



BUNDESGESELLSCHAFT  
FÜR ENDLAGERUNG

# BGE

The federal company for radioactive waste disposal



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### Bundes-Gesellschaft für Endlagerung mbH (BGE)

Eschenstraße 55  
31224 Peine, Germany  
T +49 5171 43-0  
poststelle@bge.de

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Stefan Studt (Chairman)  
Beate Kallenbach-Herbert  
Steffen Kanitz  
Dr. Thomas Lautsch  
Chairman of the Supervisory Board:  
State Secretary Jochen Flasbarth

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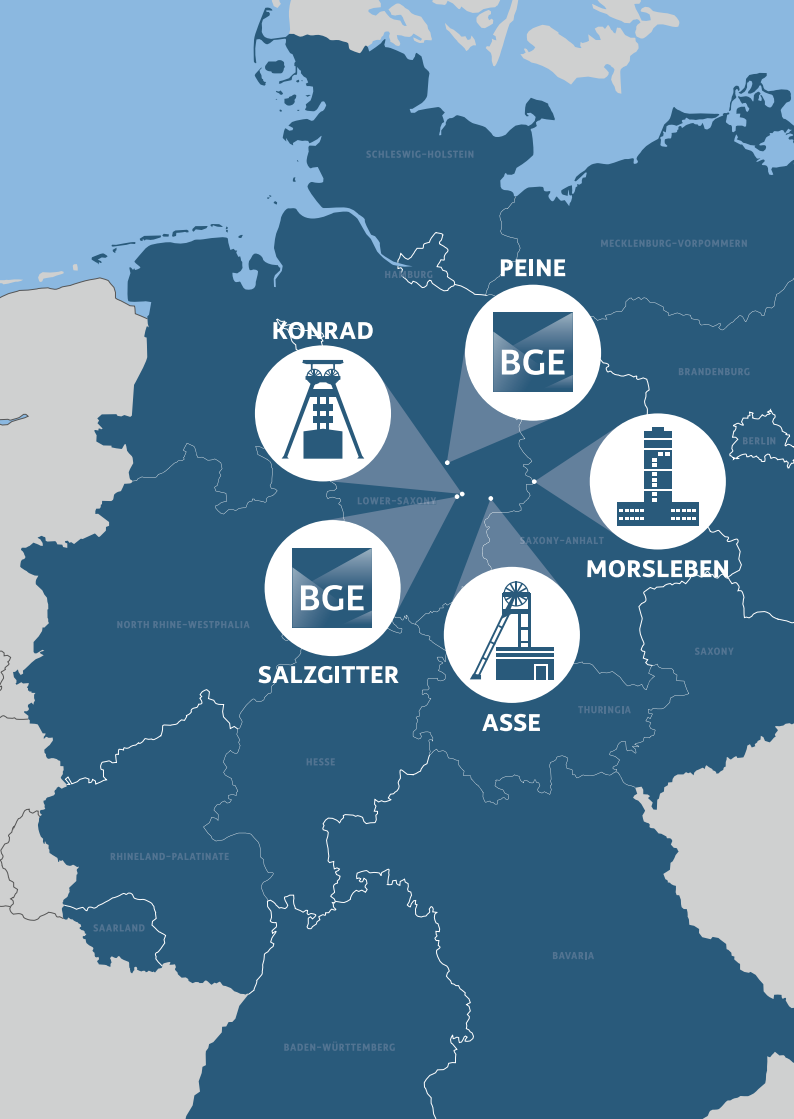


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**ASSE**

# BGE



BGE  
BUNDEGESELLSCHAFT  
FÜR ENTLASERUNG



We are searching for a safe repository for high-level radioactive waste across Germany. Apart from this, we operate the Asse II mine, the Konrad and Morsleben repositories and the Gorleben minesite.

BGE is organised under private law. The sole shareholder is the Federal Government.

A Supervisory Board monitors our operations.

BGE is currently being set up.

A state fund, which received roughly 24 billion euros from the energy supply companies, finances almost 50 percent of our work. The operation of the Asse II mine and the Morsleben repository is financed exclusively from taxes.

## More information

[www.bge.de/en](http://www.bge.de/en)



Who we are



Almost 1,900 BGE employees work for us every day.

We are faced with one of the biggest challenges of our time and we will do our very best to solve it. To this end, professionals from various disciplines work together at BGE. This includes radiation protection experts, mining and geology professionals, engineering and business specialists.

Powered by curiosity, a pioneering spirit and a willingness to change, we want to break new grounds. We will not only tackle the technical challenges but also get involved in the public debate.

We strive for openness and transparency.

