

# Open Renewables Event at Frensham Mill

Saturday 21<sup>st</sup> May 10am-1pm

**Looking after the environment and our churches;** With the continuing climate crisis and soaring oil, gas and electricity prices we are organising an open event dedicated to 'Renewable Energy in our Homes' - proceeds from sale of refreshments and a collection for the benefit of 'Friends of Frensham Churches' – dedicated to caring for these historic buildings.

**Free access to expertise and educational kits;** The idea is to give access to experts on what we might be able to do, as well as hands on educational kits that will allow children to create their own water wheels, solar panel kits and a wind turbine!

**ISO Energy are experts in renewable energy systems,** covering heat pumps, biomass, solar and battery storage. They focus on larger projects including schools, Country Houses and commercial properties - but their expertise should help us all be informed on how to make our homes kinder to the planet with questions like what happens when my oil/gas boiler/ central heating needs to be replaced? Could I install solar panels? Does battery storage open up new possibilities? What financial and other support is available?



Project specification	
Property type:	Country estate
Technologies installed:	 
Collector type:	
Size (kW):	44
New/retrofit:	Retrofit
Brand:	Viessmann

ISO-Energy were responsible for the water source heat pump installation at The Mill House 10 years ago. This works with both a (very old) network of unpressurised radiators as well as new pressurised areas of underfloor heating.

Edward Levien from ISO-Energy will give a short presentation at 10.30, 11.30 and 12.30 and be available for questions.

We have also sourced some **hands-on educational kits;**

- **Waterwheel kits** – Age 5+ Make a wheel and with wellies on, place it in our shallow side stream (not the main river) and see it spin!
- **Solar kits** – Age 14+ Upper Key Stage 2 STEM kit for exploring solar power
- **Wind turbine** – Age 8+. Depending on the wind we will see if this turbine works and powers a light bulb.



This will also mark the 10th anniversary of the mini hydro-electric installation at the old Frensham Mill site. It's a free event, but we still hope to raise money on refreshments and a collection – and even better if we can identify sustainable energy solutions for our homes as well as our church buildings.

**10am - 1pm Saturday 21st May at The Mill House, Mill Lane, Frensham.** Park as signed in the adjoining field, access of Pitt Lane.



To help us with refreshment planning please RSVP to [rogerholmes@mac.com](mailto:rogerholmes@mac.com) and also with any questions We look forward to see you!