

# EARTHENERGY™



## Design and media centre



An EarthEnergy™ system has been installed in the new Digital Media Centre at the Falmouth College of Arts. Due to the large amount of IT equipment and high intensity lighting installed in the building there was a substantial cooling requirement.

An EarthEnergy™ system was specified to contribute towards the overall cooling requirement of the building.

The EarthEnergy™ system designed by GeoScience Limited provides up to 40kW of cooling to the building. Six individual ground loops are installed in 75 metre deep boreholes to provide the cooling element required by the system.

The ground loop installation and heat pump were commissioned in October 2001 and the building was then later officially opened by HRH Prince Andrew Duke of York.

<b>Ground Loop</b>	<b><i>6 x 75 metre boreholes</i></b>
<b>Heat Pump</b>	<b><i>84 kilowatt Cosfi</i></b>
<b>Distribution System</b>	<b><i>Ducted air</i></b>
<b>Client</b>	<b><i>Falmouth College of Arts</i></b>
<b>Mechanical &amp; Electrical</b>	<b><i>Mite Engineering Services</i></b>
<b>Commissioned</b>	<b><i>October 2001</i></b>