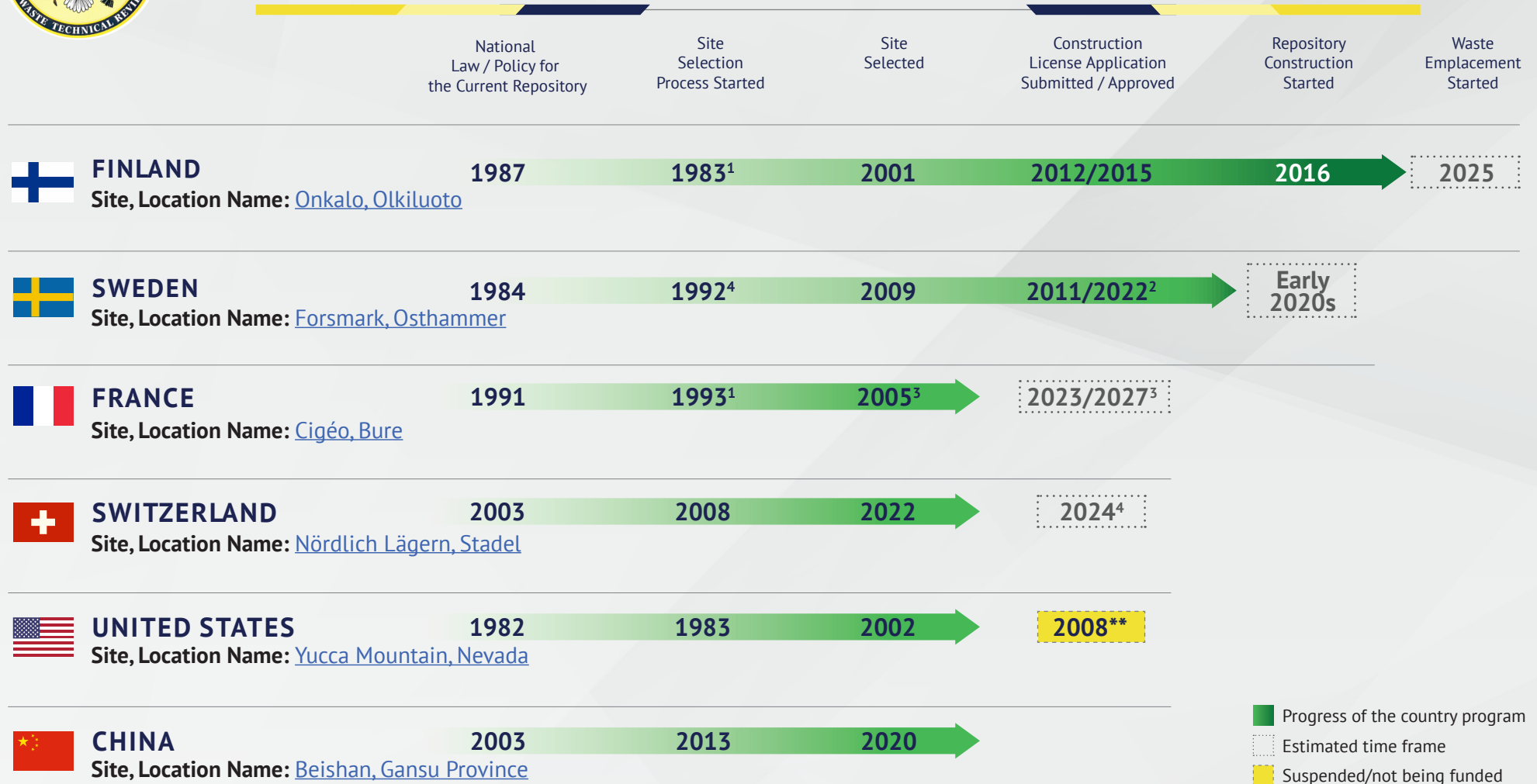




STATUS OF REPOSITORY PROGRAMS FOR DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH-LEVEL RADIOACTIVE WASTE*

This table presents the progress of national nuclear waste disposal programs in various countries, summarized at a high level and focusing on when primary milestones were reached



Progress of the country program
 Estimated time frame
 Suspended/not being funded

FOOTNOTES:

*Information in this table is derived from the [NWTRB Report](#) titled 'Survey of National Programs for Managing High-Level Radioactive Waste and Spent Nuclear Fuel: 2022 Update' unless otherwise noted.

