

Strategic plan on the implementation of the waste management system in Vyborg district, Russia

Spatial development of the region, in the first case, Calls for the creation of the favorable conditions for the sustainable development of Vyborg region , environmental protection and preservation of cultural heritage.

(Strategy on spatial planning of Vyborg region)

1 Step (preparation) : Solution of the existing institutional and management problems (using CSMARTER-objectives)

Problem	Responsible person	By what mean	Time frame	Indicator	Possible threats and risks
Absence of the Regulations on waste management system, approved and adopted by the regional council , that will regulate the commitments of citizens and business actors in this field	Specialist of the ecological department	Working out the regulations for further approval by the regional council	III quarter 2009	Publication of the Regulations in the local newspaper Vyborg	This issue can be out of the competence of local authorities within the federal legislation
Lack of the efficient operational system and single coordination body	Head of the administration	Creation of the new structure or giving authority to the existing ones	III quarter 2009	Statement on creation of the structure or other local legal document	Big work pressure or shortening of the staff

Lack of modern specialized auto transport . Part of the vehicles with high deterioration and has small volumes for waste collection and loading	Regional Council Head of the administration	To plan the expenses in the budget 2010 To attract private capital and business actors	2010-2011	New vehicles are bought	Lack of financing and interest from private businesses
Small rural settlements are not subject for regular waste collection and transportation, no special collection points and lack of containers	Heads of the settlements	To enter the agreements with responsible companies on waste transportation, to equip the collection points with containers	2010	New containers	Lack of financing
No waste sorting in all settlements	Specialized companies Heads of the settlements	Education and training of the citizens on waste sorting, composting, information and mass media involvement	2010-2012	New containers for waste sorting, composting boxes	Lack of financing, Lack of waste sorting station/plant
Discrepancy of the existing landfills and modern ecological requirements	Regional council, regional administration	Construction of new landfills Construction of new waste sorting plants	2010-2012	New landfills and plants	Lack of financing

2 Step : Technical measures taken by local authorities:

1. Realization of the “Plan on sanitary clearing of the territory:
 - To define the volumes of waste production in every settlement
 - To define the land sites for the location of new waste sorting and waste recycling stations
 - To define the location of places for containers and points of waste collection from the citizens
2. Gradual liquidation and recultivation of non-authorized landfills
3. Working out the programme of activities aiming at recycled energy and raw materials consumption
4. Working out the programme of ecological education and training of the citizens
5. Up- bringing of the Ecological awareness of the citizens
6. Organization of the sanitary cleaning of the territories along the local and side roads and around the country houses communities.

3 Step : Investment and construction goals for the period of 2010-2015

- Construction of the waste recycling plant and landfill near Vyborg
- Construction of the waste sorting complexes at the existing landfill at Roschino, Primorsk, Kamennogorsk, Korobitsino
- Construction of 2 waste reloading stations South and North
- Recultivation of the landfill in Vyborg
- Implementation of the new modern technologies for production from recycled materials (tires for automobile)
- Minimization of waste production by the citizens by :
 - composting of organic waste in country side внедрения
 - inventing of the methods of sorting
 - Secondary usage of raw materials and waste