# Radioactive waste





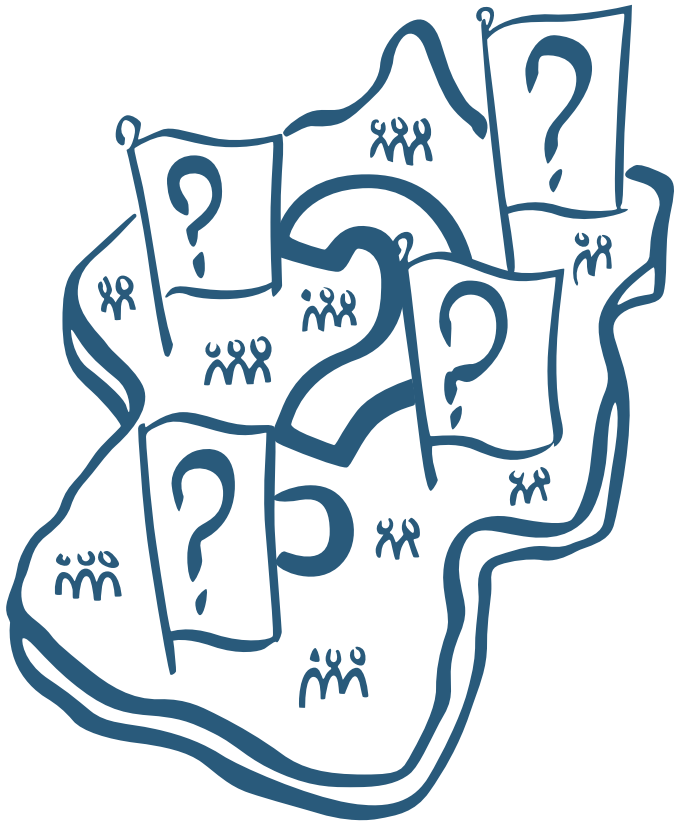
Radioactive waste arises from the operation of nuclear power plants, but also from applications in research, industry, and medicine. We distinguish low and intermediate-level radioactive waste and high-level radioactive waste.

Almost 90 percent of the total volume is low and intermediate-level waste. However, 99 percent of the total radioactivity is contained in the high-level waste.

Radioactive substances can pose a threat to the environment and human health for a very long period of time. According to the state-of-the-art of science and technology, the required long-term safety can only be guaranteed by emplacing the radioactive waste in deep geological formations.

At the moment, the waste is kept in interim storage facilities. An operational repository does not yet exist.

# Site search



The search for a repository site is our latest project. Our aim is to find a safe repository site for mainly high-level radioactive waste. It must be safe for a million years, as stipulated in the Site Selection Act.

We explore potential sites in a step-by-step process. In the end, we will have found the best possible location. The search is carried out by means of a science-based and transparent procedure.

The Gorleben mine will be kept open until any decisions are taken in the framework of the procedure.

The Site Selection Act also stipulates full participation by the public. The Federal Office for the Safety of Nuclear Waste Management (BASE) will essentially be responsible for involving the public.

### **More information**

[www.bge.de/en/sitesearch](http://www.bge.de/en/sitesearch)

[www.base.bund.de/EN](http://www.base.bund.de/EN)

# Asse II mine



Retrieving the waste from the Asse II mine is a complex and difficult project on the technical level.

The Asse II mine is located in the state of Lower Saxony. From 1967 to 1978, low and intermediate-level radioactive waste was emplaced in the salt mine. Since 1988, groundwater seeps into the mine.

Now it is our job to retrieve the radioactive waste. To this end, we explore the emplacement chambers and plan the technical implementation of the retrieval. We are still searching for locations for a new shaft and the required interim storage facility. At the same time, we stabilise the mine and take precautions against possible flooding.

It is not yet clear where the waste will finally be emplaced.

