

**REPORT** by

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## SHWM Plan Methodology

### Context

The amelioration of the solid household waste management (SHWM) in the administrative region of Donetsk (*Donetsk Oblast*), which is essential for sanitary and environmental reasons, requires the elaboration of a multi-year plan. The plan itself shall rest on a fine analysis of the actual conditions of SHWM in the *Oblast*; it shall fix some reasonable goals that can be achieved during this multi-year (long-term) period; it shall describe the financial, practical and organisational means necessary to that goals. It shall also deal with the urgent measures that are necessary during the period of its own achievement, arbitrate between all the needs that will be expressed during its elaboration and define specific and general actions that will be useful to an immediate improvement of the situation: in this sense, the plan shall be at the same time a SHWM plan and a SHWM *improving* plan.<sup>1</sup>

The present document aims to describe the framework of the establishment of such a Regional SHWM Plan.

### Principles

#### Three scales of time

We have to distinguish 3 classical horizons of time:

- Policy: generally >10 years
- Strategy: 5 years
- Tactics: 1 year

Usually in Europe, the Regional SHWM Plan is a strategic plan. It organizes the main decisions about waste management for the next 5 years. In fact, it applies the policy defined by the State. For example in France, the 1992 law fixed the objectives to be targeted for 2002. Above the law are, for Europe, European regulations, fixing objectives. It's the same level of policy than the law. The 1992 law itself instituted the regional waste management plans. Under the strategic plans, tactics is let to the local authorities which have to manage the waste and which have to take operational decisions, day to day, within an annual budget.

#### A policy of waste management

The State politics goals are defined in the Law of Ukraine "On Waste":

##### **Article 5. Main Principles and Directions of the State Policy in the field of Waste Treatment**

*The main principles of the state policy in the field of waste treatment refer first of all to protection of environment and people's health from the negative impact of waste, assurance of rational use of raw materials and power resources, scientifically justifiable consideration of ecological, economic and social waste generation and utilisation interests of the society to ensure its sustainable development.*

*The main directions of the state policy for implementation of the indicated principles are the following:*

- a) assurance of collection of all of the waste, timely neutralisation and removal of waste, observance of ecological safety rules during waste treatment;*
- b) minimisation of waste generation, reduction of hazard presented by it;*
- c) assurance of a multipurpose utilisation of raw resources;*
- d) promotion of a maximum utilisation of waste through direct re-utilisation or alternative utilisation of waste presenting a resource value;*
- e) assurance of safe removal of waste, not subject to utilisation through development of relevant technologies, ecologically safe methods and tools of waste treatment;*

<sup>1</sup> Towards the plan – Arnaud CARON

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f) *organisation of control over the places or objects of waste disposal to prevent from a negative impact on the environment and people's health;*

g) *implementation of a set of scientific, technical and marketing research to identify and define a resource value of waste to ensure its efficient utilisation;*

h) *assistance in construction of waste treatment facilities;*

i) *social protection of people, working in the field of waste treatment;*

j) *compulsory record-keeping of waste based on waste classification and passportization.*

For the present project, we put as fundamental the item a) that we resume as 100% collected, 100% paid, 100% in sanitary landfills and the item f) as enhancement of the Inspection. Our pilot project targets the items b), c), d). Our action in public awareness targets the item b) and perhaps g) if we can help a student for a PhD thesis. In parallel, the landfill inventory and audit subprogram aims the item j) *liquidation of non-authorized and not controlled dumps*; of the **Article 21. Competence of Local Authorities in the Field of Waste Treatment**.

## Preamble of the Regional SHWM Plan

### Objectives

The Regional Solid Household Waste Management Plan of the Donetsk Oblast is established in aim to concretely apply within the territory of the Donetsk Oblast the Law of Ukraine "On Waste".

The first Regional SHWM Plan of the Donetsk Oblast is established for the years 2004 to 2008. It contains the measures decided by the authorities in aim to achieve concrete goals in waste management.

