

Chateau Pontet-Canet, GSHP

General Information:

- ✓ Owner: Chateau Pontet-Canet
- ✓ Architect: Agence de l'Arsenal
- ✓ Design office: Enerbat
- ✓ Surface 5 850 m²
- ✓ New and renovated buildings
- ✓ Specific and heterogeneous needs (housing, wine cellar, storage, office...)

Energy from wastewater focus:

- ✓ 3 ground source heat pumps
- ✓ Power installed: 292 kW heat and 154 kW cold
- ✓ For services purpose 67 vertical probes at 100 m depth
- ✓ For housing purpose 6 probes at 60 m depth



Performance and results:

INDICATOR	UNIT	ANNUAL AVERAGE
Heating needs	MWh/an	841,6
Cold needs	MWh/an	292,3
DHW needs	MWh/an	94
Total investment	M€	1.144
Total subsidies	k€	429

