



Introductory presentation to the Blue Ribbon Commission visit at the Bure site

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Content of the presentation



Status of ANDRA



Radioactive waste classification



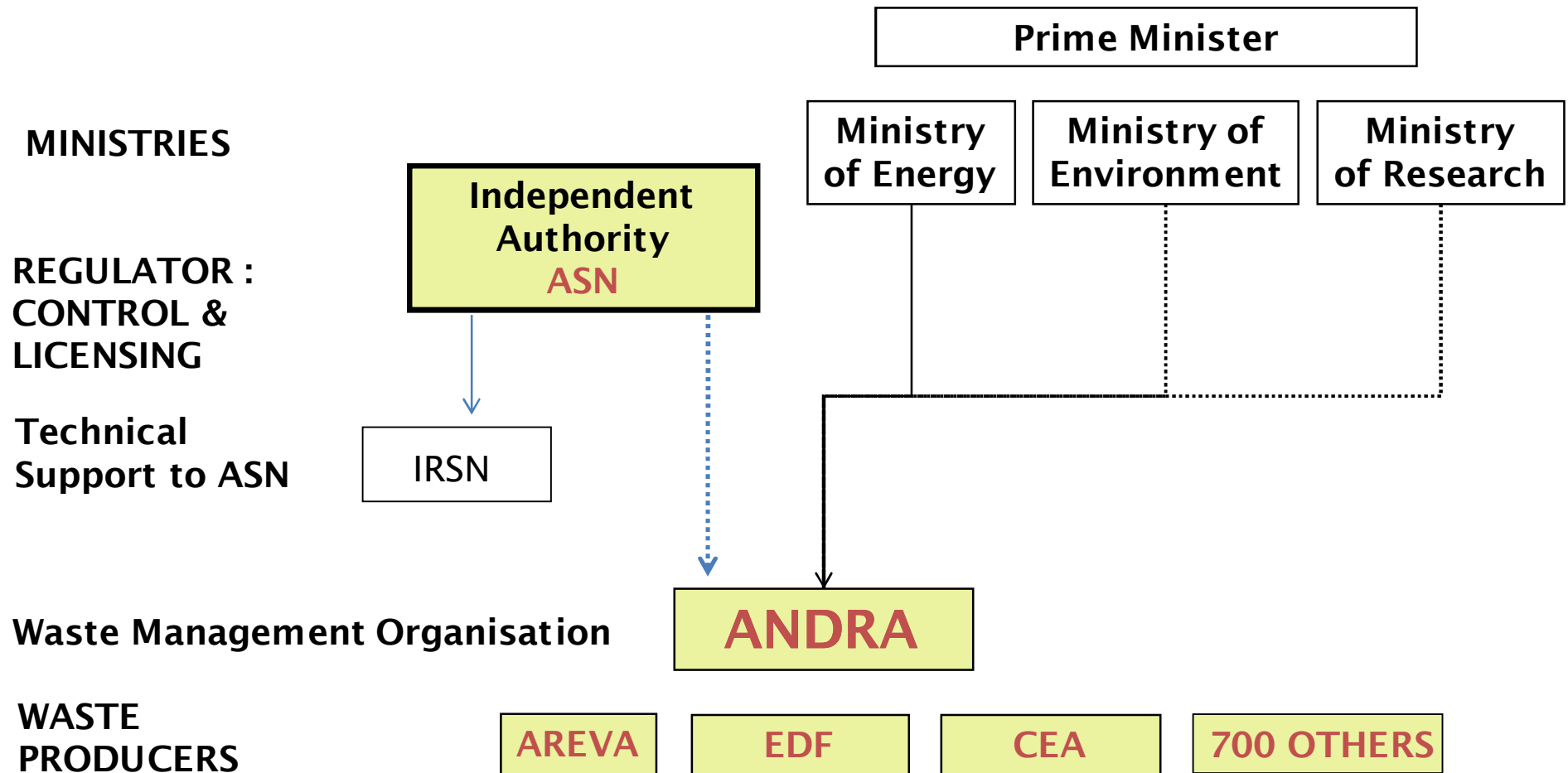
Inventory of waste



Action framework



ANDRA, a Public Agency since 1991



	Short-lived waste	Long-lived waste
Very low level	Waste from dismantling operations Centre de Morvilliers	
Low level	Operating waste from NPPs Centre Aube + Centre MANCHE	Graphite, radium-bearing waste Studies stage
Intermediate level		
High level	Waste from reprocessing plants Disposal site to be commissioned in 2025	

	Waste packages volume (after conditioning) m³		
	Already generated wastes 2007 (disposed or stored)	Forecast generated wastes 2020 (disposed or stored)	Forecast generated wastes 2030 (disposed or stored)
HL	2 290	3 680	5 060
IL-LL	41 800	47 000	51 000
LL-LL	82 500	114 600	151 900
LIL-SL	792 700	1 009 700	1 174 200
VLL	231 700	629 200	869 300
TOTAL	1 151 000	1 804 000	2 251 000

Main figures for the geological repository design: all HL and ILW generated at the end of the lifetime of the present nuclear French fleet:



45,000 MTHM

↙ 6,330 m³ of vitrified waste → 8000 m³ for sizing

↙ 20,000 m³ of ILW → 80,000 m³ for sizing (including legacy waste)



The action framework is defined by the Parliament

- “ **A first law for 15 years research on High Level waste**
- “ 1991 to 2006, geological repository and alternative solutions

- “ **A new Planning Act passed in 2006 for RW Management**
- “ All types of radioactive waste are considered through
 - “ **A National Inventory**
 - “ **A Management Plan for Radioactive Materials and Waste (PNGMDR)**

- “ **Both laws define**
- “ Clear objectives and schedules
- “ Assessment system: CNE, ASN, OPECST
- “ Information, transparency, reporting requirements: CLIS, CHN
- “ Funding schemes for the Agency
 - “ **Polluter-pays principle: contracts or tax system**
 - “ **Subsidies for Public Missions**



The CIGEO project

↪ Thibaud Labalette, Director of programmes



The experimental programme

↪ Dr Patrick Landais, Director of the R&D division