

Romania

Romanian National Programme

Romanian Progress Report

Inventory Status December 2013

If possible, please provide the amounts of waste in m3 as disposed

Total Radioactive Waste on MS territory

Category*	To Date		2020		2030		2040		2050		2095	
	Total Volume (m3)	Share of decommissioning waste in total volume (m3)	Total volume (m3)	Share of decommissioning waste in total volume (m3)	Total volume (m3)	Share of decommissioning waste in total volume (m3)	Total volume (m3)	Share of decommissioning waste in total volume (m3)	Total volume (m3)	Share of decommissioning waste in total volume (m3)	Total volume (m3)	Share of decommissioning waste in total volume (m3)
VLLW	330	330										
LLW	2802	0	3760	500	7670	1000	12730	2000	17250	2000	32370***	16100
ILW	4.5	4.5	60	60	285	60	960	60	1075	175	2235***	1320
HLW	0	0	0	0	0	0	0	0	0	0	0	0

* According to IAEA Safety Guide GSG-1 (2009)

** At the end of operation of present facilities

*** Operational, refurbishment and decommissioning wastes

Disposed Radioactive Waste on MS territory

Category*	Site	Type of Facility	Period of Operation	Disposed volume (m3)					
				To Date	2020	2030	2040	2050	2060
VLLW									
LLW	DFDSMA	Near Surface for Operational Waste	2023 - 2095	0	0	2250	6750	11250	15750
LLW	Baita Bihor Repository	Near Surface for Institutional Waste	1985 - 2040	2130	2660	3420	4180	4180	4180
ILW									
Spent fuel									

* According to IAEA Safety Guide GSG-1 (2009)

Radioactive Waste in Storage on MS territory

Category*	Site	Stored volume (m3)					
		To Date	2020	2030	2040	2050	2060
VLLW							
LLW	Cernavoda NPP	672	1100	2000	1800	1600	950
ILW	Cernavoda NPP, RATEN Pitesti, IFIN-HH	4.5	60	285	960	1075	1075
HLW		0	0	0	0	0	0

* According to IAEA Safety Guide GSG-1 (2009)

Radioactive Waste stored/arising outside EU territory (to be returned to MS)*

Category**	Country	Volume (m3)					
		To Date	2020	2030	2040	2050	Other
VLLW		0	0	0	0	0	
LLW		0	0	0	0	0	
ILW		0	0	0	0	0	
HLW		0	0	0	0	0	

*: Radioactive waste, for example from processing or reprocessing of radioactive material or spent fuel outside the EU that will be returned to the MS

** : According to IAEA Safety Guide GSG-1 (2009)

Spent Fuel in Storage on a MS territory

SF type	Location	Mass (tHM)					
		To Date	2020	2030	2040	2050	2080*
CANDU	Cernovoda	2289	3700	6600	10600	14300	20400
CANDU	Pitesti	0.055					0.2
LEU	Pitesti	0.001					0.35

* End of operation of present facilities, including Cernovoda 3 and 4

Spent Fuel in Storage outside EU territory (expected to be returned to MS or can result to radioactive waste return to MS)