AgroFossilFree (AFF)
Heat Pumps in Agriculture – Workshop

Tuesday, 22nd February 2022 | 10am - 1pm
Teagasc Ashtown Food Research Centre, Dublin 15. D15 DY05

With farm carbon emissions under the spotlight and an increasing emphasis on sustainable agriculture, many producers are moving away from fossil fuels.

Heat pumps can offer a good solution for poultry, pig, horticultural units and on some specialised tillage units, with a low carbon footprint and the advantage that they can cool as well as warm spaces to keep buildings at the ideal temperature, whatever the weather.

Teagasc and Geological Survey of Ireland will run a half day workshop on heat pump technologies and their relevance to the agricultural sector. The workshop will address the following areas:

- How they work
- Ground source heat suitability maps (GSI)
- Benefits to farmers
- Installation and running costs
- The Support Scheme for Renewable Heat
- Compatibility with existing heating system
- Planning and potential pitfalls
- Integrating green electricity
- Examples of heat pumps in action (Horticulture & Pigs)

Agenda

- **Introduction to Heat Pumps in Agriculture**
  Barry Caslin, Teagasc
- **Overview of Geological Survey Ireland's geothermal programme**
  Sarah Blake, Geological Survey Ireland
- **Using shallow geothermal energy with heat pumps**
  Taly Hunter Williams, Geological Survey Ireland
- **Heat Pumps in the Dairy and Agribusiness sectors**
  David Connolly, Astatine
- **Developing Policy to Support Heat Pumps**
  Nick Vafeas, iCRAG, UCD
- **Farm case study**
  Mike Cotter, Alternative Heating & Cooling (AHAC)
- **Irish Heat Pump Association**
  Walter Stephens, Panasonic Heating & Cooling Solutions Europe

Followed by discussion

This workshop will commence at 10am.

Attendance is free however booking is essential as numbers will be limited. Book your place on:
https://www.teagasc.ie/news--events/national-events/events/AgroFossilFreeworkshop.php