## **More information and visits**

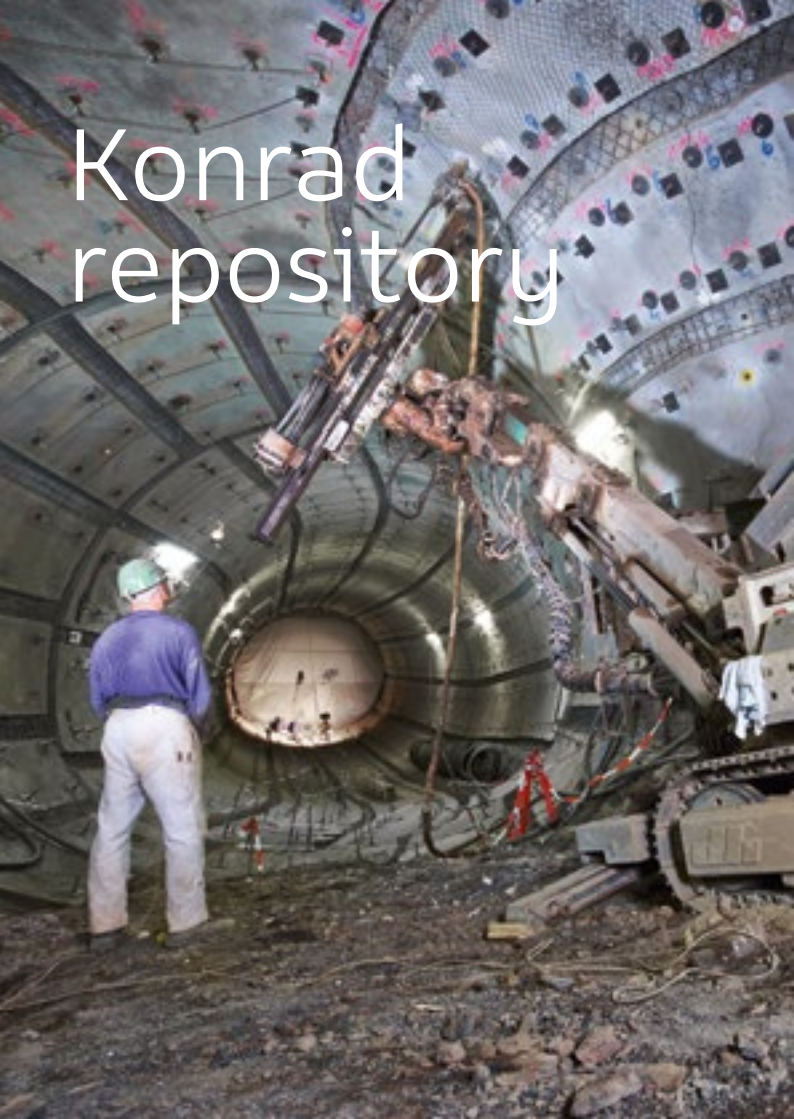
ASSE INFO CENTRE

T +49 5336 9489007

info-asse@bge.de

[www.bge.de/en/asse](http://www.bge.de/en/asse)

# Konrad repository



The construction of the Konrad repository represents a first milestone in the disposal of nuclear waste.

Up to 303,000 cubic metres of low and intermediate-level radioactive waste are scheduled for emplacement in the former Konrad iron ore mine in Lower Saxony.

We are currently working on the development of the Konrad repository.

In this context, we erect new buildings on the premises, refurbish the shafts and build transportation and emplacement galleries below ground.

All operations are performed according to the state-of-the-art of science and technology.

Subsequently, we will be responsible for operating the repository.

## **More information and visits**

KONRAD INFO CENTRE

T +49 5341 4016050

[info-konrad@bge.de](mailto:info-konrad@bge.de)

[www.bge.de/en/konrad](http://www.bge.de/en/konrad)

# Morsleben repository





We would like to use the Morsleben project to demonstrate that a repository can be safely decommissioned.

The Morsleben repository is located in Saxony-Anhalt. It used to be the central repository for low and intermediate-level waste in East Germany. Even after the German reunification, it was used as a repository for nuclear waste until 1998.

We keep the mine open until decommissioning is approved. Presently, we are revising the plans for its decommissioning. We also have to prove that the envisaged sealing structures will be effective once the mine is decommissioned.

After the approval, the implementation of the decommissioning measures will take approximately 15 to 20 years.

## **More information and visits**

MORSLEBEN INFO CENTRE

T +49 39050 979931

[info-morsleben@bge.de](mailto:info-morsleben@bge.de)

[www.bge.de/en/morsleben](http://www.bge.de/en/morsleben)

# Join the discussion



Visit one of our three info centres and find out more about the Asse II mine and the Konrad und Morsleben repositories. We are keen to answer your questions and to discuss all our projects. Questions about the site selection procedure can also be answered in the info centres.

If it is not possible for you to visit our info centres, we are happy to visit you or to answer your questions by telephone or e-mail.

## Mine tours

If you wish to see the mines for yourself, we offer the possibility to take a tour in the individual mines. Please contact the respective info centre to register for a public tour.

## Contact

Public relations

T +49 5171 43 3333

[dialog@bge.de](mailto:dialog@bge.de)

[www.bge.de/en/info-centres](http://www.bge.de/en/info-centres)

