

Section Sciences et Ingénierie de l'environnement Design Project 2015 (semestre de printemps)

Proposition n°24

Waste management and Territorial Reform / Switzerland- Albania

Encadrant externe

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Descriptif du projet

CSD is providing a role of expert and back stopping for the waste management activities of a Helvetas/DDC Program in Albania (www.dldp.al).

A Territorial Reform will be developed in 2015 in Albania, with a large reduction of the number of municipalities, and thus an extension of the territories of the future ones. The waste management sector is one of the domains in which a territorial reform should provide opportunities of improvement and optimization of the public services.

The idea of the project is:

1. to study a typical case in Switzerland where such a merging of municipalities has happen and to investigate the change process in the waste management field, as well as possible indicators of the progress measurement. The Commune of Val de Travers (NE) looks for a good case example.
2. To study one or two concrete new Municipalities in Albania, analyze the available data, develop or adapt a cost calculation model in order to show the possible improvement of the service and reduction of costs. Interesting cases could be to analyze 1. the case of a new Municipality including a large city (Shkodra in North

Albania) and extending with the inclusion of rural or beaches zones and 2. The case of smaller municipalities merging together (Koplik, north of Albania).

3. To adapt and propose a possible steps for applying the territorial reform in the reorganization of the waste management domain.

Objectif

Define a possible and realistic process to develop a new waste management plan after Territorial Reform.

Develop (or adapt the existing ones) a specific cost and tariff model in order to show the potential of optimization and proposing the fees required for insuring the sustainability of the extended service.

Descriptif tâches

- Define a work plan, available and required data with CSD and dldp.
- Contact the authorities of Val de Travers (NE) and analyze the situation before and after the merging process, presenting and analyzing the change process.
- Analyze the available data on the Albanian situation and existing cost and tariff model, develop a first model of the current and future situation.
- stay in Albania (Shkodra) with dldp to verify and complete the data, discuss possible organizational models. Develop one or more possible schemes and compare the possible benefits.

Divers

Working language is English.

A local short stay in Albania would be to be foreseen. Local accomodation will be taken by Helvetas/dldp.

The finance of travel cost remains to be defined.