

Project:

ARENA ULSTEIN

LOCATION:

Ulsteinvik, Westcoast, Norway

YEAR:

2011-2016

CLIENT:

Ulstein Municipality

SCOPE/PHASE:

All phases from feed to construction site follow-up

PROJECT RESPONSIBLE:

Tor Egil Roheim (ter@olavolsen.no)



PROJECT DESCRIPTION:

Arena Ulstein is a new gathering place for sports and activity for all residents of Ulsteinvik. The facility includes sports hall, climbing hall, swimming pool, fitness center, library and underground parking. Total 9000m²

Carrying structures in general in cast concrete. Bearing system for sports hall constructed with glue constructions. Swimming pool in concrete with load bearing steel roof. This project has been challenging in view of vibration / swing in sports halls and driving / parking patterns in parking lots, as well as adaptation of support systems for areas with a wide range of applications.

Details of swimming facilities with special focus on solutions with regard to operation, durability and lifetime. Choice of materials and detailed design with regard to life costs and the environment.