

Invitation to NALAS members to participate in the project:

Development of a Cost and Financing Model in Solid Waste Management

Background

Solid waste management in South Eastern Europe (SEE) is characterized by a number of systemic deficits with regard to the legal/regulatory framework, the institutional and organizational set-up, the refinancing cycles as well as the physical infrastructure. These deficits lead to incomplete, inconsistent and fragmented business processes in the solid waste sector; they create ineffective and inefficient subsystems and endanger the environmental sustainability of solid waste management.

A key problem of solid waste management in SEE can be seen in the fact that the knowledge about “waste chains” from waste creation to final landfill including the different environmental impacts is incomplete, in other words: the “physical model” of solid waste management is incomplete or partially unknown. As a consequence, the costs of the different components – as far as these are known – cannot be estimated with the needed exactitude (core problem). Unknown environmental impacts of insufficient waste treatment (for example pollution of groundwater) which are not addressed today may cause significant financial repercussions in some years.

The incomplete physical model and the incompletely defined cost structure causes gaps and distortions in the refinancing basis of solid waste management. There is neither a solid basis for defining tariffs nor can the need for budget allocations be defended. It may happen that certain components are under-financed while others are over-financed. The deficits in the financing system hamper the delivery of services in solid waste management.

The project will develop a comprehensive cost and financing model(s) for solid waste management adapted to the conditions and the context in the countries of SEE. This model(s) will be introduced as an organisational framework in the different countries and municipalities of the region improving key business processes of solid waste management

Objectives

The aim of the project is to improve the methodological and organizational framework for the establishment of sustainable refinancing systems in the field of solid waste management (SWM) in the NALAS operational region of South Eastern Europe (SEE).

This will effect in:

- Models and related methodologies will be used by municipalities and other institutions to develop a physical model of solid waste management and the identification of the specific cost structure. Based on this cost structure model – will lead to definition and establishment of an effective, efficient and sustainable tariff and financing system in solid waste management.
- More effective and efficient business process of solid waste management in the local governments in South East Europe will have positive impacts on the service quality for the citizens, and the environment (identification, elimination and reduction of environmental impacts, improved selection and operation of landfills, etc.).

- The cost and financing model will be based on European standards in this field; a functional SWIS will allow the countries of South Eastern Europe to fulfil their reporting obligations to the European Environmental Agency. Furthermore, they will assist donors in the identification and preparation of projects.

Expected outputs

1. Analytical Report containing review of existing documentation, and analysis on solid waste costs structure in SEE based on research/questionnaire.
2. Cost computation model
3. Knowledge/e-learning module

Project management

NALAS is responsible for the implementation of this project. NALAS will actively cooperate with Congress of Local Authorities from Moldova (CALM) and will be assisted by a GTZ advisor. For the purpose of implementation of the Project, an Expert Team will be set up consisting of one regional expert and four local experts nominated by the NALAS member associations.

Requirements for local experts:

- University degree in environmental engineering, economy/finance, technical sciences or related fields is an advantage
- Substantial knowledge of the field or working experience in solid waste management and landfills
- Long term experience in management/finance/supervision of landfills is an advantage
- Good understanding of local governance/municipal administration and municipal public services
- Analytical and writing capacity
- Capability to write and communicate in English is an advantage
- Availability to participate regularly in the project events (expert meetings and workshops)

Responsibilities of Local Experts:

Participating in the NALAS and CALM led Expert Team. The Local Expert will work, as a member of the team providing information, writing a report for his/her Local Government Association and contributing to the final outputs by focusing on the following activities:

1. Participation in the development of the analytical costs framework: review of existing documentation, input in elaboration of framework scheme Cost Structure, input in elaboration of the Questionnaire Costs Structure; distribution and processing of the Questionnaire (distribution through the participating associations, processing and analysis of the results).
2. Application of cost computation model in a municipality from the relevant participating NALAS member LGA – implementation and follow-up, diffusion and feedback, conclusions.
3. Participation in the elaboration of the NALAS devoted Knowledge Module, checking and back stopping.
4. Testing of the e-learning/training module and presentation to the TFs: implementation of

the cost computation model in a municipality for each participating member association, computation and analysis, diffusion, exchange on practices and feed back by each LGA within its operational territory.

5. Preparation and participation (and follow up if required) in project expert meetings (up to 4 events for the duration of the project, first scheduled for March 2012)
6. Assisting the International and Regional experts in implementing activities 1-4.

Period of the engagement:

April 2012-February 2013 (around 38 working days)

Please provide to NALAS (garthley@nalas.eu) the CVs of the experts in English language by February 29th, 2012.