

Site (Data) : PSI(ENSI)

Stock of waste as at December 2009

Country: SWITZERLAND

Reporting Year: 2009

Site Name: PSI(ENSI)

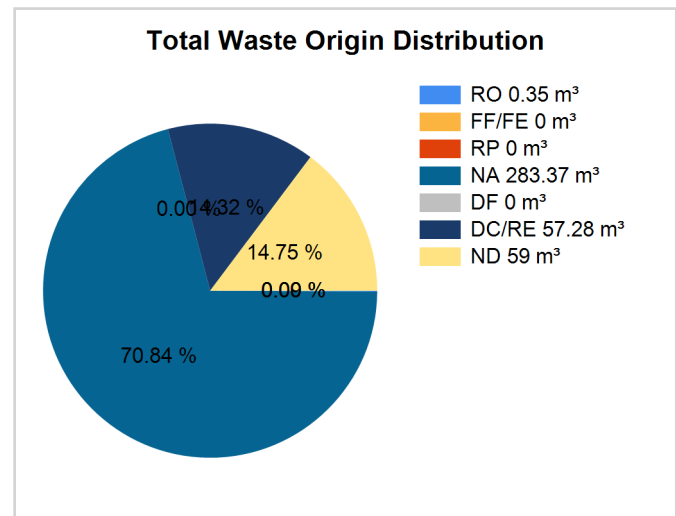
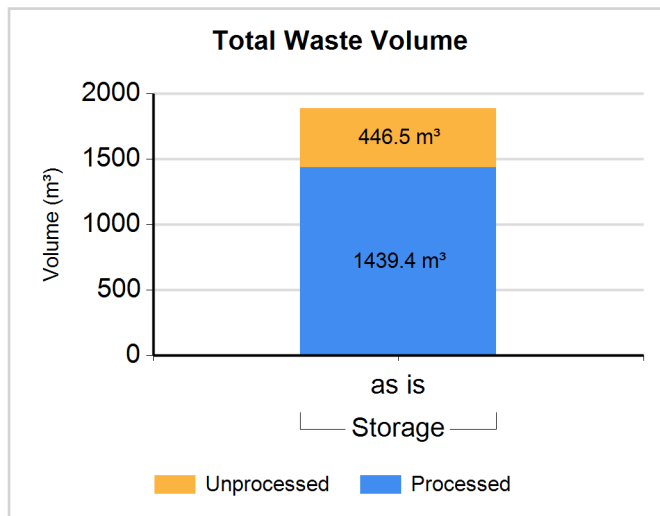
Full Name: Paul-Scherrer-Institut (Facilities under ENSI supervision)

Inventory Reporting Date: December 2009

Waste Matrix Used: KEV 2004

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: SMA

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
SMA	Storage	Y	N	1378.000	1378.000	0.35	0.00	0.00	74.59	0.00	25.06	0.00

Waste Class: ATA

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
ATA	Storage	Y	N	61.400	61.400	0.00	0.00	0.00	100.00	0.00	0.00	0.00

Waste Class: SMA ybc

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
SMA ybc	Storage	N	N	425.200	425.200	0.00	0.00	0.00	8.78	0.00	32.22	59.00

Waste Class: ATA ybc

Waste Class Name	Location / Facility	Proc	Est.	Volume "as is" (m³)	Volume "as dispo" (m³)	RO %	FF/FE %	RP %	NA %	DF %	DC/RE %	ND %
ATA ybc	Storage	N	N	21.300	21.300	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
Compaction	N	N	Same	N
Decontamination	N	N	Same	N
Incineration	N	N		Y
Metal Melting	N	N	Same	N
Size Reduction	N	N	Same	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	Same	N
Encapsulation	N	N	Same	N
Grouting	N	N	Same	N

RadioNuclide Inventory in Storage

Total Alpha Activity (GBq):	19000
Total Beta/Gamma Activity (GBq):	7000000

Comment **# 22629: Scope of Nuclide Inventory Data**

Reported overall activities refer to processed (i.e. conditioned) waste, only, and relate to the reference date of the submission. Information on unprocessed (i.e. yet-to-be conditioned) waste is excluded as pertinent provisional data are, frequently, assessed, reviewed or completed during the conditioning process.