



Elaborating a waste management plan



Waste
management
Symposium

October 23th, 2019

WHAT IS A WASTE MANAGEMENT PLAN (WMP)?

It is a document used to **plan** the management of the various **residual materials generated** on a territory by **all sectors** on a 5-year period.

More specifically, the planning of:

- Human, material and financial resources
- Services
- Facilities
- Collections
- Programs



WHAT IS A WASTE MANAGEMENT PLAN (WMP)?

Residual materials and sectors

Residual materials generated

- Recyclable
- Organics
- CRD
- Household hazardous waste (HHW)
- Other (tires, textiles, metals)
- Sludge

Sectors

- Residential
- Industrial
- Commercial
- Institutional
- CRD



WHAT IS A WASTE MANAGEMENT PLAN (WMP)?

Fundamentals

4R-D's



REDUCE



REUSE



RECYCLE



RECOVER

Disposal

CONTEXT

MRC

- Every MRC is required to have a WMP to support the achievement of the Quebec residual materials management policy objectives.
 - It must be in accordance with the policy and be approved by RECYC-QUÉBEC

First Nation Communities

- It is **optional** to have a WMP
 - It is optional to have it approved by RECYC-QUÉBEC, but there are financial advantages to it.
- Communities can have a shared WMP with MRCs

WHAT IS IN A WASTE MANAGEMENT PLAN ?

Content

- Geographic and socio-economic context
- Description of waste management:
 - Infrastructure
 - Services and practices
 - Administration
 - Inventory
- Challenges and issues
- Orientations and objectives
- Action plan
- Cost and revenues
- Follow-up procedure

WHY MAKE A WASTE MANAGEMENT PLAN?

General advantages

WMP's:

- Provide an **overall view** of the waste management situation
- Help **monitor** the evolution of waste
- **Structure actions** in order to better **achieve objectives** and harmonise them with **all sectors** of the community
- Facilitates the **transfer of knowledge** in situations of personnel change

Expected outcome:

- **Reducing** the amount of solid waste requiring disposal
- Increasing **environmental safeguarding**
- Promoting **good habits** in management practices

WHY MAKE A WASTE MANAGEMENT PLAN?

Financial advantages

- Good planning can help decrease costs of both waste disposal and recycling.
- Having a WMP in accordance with RECYC-QUÉBEC requirements gives you access to the following funding from the government of Quebec:

Redistribution of charges payable for the disposal of waste

→ Without a WMP, you still have access to funding for recyclable materials:

Compensation program for municipal services provided to recover and reclaim residual materials



WHY MAKE A WASTE MANAGEMENT PLAN?

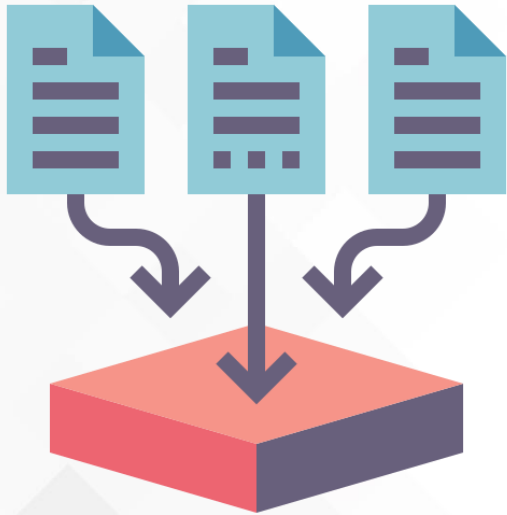
Redistribution of charges payable for the disposal of waste

- Your community could receive funds according to your **performance** in reducing generated waste.
- These funds **must be used to attain the goals** and realize the activities planned in the WMP.



IMPLEMENTATION STEPS

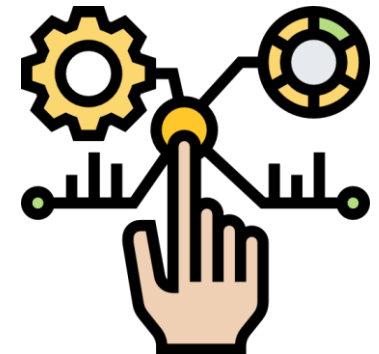
Data collection



- Geographic and Socio-Economic context
- Waste Management Infrastructure
- Waste Management Services and Practices
- Administration of Waste Management
- Residual Materials Inventory

Diagnostic

- Identify strengths, challenges and issues



IMPLEMENTATION STEPS

Orientations, objectives and action plan



- Determine orientations and objectives
- Develop a 5-year action plan with an evaluation of cost and revenues



- **Ensure harmonization** with **other plans** of the community (health, infrastructure, safety, education, etc.)
- **Involve as many stakeholders** as possible
 - Departments of the band council
 - Community organizations
 - Businesses
 - Population (youth, elders, marginalized members)

IMPLEMENTATION STEPS

Adoption

- Adoption by a resolution of the council
- WMP made available to the public (minimum 45 days)
- Public consultation
- Modifications if needed
- Transmission of the WMP to RECYC-QUÉBEC

*Suggested procedure in accordance with RECYC-QUÉBEC requirements.



IMPLEMENTATION STEPS

Follow-up



- **Carrying out** the planned **actions**
- Verifying the **achievement of objectives** each year
- **Revising** the plan after 5 years



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Let's now look at the
experiences of our panelists!