



Project name: DOI460

Technology: NuScale VOYGR™

Installed capacity: 6 x 77 MWe

Location: Doicești, a former coal plant, RO

Selected Owner's Engineer: Tűv Sud

Jan-Dec 2025

Organizational chart & recruitment has been developed

March 2025

Environmental Studies started - Radiological and non-radiological baseline survey started

May 2025

IAEA Site and External Events Design (SEED) ADVISORY MISSION on Site Evaluation for the Deployment of a Small Modular Reactor in Romania

August 2025

Initial geotechnical study for site lithology completed

October 2025

ISAR Rev. 0 sent to National Regulatory Body (CNCAN)

Dec 2025

Feasibility Study completed

Q1 2026

Shareholders approval of Final Investment Decision



Social and economic impact

Project calendar



FOAK challenge: First of a kind experience sharing, testing validation before implementation



Scalability: It can be installed 1-6 - 12 modules depending on demand, and built on different sites.



Regional Training Hub: Exploring the potential of opening manufacturing hub for NuScale components potential to develop the region's workforce for SMR operation



Supply chain: Exploring the potential of opening manufacturing hub for NuScale components in the UE.



Grid Flexibility: Suitable to integrate into small grids or replace retiring coal plants.



Use of infrastructure: The SMRs can be located on the site of the former thermal power plants (e.g. Doicești), using the existing high-voltage lines and water sources



Net-zero greenhouse gas emissions: Avoiding the production of 4 million tons of CO2/year, in SMR Doicești Project