

## **Policy processes on nuclear energy and radioactive wastes management**

**Presentation by**

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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

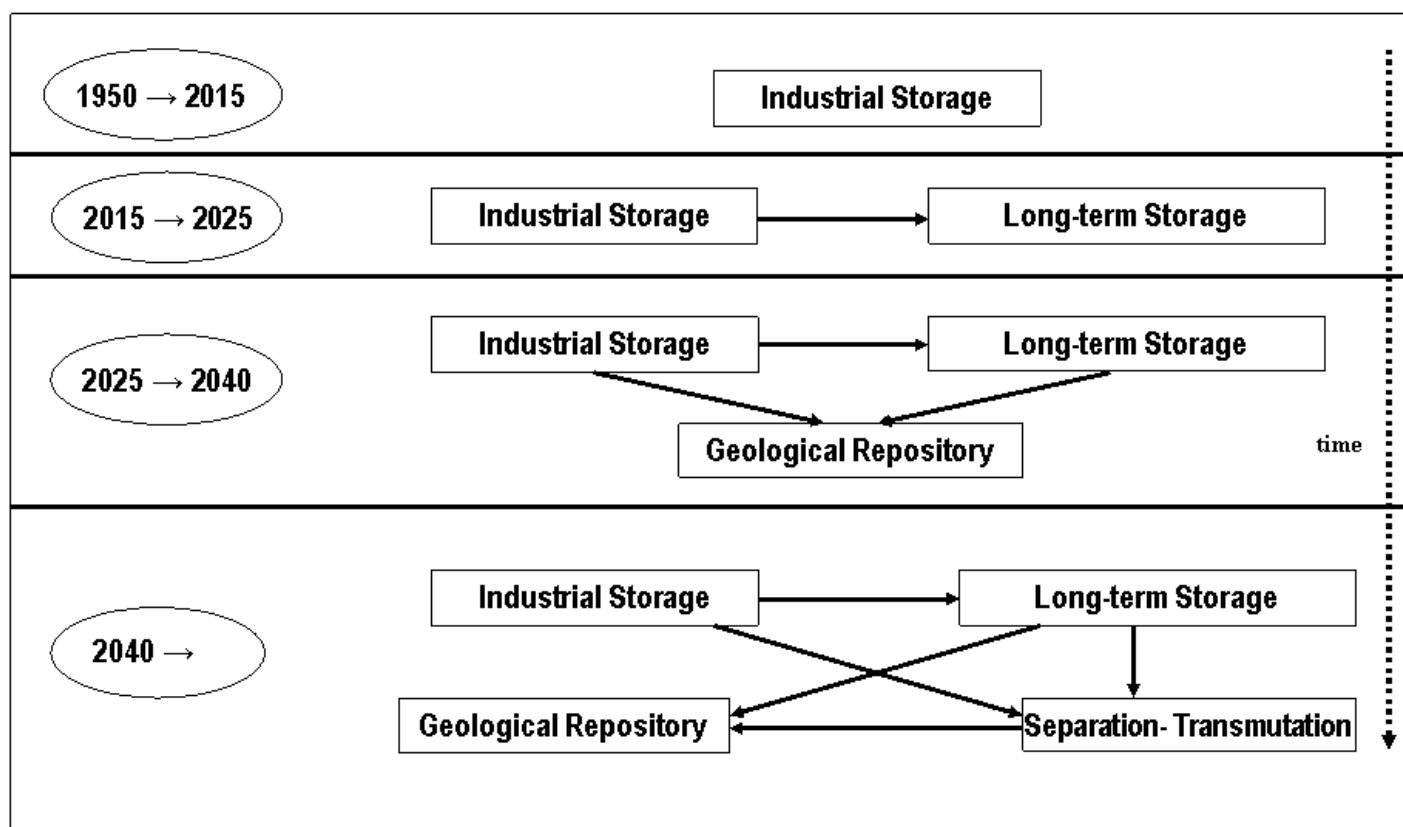
#### Strand 3 : Conditioning and Long-term Storage



