

Policy processes on nuclear energy and radioactive wastes management

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Presentation Plan

Policy processes on energy issues in France :

- public consultation
- political parties and nuclear energy
- the decisive role of Parliament

The radioactive waste management issue in France :

- Low level wastes and very low level wastes
- the 1991 Act on research into radioactive waste management
- An Act in 2006 on the sustainable management of radioactive wastes

Policy processes on energy issues in France :

Public consultation

Major nuclear projects

- general provisions
- nuclear installations
- the 2002 Act and public debate
- local disclosure committees

Policy processes on energy issues in France :

Public consultation

General options regarding energy, environment or territory planning

- the 2003 national debate on energy

- the 2002 Act and debates on EPR and radioactive wastes management

Policy processes on energy issues in France :

Political parties and nuclear energy

Consensus from 1973 :

- the nuclear programme endorsed by all political majorities

- SuperPhénix and the radioactive waste issue

Policy processes on energy issues in France :
Political parties and nuclear energy

Consensus for the future ?

- **Diversification**

- **What if Global Warming and Climate Change accelerate ?**

Policy processes on energy issues in France :

The decisive role of Parliament

- The Act of 30 December 1991 on research into radioactive waste management
- The Act of 10 February 2000 on modernizing and developing the electricity public service

Policy processes on energy issues in France :
The decisive role of Parliament

- **The Act of June 2005 on energy policy orientation**
- **An Act in 2006 on the sustainable management of radioactive wastes**

The radioactive waste management issue in France :

- **Low level wastes and very low level wastes**
- **The 1991 Act on research into radioactive waste management**

3.- The radioactive waste management issue in France

An Act in 2006 on the sustainable management of radioactive wastes



Strand 1 : Separation and Transmutation

- **Separation** of Minor Actinides : Scientifically Proven
- **Industrialisation of Separation and Transmutation** : Around 2040



Strand 2 : Reversible Disposal in Deep Geological Formations

- **Geological Disposal** : the International Reference
- **Strand 2 : Research on Clay**
- **Reversibility** : A Necessity and a Technical Possibility over a Long Period

