

Senior Officials Meeting on the 3R Initiative

Promotion of 3Rs at the National Level

Working Group 1

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BRAZIL – some references



- Total Area: more than 8 million square kilometers
- 5 Regions
- 26 States + FD
- 5,565 Municipal Districts
- 182 million inhabitants

SOLID WASTE CURRENT SCENARIO

- **Generation of 150 thousand tons per day of municipal solid waste;**
- **13 larger cities generate 32% of the total of solid waste;**
- **525 municipal districts with more than 50 thousand inhabitants generate 80% of the total of solid waste;**
- **59% of the waste collected by the 5,565 municipal districts are disposed of in garbage dumps.**

COMPARATIVE SCENARIO

The recycling market *

- **Plastics:** Europe 22%; Brazil 16% (5 to 10 % of Brazilian domestic solid wastes);
- **Aluminium Cans:** Japan 86%, USA 51%, Brazil 98% (less than 1% of Brazilian domestic solid wastes);
- **Steel Cans:** Japan 86%; USA 60%; Brazil 47% (10% of domestic solid wastes);
- **Tetra Pac:** Germany 65%; Spain 30%; Brazil 30% (10% of domestic wastes);
- **PET:** Brazil 48%; USA 18%;
- **Corrugated cardboard:** Brazil 79%; USA 74%;
- **Used Lubricating oil:** USA 35%; Brazil 24%.

* CEMPRE - Brazilian Business Commitment for Recycling (www.cempre.org.br)

DISCUSSION WITH SOCIETY

The Ministry of Environment, with the cooperation of the Ministry of Cities, the Ministry of Health and NGOs dealing with garbage pickers, promoted, last year, ten Regional Seminars on Solid Waste Management in order to inspire municipalities about the importance of ensuring environmentally sound management of solid wastes and to encourage the participation of garbage pickers in the process. The Seminars were directed at mayors, municipal technicians, academic staff, and non-governmental organizations.

INFORMAL SECTOR

Many cities in Brazil are developing projects with non-governmental organizations (NGOs) and with garbage pickers associations, resulting in environmental, social and economic benefits to the cities and also to the garbage pickers. One of these associations - ASMARE - Association of Paper, Board and Recyclable Materials Pickers, placed in Belo Horizonte City, in cooperation with other 8 associations of the same region, created last year the Industrial Unit of Plastic Recycling, the first in Latin America that is operated by garbage pickers. The Brazilian Government and the municipality gave a grant of 1,5 million American Dollars for the project that aims to provide an increase of, approximately, 26% in the monthly average income of the 612 garbage pickers involved in Project and The unit generated 60 new jobs right-handers

Cleaner Production Unit

The Ministry of the Environment established a Cleaner Production Unit – CPU with the mission to amplify the dissemination of concepts, to stimulate the application and the exchange of Cleaner Production, Ecoefficiency and Sustainable Production methodologies.

The Ministry of the Environment is promoting regional debates in order to promote the creation of state level CPUs to implement Cleaner Production in micro, small and medium sized enterprises as its top priority.

National Solid Waste Policy Proposal

BASIC CONCEPTS

- NO generation
- 3Rs (reduce, reuse and recycle);
- Integrated Solid Waste Management;
- Formal inclusion garbage pickers organizations;
- Post-consumption & Logistics reversal;
- Solid waste and residues;
- Cleaner production.

