

# UTES Framework in Austria

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# UTES Policies in Austria



 Republik Österreich

**Jetzt das  
Richtige tun.**

Für Österreich.

## Government Programme 2025

The federal government is committed to a **transformation of the energy system that fully leverages all technological possibilities and business models** to ensure competitiveness and the long-term stability of Austria as a business and industrial location, while also taking into account the interests of citizens.

### **Important measures:**

- Advancing the energy transition by accelerating the **permitting of energy transition and energy infrastructure projects**
- Implementing the **Renewable Energy Directive (RED) III** rapidly on the national level

# UTES Policies in Austria



 Bundesministerium  
Klimaschutz, Umwelt,  
Energie, Mobilität,  
Innovation und Technologie

## Integrierter nationaler Energie- und Klimaplan für Österreich

Periode 2021-2030

Aktualisierung gemäß Artikel 14 der Verordnung (EU) 2018/1999 des Europäischen Parlaments und des Rates über das Governance-System für die Energieunion und für den Klimaschutz

Stand: 3. Dezember 2024 (finaler Plan)

## National Energy and Climate Plan 2024

**(Thermal) energy storage systems** are recognized as a **key instrument for achieving multiple strategic goals**, including:

- Increasing system flexibility
- Strengthening the security of energy supply
- Supporting climate change adaptation
- Reducing dependence on energy imports
- Diversifying the energy mix

**Public funding** is allocated for (thermal) energy storage systems, covering both **research & development (R&D) and implementation**.

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## Energy Research Programme 2025

by the Austrian Climate and Energy Fund

**R&D programme** that funds the development of new energy technologies and components plus system integration.

Most relevant Priority Areas:

- **1. Energy generation and storage technologies**
- **3. System design and operation of flexible, integrated and climate-friendly energy systems**



**Call currently open!**

1st Deadline: 25.06.2025, 12:00 (CEST) for priority areas 1 to 5 and 7

2nd Deadline: 12.11.2025, 12:00 (CEST) for priority areas 1 to 6



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## (Thermal) Energy Storage Programme 2024

by the Austrian Climate and Energy Fund

**Implementation programme** that funded:

- Heat storage systems with a storage capacity of 250 MWh or more for the optimization of climate-friendly district heating networks with an existing decarbonization pathway or for highly efficient district heating networks.
- System-beneficial electricity storage systems with a net storage capacity of more than 1 MWh.



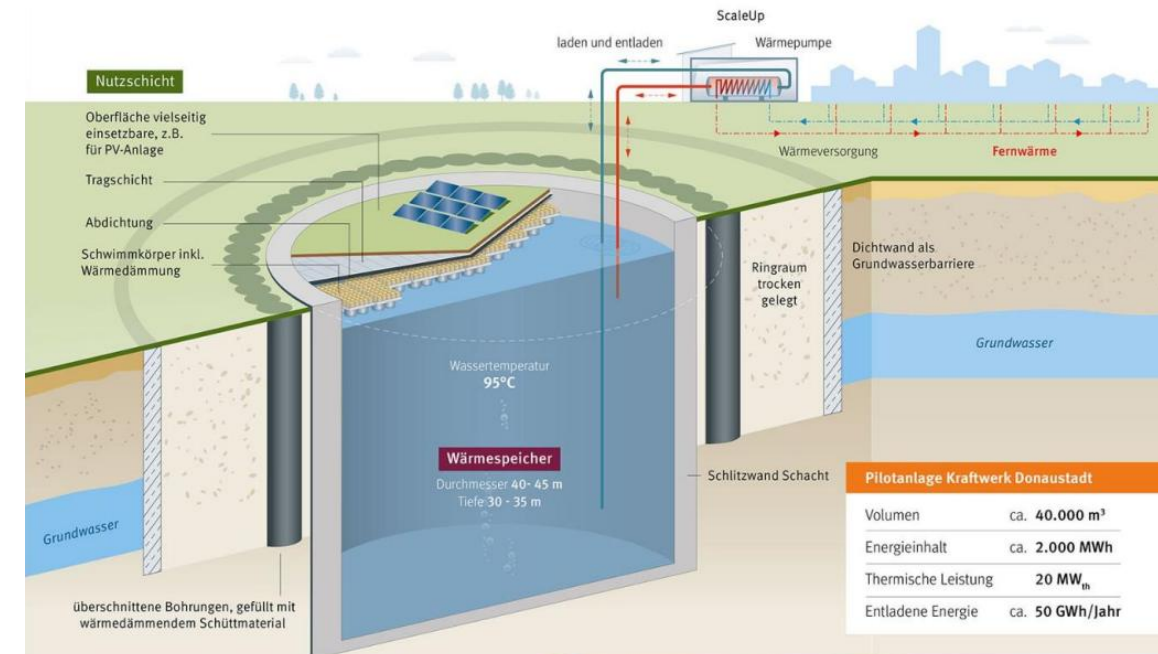
# UTES Good Practice Examples

## Selected ongoing and completed R&D projects

- **SPuRM: Storage Potential of Underground Rock Mass**  
Funding Programme: [Energy Research Programme](#) – ongoing until 12/2027
- **ATESREF: Aquifer Thermal Energy Storage and Reinjection – Case Study Fürstenfeld**  
Funding Programme: [Energy Research Programme](#) – ongoing until 09/2027
- **HEATROCK: Cavern Thermal Energy Storage in Crystalline Rocks**  
Funding Programme: [Energy Research Programme](#) – ongoing until 08/2027
- **ScaleUp: The first urban underground large-scale water heat storage system**  
Funding Programme: [Energy Model Regions](#) – ongoing until 01/2026
- **ATES Vienna: Aquifer Thermal Energy Storage Vienna**  
Funding Programme: [Energy Model Regions](#) – completed 12/2024
- **giga\_TES: Giga-Scale Thermal Energy Storage for Renewable Districts**  
Funding Programme: [Energy Research Programme](#) – completed 08/2021

## Selected implementation project

- **ScaleUp: Heat Storage Vienna**  
Funding Programme: [European Innovation Fund](#)



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# Thank you!

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