**The Yucca Mountain repository project is not being funded; the NRC licensing process has been suspended.








REFERENCES:



- https://assets.publishing.service.gov.uk/media/5a815d7ee5274a2e87dbd3c0/Overview_of_international_siting_processes_September_2013.pdf
- <https://www.skb.com/future-projects/the-spent-fuel-repository/the-review-process/>
- <https://international.andra.fr/sites/international/files/2023-01/CigeoMag%20UK.pdf>
- <https://nagra.ch/wp-content/uploads/2022/09/Report-the-site-for-the-deep-geological-repository-Nagras-proposal.pdf>



STATUS OF REPOSITORY PROGRAMS FOR DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH-LEVEL RADIOACTIVE WASTE*

This table presents the progress of national nuclear waste disposal programs in various countries, summarized at a high level and focusing on when primary milestones were reached

	National Law / Policy for the Current Repository	Site Selection Process Started	Site Selected	Construction License Application Submitted / Approved	Repository Construction Started	Waste Emplacement Started
 CANADA Site, Location Name: To be determined	2002	2010	2024 ⁵			
 GERMANY Site, Location Name: To be determined	2013	2017	2046-2068 ⁶			
 JAPAN Site, Location Name: To be determined	2000	2002	2030			
 UNITED KINGDOM Site, Location Name: To be determined	2008	2020	2035-2040			
 REPUBLIC OF KOREA Site, Location Name: To be determined	UNDECIDED	2016	2028			
 SPAIN Site, Location Name: To be determined	2023 ⁷	2029 ⁷				
 BELGIUM Site, Location Name: To be determined	2022	UNDECIDED				

 Progress of the country program
 Estimated time frame

REFERENCES:

5. <https://www.nwmo.ca/Site-selection>
6. <https://www.sandia.gov/app/uploads/sites/137/2024/03/13th-US-German-Workshop-Proceedings-SAND2024-02255R.pdf>
7. https://www.enresa.es/documentos/20231227%20PGRR%207_Version%20%2027%20diciembre%202023.pdf



STATUS OF REPOSITORY PROGRAMS FOR DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH-LEVEL RADIOACTIVE WASTE*

This table presents the progress of national nuclear waste disposal programs in various countries, summarized at a high level and focusing on when primary milestones were reached