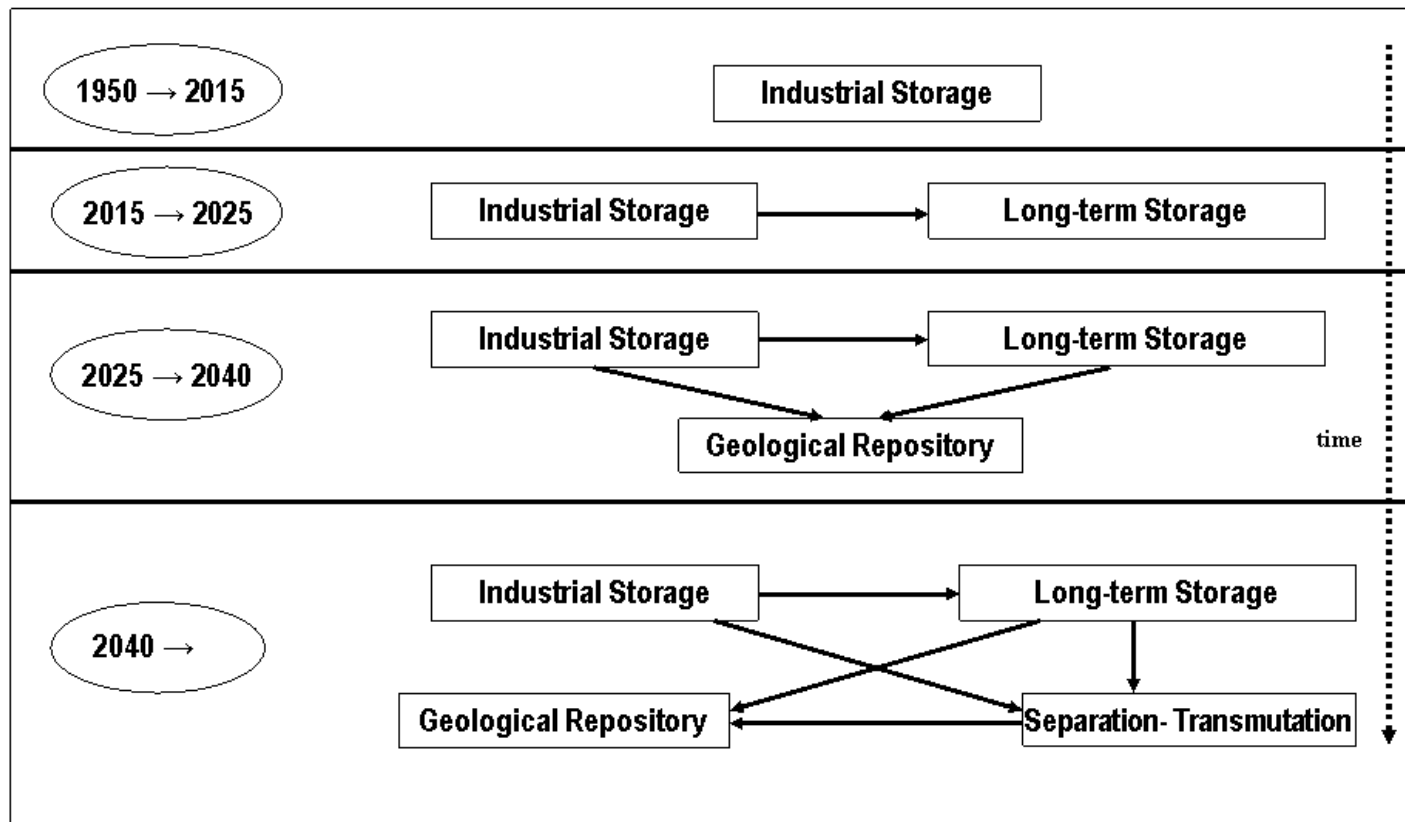


Strand 3 : Conditioning and Long-term Storage

- **Long term Storage** : a Goal of 100 to 300 Years Lifespan (Lifespan of Industrial Storage : 50 years)

3.- The radioactive waste management issue in France

Complementarity of the Three Management Methods



The New Radioactive Waste Management Options and their Implementation Schedule

3.- The radioactive waste management issue in France

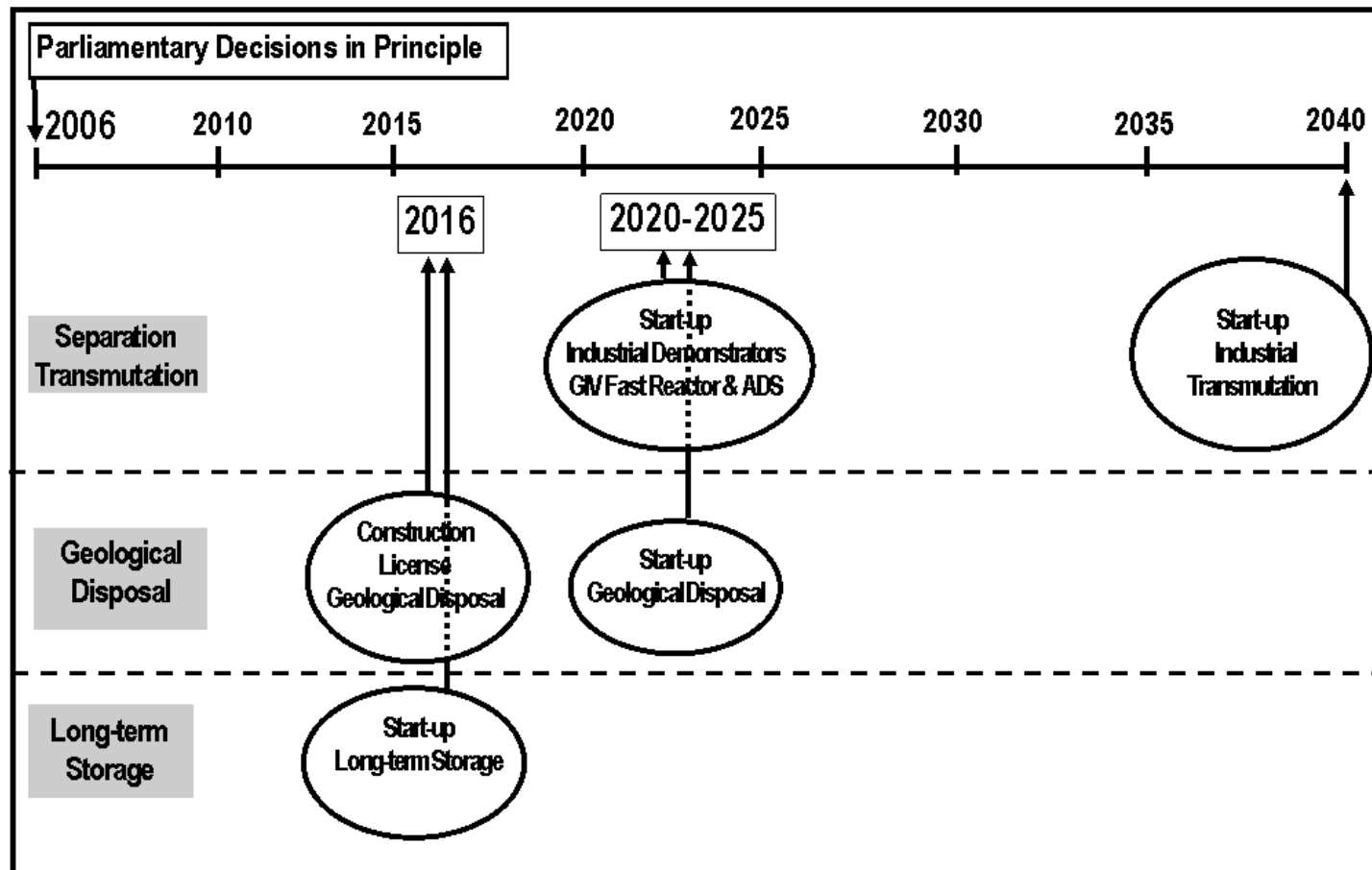
I.- Information and Debate : Essential Improvements Needed

