

# Project: RØDBERG DAM

**LOCATION:**  
Nore og Uvdal county

**YEAR:**  
2017-2018

**CLIENT:**  
Statkraft

**SCOPE/PHASE:**  
Technical plan

**PROJECT RESPONSIBLE:**  
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## PROJECT DESCRIPTION:

Assessment of alternatives for strengthening of dam Rødberg. A technical plan is developed for the preferred alternative. Nonlinear analyses are carried out to capture the correct behavior of the dam. The analyses are calibrated against measurements of deformation, water level, water- and air temperature.

Key figures:

- Consequence class: 2
- Length: 140 m
- Height: 25 m
- Type: Concrete plate supported by concrete pillars

Total project cost about 140 MNOK