National Law / Policy for the Current Repository

Site Selection Process Started

Site Selected

Construction License Application Submitted / Approved

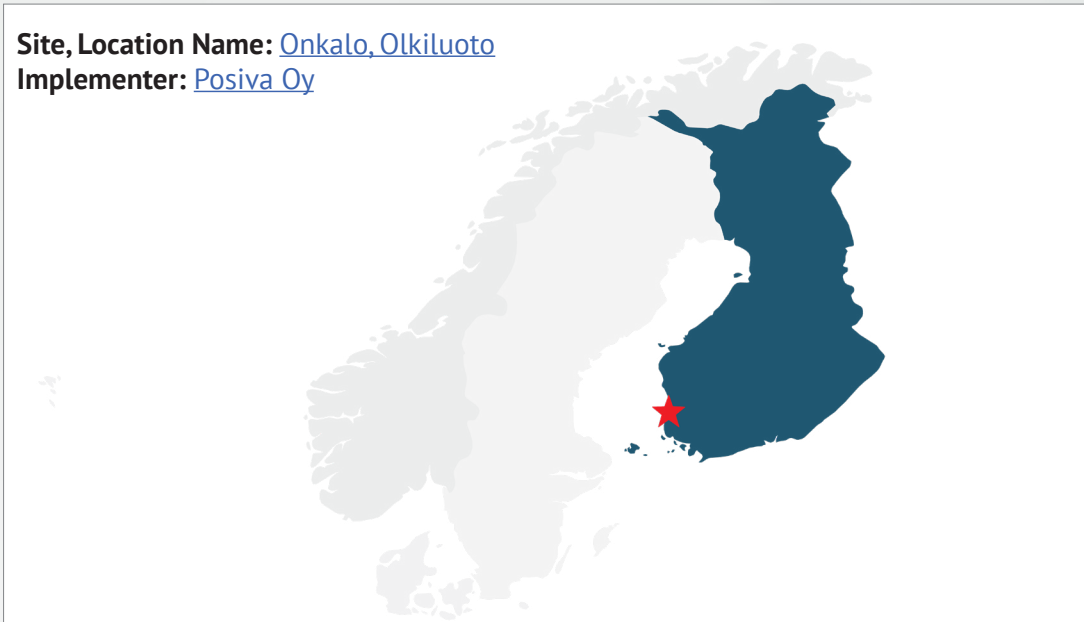
Repository Construction Started



Waste Emplacement Started

FINLAND



Site, Location Name: [Onkalo, Olkiluoto](#)
 Implementer: [Posiva Oy](#)



 Progress of the country program
 Estimated time frame

FOOTNOTES:

*Information in this table is derived from the [NWTRB Report](#) titled 'Survey of National Programs for Managing High-Level Radioactive Waste and Spent Nuclear Fuel: 2022 Update' unless otherwise noted.

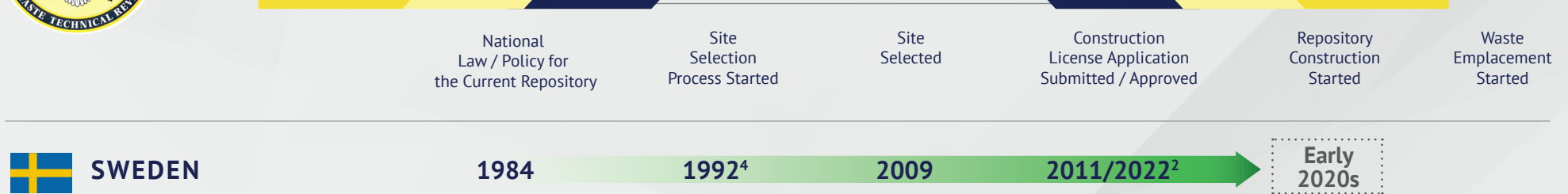
REFERENCES:

1. https://assets.publishing.service.gov.uk/media/5a815d7ee5274a2e87dbd3c0/Overview_of_international_siting_processes_September_2013.pdf





STATUS OF REPOSITORY PROGRAMS FOR DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH-LEVEL RADIOACTIVE WASTE*

This table presents the progress of national nuclear waste disposal programs in various countries, summarized at a high level and focusing on when primary milestones were reached



Site, Location Name: [Forsmark, Osthhammer](#)
Implementer: [Swedish Nuclear Fuel and Waste Management Company](#)



 Progress of the country program
 Estimated time frame

FOOTNOTES:

*Information in this table is derived from the [NWTRB Report](#) titled 'Survey of National Programs for Managing High-Level Radioactive Waste and Spent Nuclear Fuel: 2022 Update' unless otherwise noted.

REFERENCES:

4. <https://nagra.ch/wp-content/uploads/2022/09/Report-the-site-for-the-deep-geological-repository-Nagras-proposal.pdf>



STATUS OF REPOSITORY PROGRAMS FOR DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH-LEVEL RADIOACTIVE WASTE*

This table presents the progress of national nuclear waste disposal programs in various countries, summarized at a high level and focusing on when primary milestones were reached

National Law / Policy for the Current Repository

Site Selection Process Started

Site Selected

Construction License Application Submitted / Approved

Repository Construction Started

Waste Emplacement Started



FRANCE

1991

1993¹

2005³

2023/2027⁵

Site, Location Name: [Cigéo, Bure](#)
Implementer: [National Agency for Radioactive Waste Management](#)



■ Progress of the country program
□ Estimated time frame

FOOTNOTES:

*Information in this table is derived from the [NWTRB Report](#) titled 'Survey of National Programs for Managing High-Level Radioactive Waste and Spent Nuclear Fuel: 2022 Update' unless otherwise noted.