National Solid Waste Policy Proposal

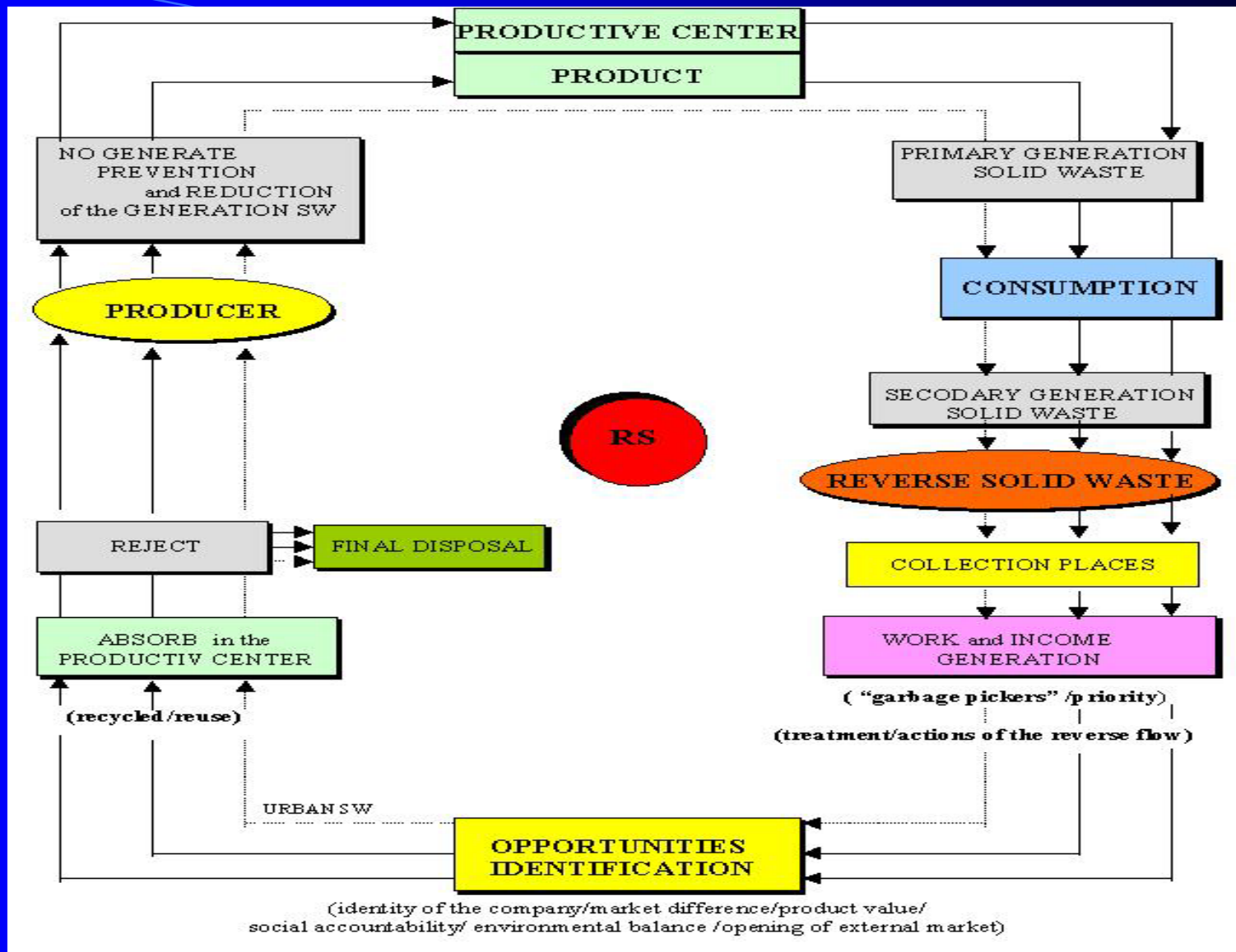
PRINCIPLES AND FOUNDATIONS

- Sustainable development;
- Participation of civil society in plans and programmes;
- Integration of garbage pickers in programmes with actions for solid waste flow;
- Environmentally sound waste disposal.

GENERAL GUIDELINES

- **Change of attitude in production and consumption patterns (AGENDA 21);**
- **Promotion, optimisation and guidance of the Integrated Solid Waste Management;**
- **Respect for diversity and local and regional inequalities;**
- **Enhancement of local markets for recycled materials or recycled commercialisation and consumption.**

SOLID WASTE FLOW SYNTHESIS



Thank you

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