

# 3RsPCs Project

## Waste Electrical and Electronic Equipmant

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## PRESENTATION

- The Minas Gerais Government, through the State Environmental Foundation - Feam and the Solid Waste Reference Center (CMRR), is implementing the 3RsPCs program, searching for appropriate environmental solutions concerning the Waste Electrical and Electronic Equipments (WEEE) in the State of Minas Gerais.

# Feam - Fundação Estadual do Meio Ambiente (State Environmental Foundation)

- Within the State of Minas Gerais, FEAM has the authority to implement policies that look to protect, conserve and improve environmental quality. To achieve this end, the foundation employs preventive and corrective measures that focus on the environmental degradation brought about by industrial activities, mining practices, and the construction of infrastructure. FEAM's main action items are: solid waste disposal, air and soil quality, and energy production.

### CMRR - Centro Mineiro de Referência em Resíduos (Minas Gerais State Solid Waste Reference Center)

- CMRR is a program coordinated jointly by the Voluntary Social Assistance Service (Servas) and the Government of the State of Minas Gerais, by means of the State Environmental Protection and Sustainable Development Secretariat (Semad) and Feam.
- Mission: to provide municipalities and citizens with the necessary tools and information to manage their solid waste. This is accomplished by integrating the dissemination of information and technical training for waste managers and other professionals with the aim of creating jobs, generating income, and improving the quality of life of the population.

## Situation of the WEEE in Brazil



WEEE in "sucateiro"

WEEE in Repair store



Fonte: Rosana Franco

# Situation of the WEEE in Brazil

- No national specific legislation;
- Some law projects and state laws;



Fonte: Rosana Franco

## ACTIVITIES

Assemble of a working group to discuss and propose specific regulation on management and destination of WEEE in Brazil.

Representatives from the Government, EEE Producers, Recyclers, researches and the organized civil society.

## ACTIVITIES

### Qualification Course in Assembly, Maintenance and Reconditioning of Computers:

- Started at September 2008
- 71 students qualified;
- Processed computers: 239;
- Refurbished computers: 105.



# 3RsPCs - Resíduos Eletroeletrônicos



# 3RsPCs - Resíduos Eletroeletrônicos



## ACTIVITIES

### Diagnosis of WEEE generation in Minas Gerais - partnership with EMPA - June 2009;

Place	All the WEEE searched*			Mobiles and fixed telephones, televisions, and computers		
	Present generation	Average per inhabitant	Accumulated from 2001 to 2030	Present generation	Average per inhabitant	Accumulated from 2001 to 2030
Brazil	678.960 t/year	3,4 kg/inhabit	22,4 million ton	202.450 t/year	1,0 kg/inhabit	6,6 million ton
Minas Gerais	68.633 t/year	3,3 kg/inhabit	2,2 million ton	21.240 t/year	1,0 kg/inhabit	677 thousand ton
RMBH	19.700 t/year	3,7 kg/inhabit	625 thousand ton	6.230 t/year	1,1 kg/inhabit	194 thousand ton

\*mobile and fixed telephones, televisions, computers, radios, washing machines, refrigerators and freezers.

## ACTIVITIES

International Seminar on WEEE - August 2009;

E-Waste Management Pilot Project in Belo Horizonte together with the catadores.

Thank you!

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