REFERENCES:

3. <https://international.andra.fr/sites/international/files/2023-01/CigeoMag%20UK.pdf>



STATUS OF REPOSITORY PROGRAMS FOR DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH-LEVEL RADIOACTIVE WASTE*

This table presents the progress of national nuclear waste disposal programs in various countries, summarized at a high level and focusing on when primary milestones were reached

National Law / Policy for the Current Repository

Site Selection Process Started

Site Selected

Construction License Application Submitted / Approved

Repository Construction Started

Waste Emplacement Started



SWITZERLAND

2003

2008

2022

2024⁴

Site, Location Name: [Nördlich Lägern, Stadel](#)
 Implementer: [National Cooperative for the Disposal of Radioactive Waste](#)



■ Progress of the country program
 Estimated time frame

FOOTNOTES:

*Information in this table is derived from the [NWTRB Report](#) titled 'Survey of National Programs for Managing High-Level Radioactive Waste and Spent Nuclear Fuel: 2022 Update' unless otherwise noted.

REFERENCES:

4. <https://nagra.ch/wp-content/uploads/2022/09/Report-the-site-for-the-deep-geological-repository-Nagras-proposal.pdf>



STATUS OF REPOSITORY PROGRAMS FOR DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH-LEVEL RADIOACTIVE WASTE*

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National Law / Policy for the Current Repository

Site Selection Process Started

Site Selected

Construction License Application Submitted / Approved

Repository Construction Started

Waste Emplacement Started



UNITED STATES

1982

1983

2002

2008**

Site, Location Name: [Yucca Mountain, Nevada](#)
 Implementer: [U.S. Department of Energy](#)



- Progress of the country program
- Estimated time frame
- Suspended/not being funded

FOOTNOTES:

*Information in this table is derived from the [NWTRB Report](#) titled 'Survey of National Programs for Managing High-Level Radioactive Waste and Spent Nuclear Fuel: 2022 Update' unless otherwise noted.

** The Yucca Mountain repository project is not being funded; the NRC licensing process has been suspended.



STATUS OF REPOSITORY PROGRAMS FOR DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH-LEVEL RADIOACTIVE WASTE*

This table presents the progress of national nuclear waste disposal programs in various countries, summarized at a high level and focusing on when primary milestones were reached

National Law / Policy for the Current Repository

Site Selection Process Started

Site Selected

Construction License Application Submitted / Approved

Repository Construction Started

Waste Emplacement Started



CHINA

2003

2013

2020



Site, Location Name: [Beishan, Gansu Province](#)
Implementer: [China Atomic Energy Authority](#) and [China National Nuclear Corporation](#)



Progress of the country program

FOOTNOTES:

*Information in this table is derived from the [NWTRB Report](#) titled 'Survey of National Programs for Managing High-Level Radioactive Waste and Spent Nuclear Fuel: 2022 Update' unless otherwise noted.



STATUS OF REPOSITORY PROGRAMS FOR DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH-LEVEL RADIOACTIVE WASTE*

This table presents the progress of national nuclear waste disposal programs in various countries, summarized at a high level and focusing on when primary milestones were reached

National Law / Policy for the Current Repository

Site Selection Process Started

Site Selected

Construction License Application Submitted / Approved

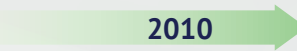
Repository Construction Started

Waste Emplacement Started



CANADA

2002



2010

2024⁵

Site, Location Name: To be determined

Implementer: [Nuclear Waste Management Organization](#)



■ Progress of the country program

□ Estimated time frame

FOOTNOTES:

*Information in this table is derived from the [NWTRB Report](#) titled 'Survey of National Programs for Managing High-Level Radioactive Waste and Spent Nuclear Fuel: 2022 Update' unless otherwise noted.

