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Municipal Waste Tracking Project at the MRC Thérèse- De Blainville





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The project

The growth in the municipal solid waste stream (municipal waste), the increase in the costs of waste treatment and the problems of social acceptability force our municipal officials to implement modern and durable waste management strategies, whose success is closely related to the contribution of all the participants: citizens, waste recycling and treatment centers and municipal workers.

Taking into account the importance to obtain and to quickly validate information coming from those stakeholders, the use of an electronic system for the tracking of municipal waste that facilitates the gathering and the validation of municipal waste data seems a logical and an economical option.

The project aims at implementing an electronic window for the gathering of data related to municipal waste. Its main goal is to track municipal waste from their production to their final destination. MET-R-I-S will permit, to all the municipalities of the MRC - Blainville, Boisbriand, Bois-des-Filions, Loraine, Rosemère, Sainte-Anne-des-Plaines et Sainte-Thérèse - :

- to gather and to transmit all information related to municipal waste;
- to measure environmental performance and to obtain a realistic description of the situation as for the generation and the management of the municipal waste;
- to maximize the programs, tools and systems already implemented;
- to bring support to decision-making. The data obtained can be used prior to decision, to put forward various scenarios, or after decision, to measure the discrepancy from initial situation;
- to maximize local autonomy in regards to waste management by allowing all participants to implement suitable solutions and so, according to the specificity and the socio-economic characteristics of their territory;
- to stimulate concrete participation of citizens to operational and decision-making processes;
- to encourage exchange and standardization of the data between each of the stakeholder involved in the project by the implementation of a unique electronic window.

The team

The active parties involved in the project form a unique partnership since it involves both private and public sectors. At the public level, the project was possible because of the financial participation of the Fédération canadienne des municipalités and Recyc-Québec. Beside Gedden and its technological partner Absolunet, all the stakeholders involved in the management of the municipal waste - transfer, recovery, recycling and final destination centers are also contributing at the project. The management of the project will be carried out by the Corporation de conservation et de la mise en valeur du patrimoine environnemental de Rosemère inc. (CCMVPÉR).

The project implementation

The project was initiated in October 2005 and will extend over a period of 18 months. It includes:

- the development and the implementation of the electronic MET-R-I-S system for the tracking of municipal waste;
- the creation and the opening of individual and customized account, on the MET-R-I-S electronic window, for each of the stakeholders involved in the management of the municipal waste;
- the introduction and the distribution of equipments - containers and RFID tags and readers - ;
- the data integration;
- the validation and the running-in.



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