

who has got energy for life?

customer Maskinmeistaraskúlin, Tórshavn
project College

The principle industries on the Faroes are fishing and shipping therefore the Marine Engineering college in Torshavn, Maskinmeistaraskulin, is vital to the education and training for the young people of this small sea faring population.

The islands are situated between Denmark and Iceland and surrounded by the vast Atlantic Ocean, there are no tall buildings and very few signs of any trees. Although incredibly beautiful in the Summer months, the Islands out of season are often hit by violent squalls and so any man-made structure have to be built to withstand regular hurricane speed winds.

The photovoltaic array we installed in 2007 has been designed specifically for the fierce environment of the Faroes and is proving to be very reliable, the structure is designed so that the panels can be tilted to maximise the amount of electricity that can be generated from the very high sun angle of the Summer and the very low sun angle of the winter.



solar photovoltaic solutions

Freestanding array
with tilting mechanism

area (sqm)

36

size (kW)

4.5

project details

Type of building

College

Date completed

2007

Location

Tórshavn, Faroe Islands

carbon saved / energy generated

Annual carbon saving

1.2 tonnes

Lifetime carbon saving

40.6 tonnes

Annual energy generated

2700 kWh

For further information on other innovative ways of incorporating renewable energy in your building see our Solution Sheets.