

Vigo's University Public Library

General Information:

- ✓ 3.300 m² university public library with heating and cooling demand.
- ✓ Fancoils and air ducts (heating at 52°C and cooling at 8°C).
- ✓ Replaced System: 2 Air-Water heat pumps and diesel boiler.

Installation done:

- ✓ 3 x GSHP 60 kW
- ✓ Installed power: 180 kW
- ✓ Vertical geothermal collector in closed circuit with 33 wells of 100 m deep each.



Performance and results:

INDICATOR	UNIT	ANNUAL AVERAGE
COP / EER	-	3,37 / 3,66
GSHP saving vs Replaced system	€/year	12.875
GSHP saving vs Replaced system	tCO2/year	31,6