- **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**

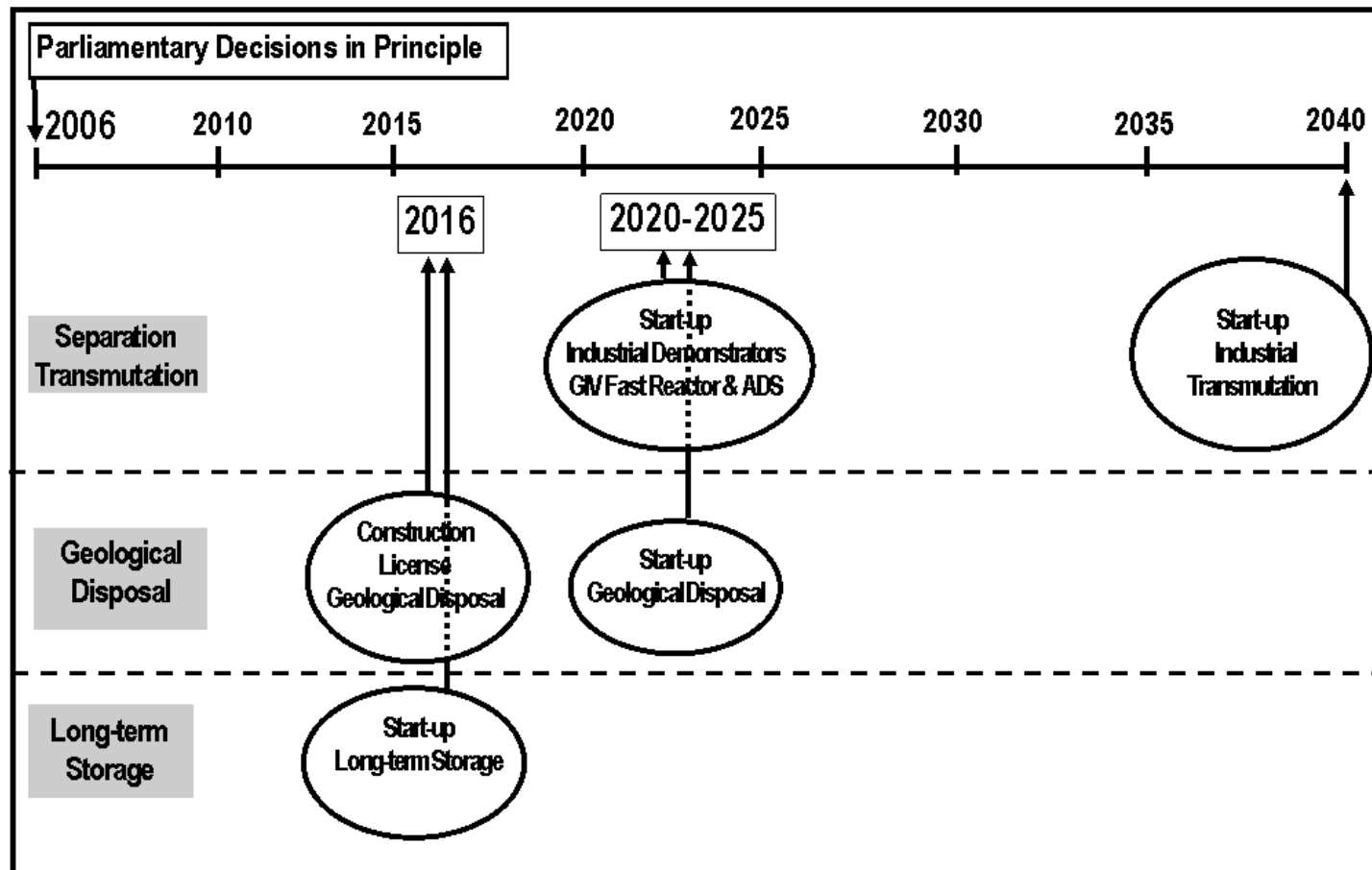
#### **I.- Information and Debate : Essential Improvements Needed**

