

24 m² CPC evacuated tube system at Lifetime Lab, Cork



Solar Water Heating

How does it work?

Solar energy in conjunction with cutting-edge heating technology provides a cost-effective solution to fight climate change and reduce dependency on imported, polluting & expensive fossil fuels.

The solar collectors are providing a large percentage of space heating demand of the centre throughout the year feeding into a 1500 l buffer tank as a heat store for the under-floor heating system.

Two geo-thermal heat pumps and a gas boiler provide back-up to the solar system.

Project Information

- 6 x CPC 21 evacuated tube solar collectors
 - 1500 l buffer heat store
- Under-floor heating throughout the centre
- Back-up provided by geo-thermal heat pumps and gas boiler

