

## LONG-TERM FRAMEWORK AGREEMENT WITH SÚRAO

The Czech Radioactive Waste Repository (SÚRAO) is a state organisation established by the Ministry of Industry and Trade of the Czech Republic. SÚRAO is responsible for the safe final disposal of all radioactive waste in the Czech Republic. Posiva Solutions has been supporting SÚRAO since 2016.



### 21 PROJECTS ARE CARRIED OUT UNDER A LONG-TERM FRAMEWORK AGREEMENT

1. Joint Advisory Group for the Framework Agreement
2. Update of the Czech deep geological repository (DGR) implementation programme
3. Preliminary safety case and supporting safety assessment for the Kraví hora site
4. Development of data management in the DGR project
5. Update and implementation plan of the communication strategy
6. Site investigation strategy
7. Principles of the DGR site selection criteria application
8. Recommendations for SÚRAO's research and development of engineered barriers
9. Borehole information systems comparison and selection
10. Review and recommendation for Czech DGR design
11. Posiva Flow Log fracture location and flow measurements in a borehole
12. Communication strategy implementation and support in stakeholder engagement
13. Cost estimation for a deep geological repository
14. Review of SÚRAO's research and development plan
15. Recommendations for the monitoring and experimental programme concerning the Bukov URF (*Underground Research Facility*) enlargement excavation process
16. Impact of the evolution of the geosphere on radionuclide transport from the DGR to the biosphere
17. Design basis guidelines for the DGR
18. Advice on the organisational development of the DGR project
19. State-of-the-art study of engineered barrier systems in different countries
20. Application of Posiva's Rock Suitability Criteria in SÚRAO's operations
21. Posiva Flow Log fracture location and flow measurements in an underground borehole

### DELIVERED CLIENT VALUE

As a result of this comprehensive support SÚRAO has gained versatile benefits on a strategic level, in site selection process, site investigation preparations, DGR technology, design and development, cost assessment and optimisation, organisational development as well as in communications and stakeholder engagement.