

**Public Communication
in the Management of Radioactive Waste
in the Republic of Korea**

4 JULY 2016

Vienna

Outline

Part 1. Site selection of a low- and intermediate-level waste (LILW) disposal facility

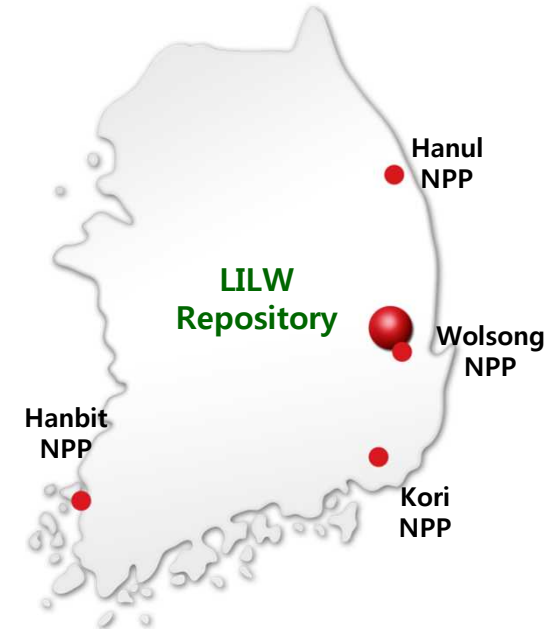
Part 2. Public Engagement Program for Spent Nuclear Fuel Management

Site Selection for a LILW Disposal Facility

- Unsuccessful site selection process since 1980s
 - Lack of transparency and stakeholder involvement
 - Insufficient public communication
- Adoption of new site selection approaches
 - Government-independent site selection committee
 - Law to support hosting community
 - Public notice for new site selection procedures
 - Resident's vote

- Successful site selection

Gyeongju-city	89.5%	Gunsan-city	84.4%
Youngdok-county	79.3%	Pohang-city	67.5%



Site Overview

- **Area**

- Approximately 2,100,000 m²

- **Disposal Capacity: 800,000 waste packages**

- 1st Phase: 100,000 waste packages
- 2nd Phase: 125,000 waste packages
- 3rd Phase: On Planning

- **Disposal Type**

- 1st Phase: Rock-Cavern Type
- 2nd Phase: Engineered-Vault Type
- 3rd Phase: On Planning



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Part 2. Public Engagement Program for Spent Nuclear Fuel Management

Public Engagement Commission on SNF Management (PECOS)

PECOS

- 12 members
- The government-independent commission, to gather various opinions on SNF management and recommend the results to the government.

MOTIE

- ▶ Authorize the role of PECOS
 - * Request the recommendation on management options by a certain period
- ▶ Establish the management plan according to PECOS's recommendation

Support PECOS



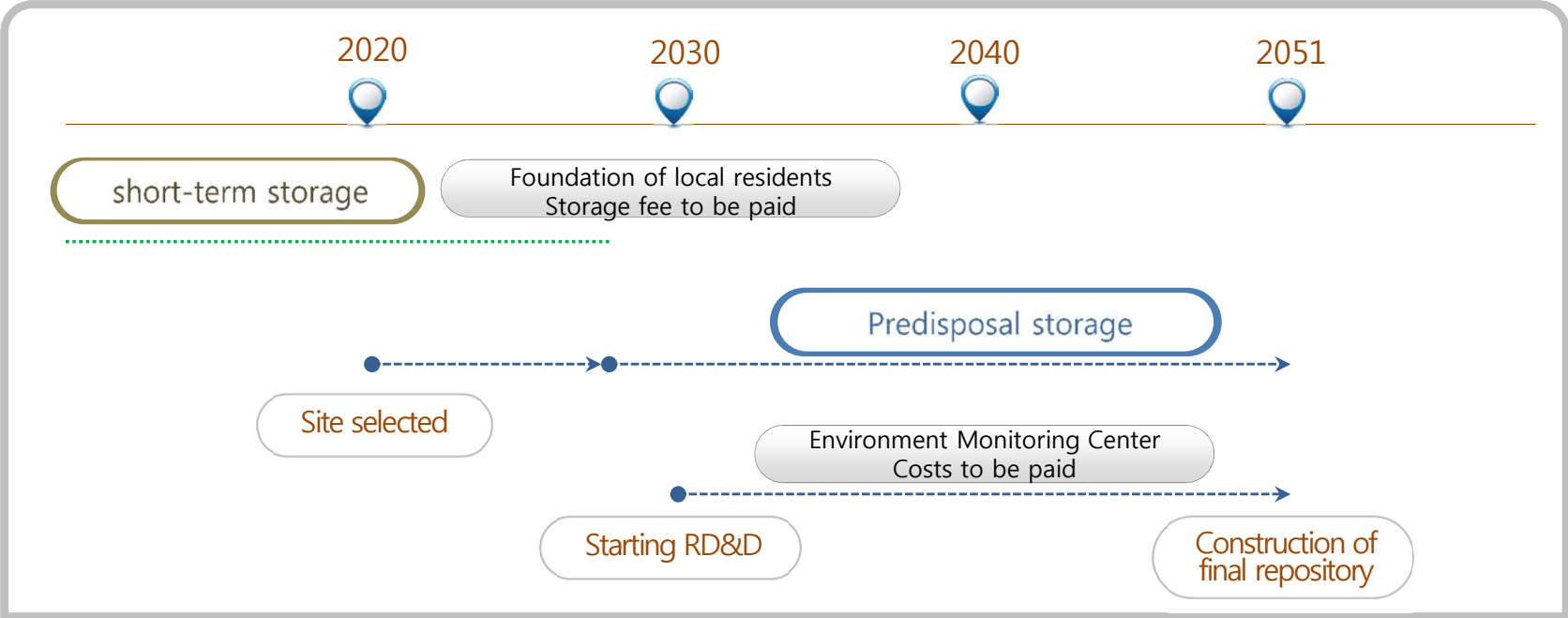
Submit recommendation

PECOS

- ▶ Confirm the implementation plan
 - * Purpose, subject, and method
- ▶ Carry out the public engagement and recommend to government

Public Engagement Commission on SNF Management (PECOS)

- collected opinions of the public, local residents of NPP sites and stakeholders by means of various tools such as town hall meeting, deliberative poll, etc (approximately **370,000 people** participated)
- submitted the recommendation report to the government (JUNE 2015)



Thank you for your attention!!