

# ENERGY PARK Scala house

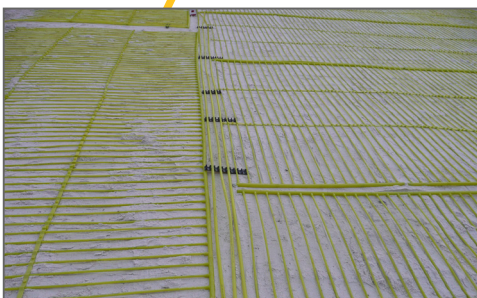
Innsbruck, Austria



TRADE

Public Building

The residential energy park presents energy efficient solutions for house builders. In constructing the “Scala” kitchen studio, the opportunity was created to showcase an EnergyManagementSystem to the public. This building is tempered by the system via an underfloor heating system and chilled ceilings. A photovoltaic system (5 kWp) integrated into the south-facing wall makes this building energy-neutral. The system can be monitored via Web-Control and offers interested parties further detailed information through a touch panel inside the showroom.



## Project data

Object type	Public building
Year of construction:	2010
Gross floor area (GFA):	300 m <sup>2</sup>
System:	Geo-solar thermal, EMS with geothermal store (brine)
Completion:	2010
Use:	Heating, DHW, cooling
Main components:	EMS heat pump 14 kW, solar thermal system 10 x IS-PRO 2Q, geothermal brine source
Energy savings per year:	25,000 kWh/year
Reduction in CO <sub>2</sub> emissions per year:	6,000 kg CO <sub>2</sub> /year
Regenerative portion of energy demand:	100 %