



Heat pump helps create warm and welcoming community hub

A new village hall in Trimingham, North Norfolk, has created a warm and welcoming hub for the community, thanks to a ground source heat pump installed by Finn Geotherm.

Trimingham Village Hall opened in 2018. The previous facilities were a 1930s pilgrim shelter, which is located close to the cliff edge and due to coastal erosion would only have 20 – 30 years more use. The old hall had electric heating which was ineffective and expensive to run.

Terry Brown, chairman of the Trimingham Village Hall Trust, said: “When we set out to build the new village hall, we wanted to create a space that everyone could enjoy. We also wanted it to be green and follow as many passive house standards as possible. We’d always planned to heat the hall using a ground source heat pump and were delighted when our building contractor appointed Finn Geotherm.”

Finn Geotherm specified and installed a Lämpöässä Vmi 17 three-phase ground source heat pump with integral 480 litre thermal store in a purpose-built plant room. The system heats the entire building, comprising main hall, meeting room, kitchen and toilets, via underfloor heating. Built on a paddock, the 1200m ground loop array was laid in the area surrounding the village hall. Although there were some obstacles to overcome, including a protected area for wildflowers, Finn Geotherm rose to the challenge to complete the groundworks.

Trimingham Village Hall’s heat pump project qualifies for the Non-domestic Renewable Heat Incentive (RHI),

meaning the hall will receive quarterly payments for the heat they use for the next 20 years. As part of the project, Finn Geotherm dealt with the application to register this installation and ensure Trimingham Village Hall receives all the financial incentive available.

The facilities are now in constant use with community groups and events taking place there each week, from lunch clubs and yoga to table tennis and even weddings.

Terry sums up: “We are delighted with how well the heat pump works in our new hall and the running costs are excellent. In the previous village hall, we had problems with people not wanting to take their coats off – now we don’t know where to put them all! We’ve had huge support from Finn Geotherm throughout the installation and afterwards too, which has been brilliant.”

Key benefits

- Warm and welcoming environment all year round
- Low running costs
- Energy efficient and hassle-free heating
- Government payments through Non-domestic RHI

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