Ghindesti, LPA city Marculesti , LPA of village Varvareuca, LPA of village Ghindesti (Hirtop, Tira), LPA of village Radulenii Vechi, LPA of village Pragila, LPA of village Lunga, LPA of village Marculesti, LPA of village Bahrinesti, LPA of village Gura Camencii (Gvozdova, Bobulesti), LPA of village Rosietici (Rosieticii Vechi, Cenusă), District Council Floresti, LPA of city Soldanesti
2. **The total amount of the project:** – 32,358,875.00 lei, **amount requested from The National Fund for Regional Development (NFRD)** – 17,682,949.00 lei, what constitutes 54,6% of the total cost of the project.
3. **Duration of project implementation:** 24 months

II. Conceptual note

Explanation

The project is regional and is aimed at 17 rural localities, which are part of the 3 districts of the country. The applicant's partners in this project will be the City Halls of: Seliste, Isacova, Neculaieuca, Morozeni, Putintei, Ghetlova, Saseni and Codreanca, as well as the District Council of Orhei.

In every household domestic and solid waste is stored near wells. There are no locations for storing and sorting the waste. Citizens are carrying it on the banks of the river by themselves, organic waste, recyclable, and toxic all are mixed. The existing dumps are not designed properly and enclosed, there is a lack of drainage systems for the disposal of spills and doesn't perform inhumation works of the waste. These dumps are risks for water, flora, and fauna, they affect the landscape and produce a foul smell.

The consequences include pollution of groundwater, surface water, air, and soil. It contributes to increased morbidity of the population especially of gastrointestinal and dermatological diseases. Environmental pollution is threatening the health of inhabitants, and also contributes to global pollution of the environment.

Target-groups is: population of 18 localities with the total number of 41,051 people, 320 economic agents; 64 public institutions.

Final beneficiaries phase I, will be: 28.735 people what constitutes 70% of the total number of the population of villages participating in the project, of which 10.458 people from 126 of the apartment blocks; 123 economic agents; 64 public institutions; 25,299 informed people, 10 NGOs involved in training and information; 10 new people employed at the Trading Company "Communal Services Floresti".

Project products.

- Adequate collection, treatment, and storage of 7,300 Mg/per year (equivalent to 34 800 m³) of wastes;
- Closure and replacement of 40 existing provisional deposits in these localities.
- Achieving socio-economic benefits, due to appearance of new jobs (17 new jobs have been created: 1 for drivers, 16 for medical workers).
- The project opting for inter-municipal cooperation, is based on the provision of services for 41,051 inhabitants and the controlled collection, processing, and storage of waste in the volume of 7,300 Mg/per year (equivalent to 34,800 m³), reducing illegal waste deposits (by 40), increasing the recycling rate (3% +) and adequate treatment of recyclable materials (220 Mg/ per year ~ 2,740 m³), reducing domestic waste and organic waste produced by households (-1 ,000 Mg/per year) as well as enhancing public awareness of all inhabitants (in number of 41,051).
- 17 general meetings organized in 11 City Halls of the district Floresti.
- 12 publications in the local press; 8 broadcasts; 2,500 informative flyers; a training course.
- Auction organized; contest organized.
- Specialized transport units purchased-1 charger, 1 Truck (start rotation/stop rotation), 1 trailer (start rotation/stop rotation), 1 Truck SKIP, 1 Container SKIP with 7 m³, 1 compact truck with 16 m³ volume, 1 compact truck with 19 m³ volume.

Results of the project

- Waste produced by 41,051 inhabitants (Floresti + 17-phase I); waste produced by 90,000 inhabitants (Floresti + 56-phase II) and waste produced by 190,000 inhabitants (Floresti, Soldanesti, Rezina) are stored in a controlled technological manner (phase III) on sanitary waste pad of the Soldanesti locality.
- Avoiding the use of illegal provisional deposits and unauthorized places (ecologically and economically) and minimizing the impact of illegal provisional deposits and unauthorized places (polygons) on the environment and public health,
- Implementation of inter-municipal measures (Floresti + 12) and inter-regional strategies (a regional cooperation possible with Rezina and Soldanesti), and compliance with the national strategy requirements on waste (draft).
- Technical equipment and installations that meet the requirements of the European Union.
- Minimizing the volume of waste by putting into operation a mechanism for composting that would allow controlled treatment of organic matter from households in Soldanesti, and central collecting and treating of recyclable materials – waste management centers in Floresti.
- Improving the system of collection and treatment resulting from changes in the logistics system, and obtaining financial and economic benefits. Services should become "more affordable for customers" due to increased number of waste collection points (215 in phase I and 94 in phase II) and the mechanisms for waste separation.
- Higher standards of health protection at work and on security.
- Inhabitants of communities involved in the project will be informed about the process of collecting the waste.
- Increased public awareness about waste reduction and separation, and the ecological and economic benefits that can be created from these measures.

Multiple effects

The collection of waste in the future will be expanded and in other 27 towns and villages located in the Floresti district. Project results will have a positive impact on a large number of inhabitants in the region, namely 90,000 inhabitants (inter-communal approach), and will create the opportunity to incorporate the districts located in the vicinity (inter-regional approach, "regional").

Extensive sanitation system will provide the ability to produce wood pellets, and focus attention on organic farming and rural tourism.

Carrying out of training activities and environmental education of the population will increase the level of awareness of citizens on the negative impact of waste on the environment. Following these activities the number of people willing to contract sanitation services will increase. Sanitation service can be expanded in adjacent regions taking into consideration the requests received by neighboring districts. Because the extension of this project requires considerable investment, at this stage, we had to limit ourselves..

The results of implementation of this project will have positive impact on the environment both in the territory of the Floresti district and adjacent districts. Elimination of unauthorized deposits in the Floresti district will lead to improving quality of life, minimizing groundwater pollution, improving soil fertility and it will improve the appearance of the landscape. By improving the visual appearance of the landscape, the region will become more attractive for investors and for the development of rural tourism. As a result of the implementation of this project new jobs will be created which will result in decreasing the number of unemployed and a decrease in the migration of population.

III. Social and economic impact of the project

Implementation of the project "A clean environment for a sustainable society" will ensure: the partnership between 12 villages in solving local and regional environmental problems provided in the national program of regional and national development. Environmental and public health impacts of illegal dumps will be minimized.

The project will strengthen the capacities and possibilities of expansion of municipal sanitation services of the Floresti and in 18 localities of the Floresti district (stage I) with the prospect of expanding waste management in other localities in the district (phase II) with the prospect of regionalization of management of waste in the Rezina and Soldanesti districts (stage III).