

Site (Data) : IPEN

Stock of waste as at December 2005

Country: BRAZIL

Reporting Year: 2005

Site Name: IPEN

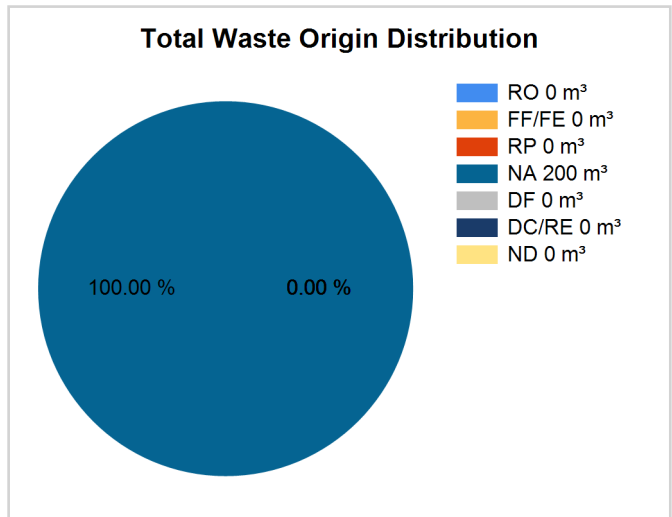
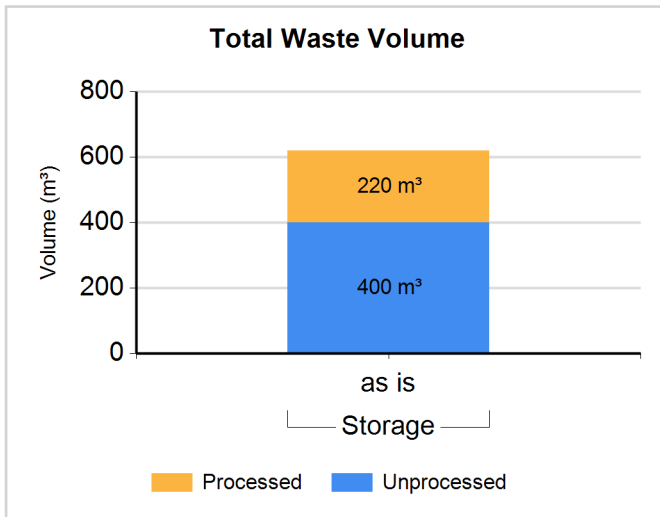
Full Name: Instituto de Pesquisas Energéticas e Nucleares

Inventory Reporting Date: December 2005

Waste Matrix Used: IAEA Def.

Waste Inventory

Est=distribution is an estimate, Proc.=Is the waste processed (Yes/No)? RO=Reactor Operations, FF/FE=Fuel Fabrication/Fuel Enrichment, RP=Reprocessing, NA=Nuclear Applications,DF=Defence, DC/RE=Decommissioning/Remediation, ND=Not Determined



Note: where volume "as dispo" is provided, volume "as is" is used in the graph instead.

Waste Class: LLW

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
LLW	Storage	N	Y	400.000	400.000	0.00	0.00	0.00	100.00	0.00	0.00	0.00
LLW	Storage	Y	Y	220.000	220.000	0.00	0.00	0.00	100.00	0.00	0.00	0.00

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**Processing - Treatment method(s)**

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Chemical Precipitation	N	N	Intermittent	N
Compaction	N	N	Same	N
Decontamination	N	N	Intermittent	N
Evaporation	N	N	Suspended	N
Filtration	N	N	Same	N
Ion Exchange	N	N	Intermittent	N
Segregation/Sorting	N	N	Same	N
Shredding and Compaction	N	N	Intermittent	N
Size Reduction	N	N	Same	N
Wastewater Treatment	N	N	Intermittent	N
Water/Acid Washing	N	N	Intermittent	N

**Processing - Conditioning method(s)**

Method	Status			
	Planned	R&D program	Current practice method use over the last 5 years	Past Practice
Cementation	N	N	Intermittent	N
Containerization	N	N	Same	N
Encapsulation	N	N	Suspended	N
Macroencapsulation	N	N	Intermittent	N
Solidification	N	N	Intermittent	N