#### **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**

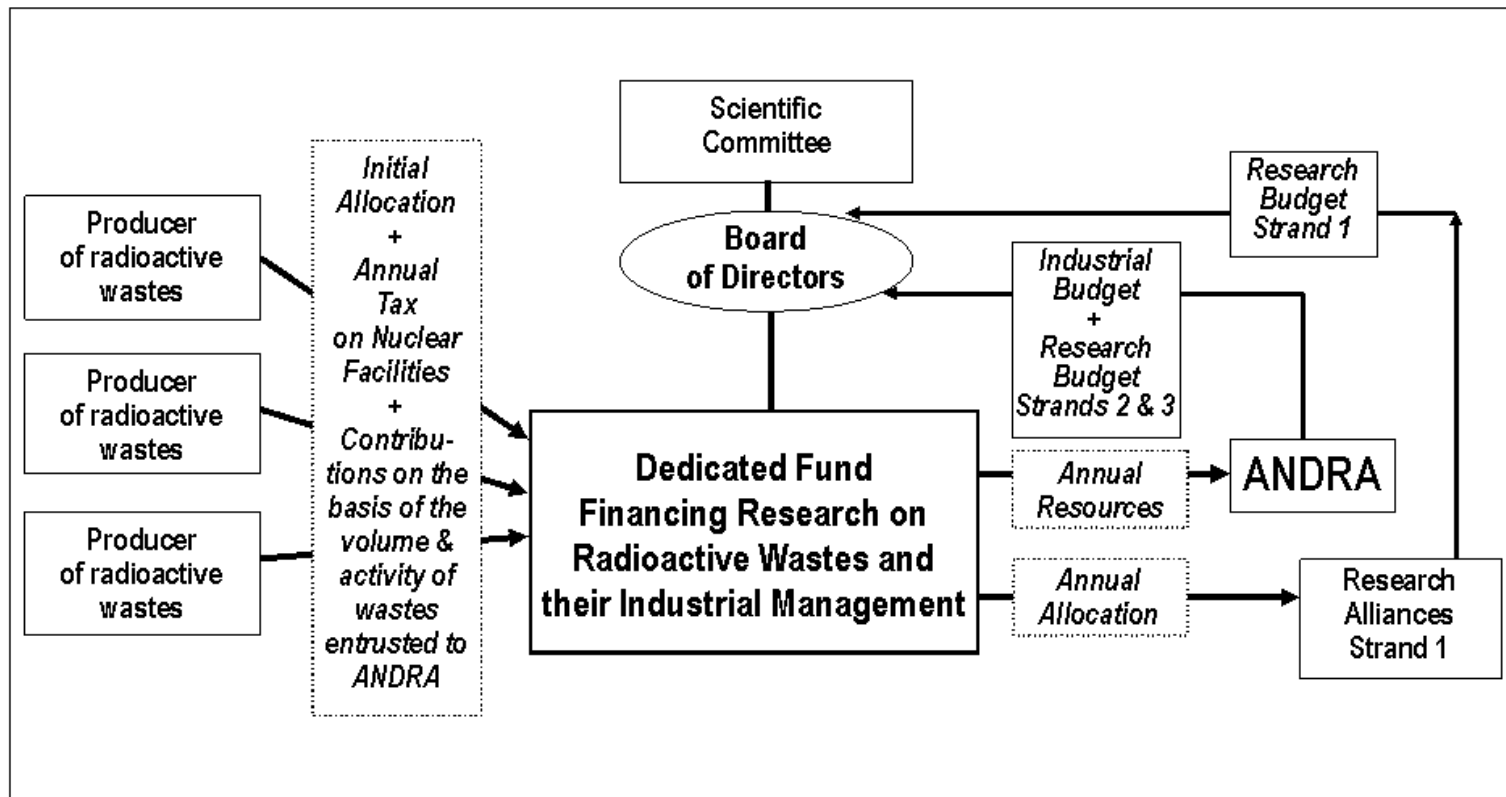
#### **V.- The Overall Logic : the PNGDR-MV**

**(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**