II.- Research : Parliamentary Impetus to continue Research

III.- Spin-off : The Exploitation of Research – A Field to be Turned to Account

3.- The radioactive waste management issue in France

IV.- Three Decisions in Principle to be taken by Parliament



3.- The radioactive waste management issue in France

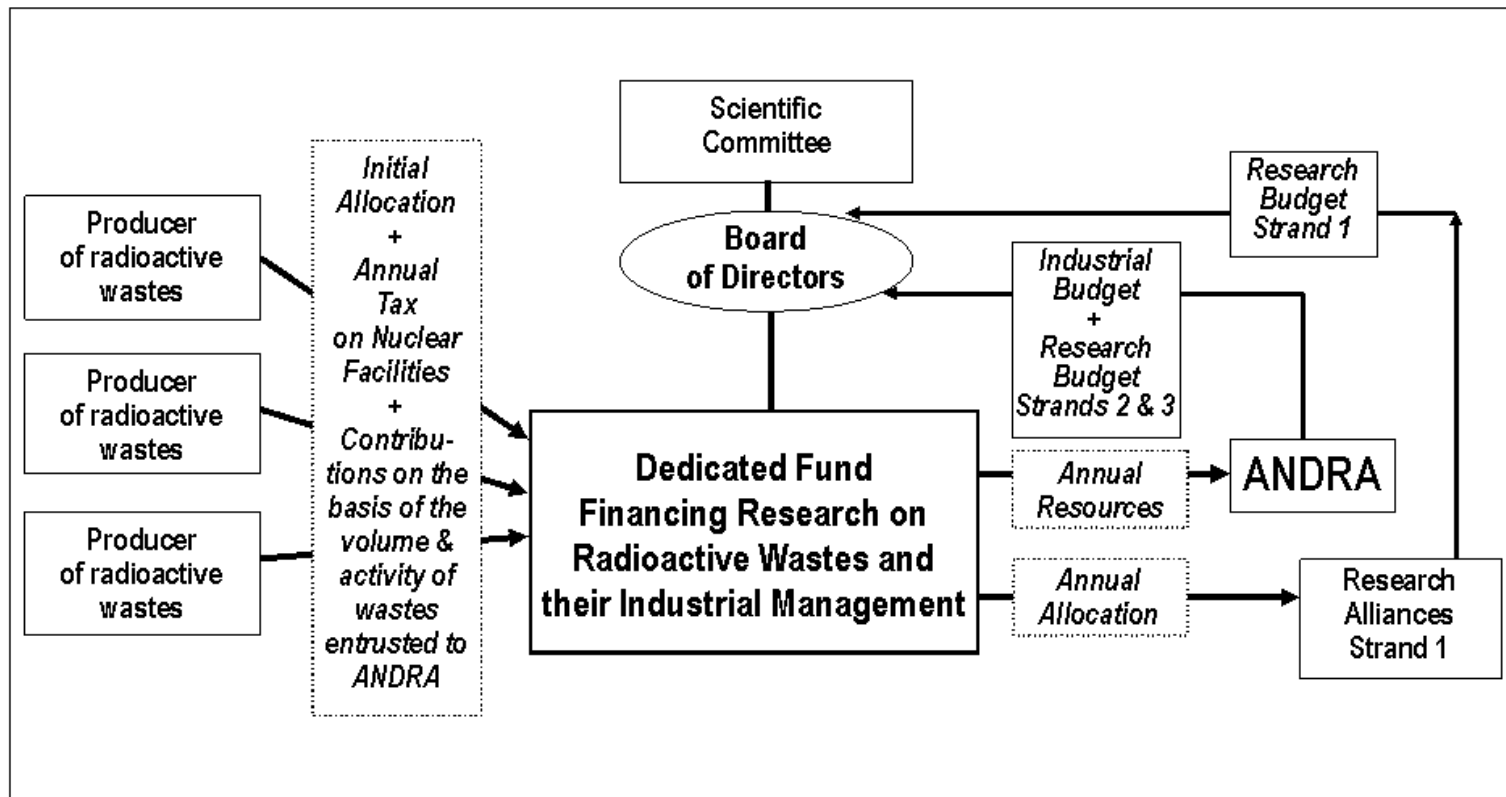
V.- The Overall Logic : the PNGDR-MV

(National Plan for the Management of radioactive wastes and recoverable materials)

- Exhaustivity
- Coherence

3.- The radioactive waste management issue in France

VI.- Funding: the Dedicated Fund to Guarantee Long-Term Financing



Conclusion

- **Responsability towards future generations implies :**
 - **nuclear power generation is secured**
 - **sustainable radioactive waste management is implemented**
- **Public consultation:**
 - **is useful if only knowledge on energy issues is widely spread**
 - **Parliament has to keep the lead**
- **Radioactive wastes management needs :**
 - **continued investments in R&D**
 - **Parliamentary decisions in principle**