



Biomass Heating Case Study

Camphill Community Thomastown County Kilkenny



Key Facts HDG - K Wood Pellet Boiler

Application Heating and hot water for 2 community houses and a self contained apartment on shared site.

Previous Heating Oil **Year** 2017

Project Description

A Glas Energy engineer calculated the projected heat demand based on the expected building energy rating, post upgrade, and a HDG - K boiler was specified, including a 1000 litre buffer tank. A bespoke building was constructed based on the Glas Energy floor plan and a purpose built wood pellet hopper with a vacuum feed system was installed.

Comfortable heating. With wood!

The Glas Energy team managed the complete installation of all of the components including the stainless steel flue and the distribution pipe work to deliver the heat to the buildings. A Glas engineer also supervised the installation of the heating control system with full zoning of both buildings managed by both time and temperature control.

What the clients say:

"There is a lovely even heat now and we can easily control it from inside the house" says Siobhan O'Mahony, one of the residents enjoying the heating upgrade to her shared home. Dorothee Beniers, community manager, agrees and adds "I notice a huge difference in the level of comfort and how easily we can control it."

Top Left: Dorothee and Siobhan with purpose built boiler and wood pellet storage plant room in background. Main: Siobhan stands in front of the 1000L buffer tank with boiler in background. Bottom Left: HDG - K boiler. This project was supported by SEAI BEC and DaysE CLG.