

Project:

LONGYEARBYEN GLOBAL SEED VAULT

LOCATION:

Longyearbyen

YEAR:

2017-2018

CLIENT:

Statsbygg

SCOPE/PHASE:

Concept design, detail design and follow up

PROJECT RESPONSIBLE:

Knut-Ola Lunde (kol@olavolsen.no)



Project description:

The Longyearbyen Global Seed Vault was established in 2008 with one active vault out of the three made in the mountain. In addition, Statsbygg has had some difficulties with water in the entrance tunell since the beginning. The project for Olav Olsen has been to evaluate the existing facility and suggest a new solution to Statsbygg. The suggested solution was to remove the existing tunell and construct a new tunell in pre-tensioned concrete. A new structure on the outside to house technical installations and office facilities are also included.

After the suggested solution was acceptet by Statsbygg it was detailed by Olav Olsen. The scope also included follow-up on the construction site in Longyearbyen and at the steel and concrete element factories.