REFERENCES:

5. <https://www.nwmo.ca/Site-selection>



STATUS OF REPOSITORY PROGRAMS FOR DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH-LEVEL RADIOACTIVE WASTE*

This table presents the progress of national nuclear waste disposal programs in various countries, summarized at a high level and focusing on when primary milestones were reached

National Law / Policy for the Current Repository

Site Selection Process Started

Site Selected

Construction License Application Submitted / Approved

Repository Construction Started

Waste Emplacement Started



GERMANY

2013

2017

2046-2068⁶

Site, Location Name: To be determined

Implementer: [Federal Company for Radioactive Waste Disposal](#)



■ Progress of the country program

 Estimated time frame

FOOTNOTES:

*Information in this table is derived from the [NWTRB Report](#) titled 'Survey of National Programs for Managing High-Level Radioactive Waste and Spent Nuclear Fuel: 2022 Update' unless otherwise noted.

REFERENCES:

6. <https://www.sandia.gov/app/uploads/sites/137/2024/03/13th-US-German-Workshop-Proceedings-SAND2024-02255R.pdf>



STATUS OF REPOSITORY PROGRAMS FOR DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH-LEVEL RADIOACTIVE WASTE*

This table presents the progress of national nuclear waste disposal programs in various countries, summarized at a high level and focusing on when primary milestones were reached

National Law / Policy for the Current Repository

Site Selection Process Started

Site Selected

Construction License Application Submitted / Approved

Repository Construction Started

Waste Emplacement Started



JAPAN

2000

2002

2030

Site, Location Name: To be determined

Implementer: [Nuclear Waste Management Organization of Japan](#)



■ Progress of the country program

□ Estimated time frame

FOOTNOTES:

*Information in this table is derived from the [NWTRB Report](#) titled 'Survey of National Programs for Managing High-Level Radioactive Waste and Spent Nuclear Fuel: 2022 Update' unless otherwise noted.



STATUS OF REPOSITORY PROGRAMS FOR DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH-LEVEL RADIOACTIVE WASTE*

This table presents the progress of national nuclear waste disposal programs in various countries, summarized at a high level and focusing on when primary milestones were reached

National Law / Policy for the Current Repository

Site Selection Process Started

Site Selected

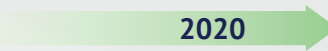
Construction License Application Submitted / Approved

Repository Construction Started

Waste Emplacement Started

UNITED KINGDOM

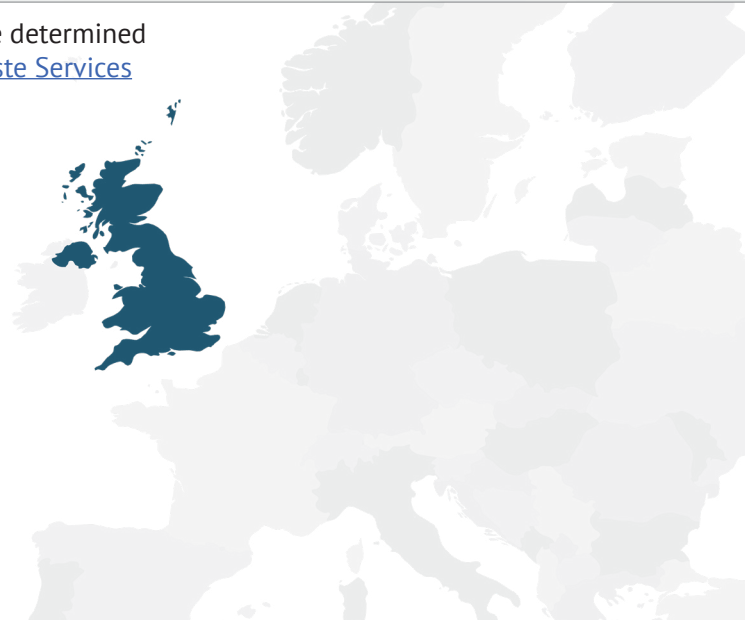
2008





2020

2035-2040

Site, Location Name: To be determined
Implementer: [Nuclear Waste Services](#)



-  Progress of the country program
-  Estimated time frame

FOOTNOTES:

*Information in this table is derived from the [NWTRB Report](#) titled 'Survey of National Programs for Managing High-Level Radioactive Waste and Spent Nuclear Fuel: 2022 Update' unless otherwise noted.



