

PROGRAMME FOR WASTE PREVENTION AND COMPREHENSIVE MANAGEMENT - MEXICO

M en C. Sergio GASCA

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Background information

Some issues to consider during the PNPGIR implementation

3R Society based on Waste Management Policy

The consumption of natural resources is minimized

The environmental impact is reduced as much as possible

Established by promoting reduction, reuse, recycling, heat recovery and appropriate disposal

Concepts of Better Waste Management

Meaning and goals

To Reduce Landfill Disposal Rate

To Increase Recycling Rate

To Reduce Waste Generation Rate

Background information

Some issues to consider during the PNPGIR implementation

Waste minimization through:

- a) Waste prevention,
- b) Recovery of materials, and
- c) Volume reduction

Waste minimization for Landfill through:

- a) Sorting at source of waste in combustibles, bulky waste and recyclable items (bottles, cans, etc),
- b) Recycling and appropriated final disposal

Background information

Challenge of waste management in México

- **To reduce growing generation of waste**
(To Reduce Waste Generation Rate, to volume reduction)
- **To reduce unappropriated waste disposal**
(To change Open dumping to Sanitary Landfill, to reduce the landfill disposal rate)
- **To have enough infrastructure for waste management (refuse collection coverage, industry for recycling, sanitary landfill, industry for treatment and energy recovery)**
To Increase Refuse Collection Coverage; recovery and recycling materials and appropriate final disposal

Background information

Challenge of waste management in México

- **To qualify the technical workers in charge of the cleaning system in the statal and municipal level**
- **To update, develop, or adecuated the legal framework in waste management**
- **To promote the changing of production and consumption patterns through environmental education, negotiation between actors, develop of economics instruments (tax, charge of services, etc)**
- **To build information system to support the decision makers and to orient the environmental services**

Objective and Target of the Action Plan

General:

- To impulse the prevention and integrate management of the MSW, SW, HW, MW, in order to reduce the generation, sorting at source, recycling, energy recovery and restricted and appropriate final disposal of waste, in share producer responsibility framework

Impulsar la prevención y gestión integral de RSU, RME, RP y RMMP, a través de minimización, separación en fuente, reutilización y reciclaje, valoración material y energética y disposición final restringida y apropiada, bajo esquemas de responsabilidad compartida y diferenciada

Strategies to achieve the Target

- To promote the elaboration of legal and managements instruments in ordes to respond at needs, priorities, and regional circumstances.
(Promover instrumentos jurídicos y administrativos para necesidades, prioridades y circunstancias regionales).

For example:

- To promote the elaboration of Statal and Municipal Integral Management Programs, according with PNPGIR
 - To Develop of regulation instruments (norm, reglaments, law, etc)
 - To Develop of economical instruments to support the better waste management
 - To promote the coordination between national, statal and municipal authorities
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- To promote activ participation of society to reduce the waste generation rate, sorting at sources, to improve the appropriate management of **waste** *(Lograr participación activa de la sociedad en reducción de generación, separación en la fuente y manejo ambiental de residuos)*

Strategies to achieve the Target

- **To promote active participation of society** (*Lograr la participación activa de la sociedad*)
 - to reduce the waste generation rate, sorting at sources, to improve the appropriate management of waste,
 - To use the natural resources with efficiency and responsibility
 - To reduce the unnecessary consumption of goods,
- **To reduce waste disposal rate in base on reuse, recycling, compost, energy recovery** (*Reducir cantidades de residuos enviados a disposición final (reutilización, reciclaje, compostaje, valorización y recuperación energética)*).
Special effort to promote the management plan of ELV, e-Waste, Construction Waste, End of Life medicine, Organics
- **To have enough and appropriate infrastructure for refuse collection coverage, sort at source, recycling, treatment and final disposal** (*Contar con infraestructura suficiente y apropiada para recolección, separación, reciclaje, tratamiento y disposición final*)
- **To elaborate the information waste system** (*Desarrollar subsistema de información ambiental de residuos*)

Human resources, organization, schedule, Financial resources

Schedule of the PNPGIR is: from 2008 - 2012

Sponsor, Stakeholders, Financial Institutions

FNI - BANOBRAS,

Solid Waste Environmental Programm (COCEF – BANDAN),

Metropolitan Found (SHCP – 10 ZMs),

Hábitat Programm (SEDESOL),

Self financial resources of SEMARNAT

Public Resources (Statal, Municipal, National, tax, charges),

Privat resources in co-administration o concesion,

Proyectos CDM; M2M,

NAFIN – BANCOMEXT - FOMECAR y fondos de Carbono,

WB, DIB...

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