The general objective of the present 5-year plan is to attain:

- 100% of the household waste within the territory of the Oblast are collected by legally authorized utilities
- 100% of the waste fees are paid by the inhabitants
- 100% of the household waste within the territory of the Oblast are disposed in sanitary landfills

In parallel, in aim to prepare the next steps of a modern waste management, the secondary objectives are:

- To develop experiments of selective collection and recycling
- To develop experiments of organic waste composting
- To inventory dumpsites and landfills; to study and to begin the closure of the most hazardous of them
- To settle hazardous<sup>2</sup> domestic waste treatment facilities and to experiment their selective collection
- To take into account the European regulations as a model of wished state of art of waste management.

### Responsibilities

#### Regional Administration

According to the Article 20 of the Law of Ukraine "On Waste", the Administration of the Oblast of Donetsk is in charge of the "*organisation of development and implementation of regional and local waste treatment programmes, assurance of implementation of state programmes*". So the preparation of the underneath Regional SHWM Plan of the Donetsk Oblast is under the responsibility of the Administration of the Oblast of Donetsk.

#### Department of Ecology

According to the Article 23, Competence of the Ministry of Environment Protection and Nuclear Safety of Ukraine in the Field of Waste Treatment and its local offices, of the Law of Ukraine "On Waste", the De-

<sup>2</sup> as batteries, tyres, paints and solvents, aerosols, pesticides, medicines and remedies, electronics

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partment of Ecology of Donetsk is in charge of the “a) co-ordination of activities of other specially authorized executive bodies referring to waste treatment and control over implementation of requirements of ecological safety”, “f) creation of information and analytical systems and data bases about volumes of waste generation and waste treatment” and “j) approval of locations of waste treatment sites”. So for the preparation of the underneath Regional SHWM Plan of the Donetsk Oblast, the Department of Ecology of Donetsk is in charge of the necessary studies and of the providing of the necessary data.

**Local authorities**

According to the Article 21, Competence of Local Authorities in the Field of Waste Treatment, of the Law of Ukraine “On Waste”, the local authorities as Municipalities and Districts are in charge of:

- b) development and approval of schemes of sanitary cleaning of populated areas;*
- c) organisation of domestic waste collection and removal, including waste of small businesses, creation of landfills for waste disposal, organisation of selective collection of useful components of waste;*
- d) approval of local and regional waste treatment programmes and control over their implementation;*
- e) introduction of measures stimulating subjects of economic activities, working in the field of waste treatment;*
- f) solution of questions dealing with location of waste treatment sites at their territory;*
- g) co-ordination of work of subjects of business activities located at their territory within their powers;*
- h) definition of the amount of payments for waste disposal in the order stipulated by law;*
- i) implementation of control over rational use and safe waste treatment at their territory;*
- j) liquidation of non-authorized and not controlled dumps;*
- k) promotion of waste legislation among population, stimulation of involvement of population to collection and storage of waste, presenting resource value;*

*Local authorities take decisions about allocation of land for waste disposal and construction of waste treatment sites.*

So for the preparation of the underneath Regional SHWM Plan of the Donetsk Oblast, the local authorities will be associated by the way of the designation of representatives who will participate to the works, and they will be regularly informed of the preparation of the Plan.

**Private companies and NGOs**

According to the Article 16 of the Law of Ukraine “On Waste”, the Companies, Institutions and Organisations of all forms of property working in the Field of Waste Treatment in the Oblast of Donetsk have a right to: “a) receive information in the stipulated order about technologies of waste utilisation, construction and operation of waste treatment facilities” and “c) come out with proposals about location, design, construction and operation of waste treatment facilities”. So the Companies, Institutions and Organisations of all forms of property (including NGOs) working in the Field of Waste Treatment in the Oblast of Donetsk are invited to participate to the works of the preparation of the underneath Regional SHWM Plan of the Donetsk Oblast by the way of the designation of representatives who will participate to the works, and they will be regularly informed of the preparation of the Plan.

**Democratic process**

As far as possible, within the limits of the business secret, the principle of transparency will be applied to the works of the preparation of the underneath Regional SHWM Plan of the Donetsk Oblast. The minutes of meeting will be published. The preparatory studies will be published. The final document Regional SHWM Plan of the Donetsk Oblast will be published and submitted to a public inquiry in aim to inform the population of the Oblast of Donetsk.