STATUS OF REPOSITORY PROGRAMS FOR DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH-LEVEL RADIOACTIVE WASTE*

This table presents the progress of national nuclear waste disposal programs in various countries, summarized at a high level and focusing on when primary milestones were reached

National Law / Policy for the Current Repository

Site Selection Process Started

Site Selected

Construction License Application Submitted / Approved

Repository Construction Started

Waste Emplacement Started



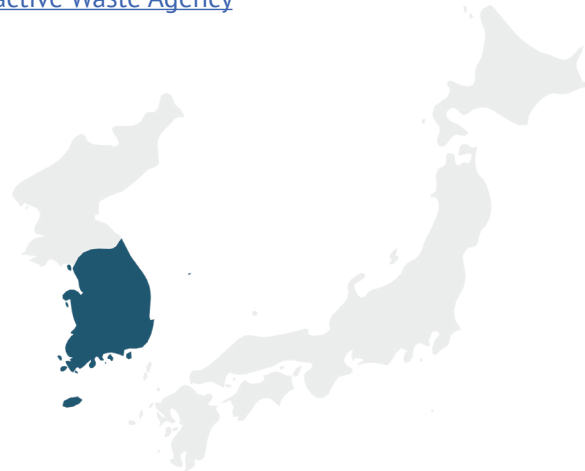
REPUBLIC OF KOREA

UNDECIDED

2016

2028

Site, Location Name: To be determined
Implementer: [Korea Radioactive Waste Agency](#)



- Progress of the country program
- Estimated time frame

FOOTNOTES:

*Information in this table is derived from the [NWTRB Report](#) titled 'Survey of National Programs for Managing High-Level Radioactive Waste and Spent Nuclear Fuel: 2022 Update' unless otherwise noted.



STATUS OF REPOSITORY PROGRAMS FOR DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH-LEVEL RADIOACTIVE WASTE*

This table presents the progress of national nuclear waste disposal programs in various countries, summarized at a high level and focusing on when primary milestones were reached

National Law / Policy for the Current Repository

Site Selection Process Started

Site Selected

Construction License Application Submitted / Approved

Repository Construction Started

Waste Emplacement Started



SPAIN

2023⁷ →

2029⁷

Site, Location Name: To be determined
Implementer: [Spanish Radioactive Waste Management Agency](#)



- Progress of the country program
- Estimated time frame

FOOTNOTES:

*Information in this table is derived from the [NWTRB Report](#) titled 'Survey of National Programs for Managing High-Level Radioactive Waste and Spent Nuclear Fuel: 2022 Update' unless otherwise noted.

REFERENCES:

7. https://www.enresa.es/documentos/20231227%20PGRR%207_Version%20%2027%20diciembre%202023.pdf



STATUS OF REPOSITORY PROGRAMS FOR DISPOSAL OF SPENT NUCLEAR FUEL AND HIGH-LEVEL RADIOACTIVE WASTE*

This table presents the progress of national nuclear waste disposal programs in various countries, summarized at a high level and focusing on when primary milestones were reached

National Law / Policy for the Current Repository

Site Selection Process Started

Site Selected

Construction License Application Submitted / Approved

Repository Construction Started


Waste Emplacement Started

 **BELGIUM**

2022  **UNDECIDED**

Site, Location Name: To be determined
Implementer: [National Agency for Radioactive Waste and Enriched Fissile Materials](#)



 Progress of the country program

FOOTNOTES:

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