



PV Hafod Renewables



Alex Camer (Hafod Renewables).

Hafod Renewables is a small company with nine staff members in total. Founded in 2006, they specialise in solar panel installation, working primarily on a hyper-local scale with commercial clients such as local businesses and farmers in the Denbighshire area in North Wales, UK.

Hafod Renewables were interested in benefitting from Ecodesign Centre's free master class in lifecycle thinking and how to use LCA to go, so nominated their Environmental Manager, Alex Camer, to attend training. Hafod Renewables were interested to see if the tool could help them improve both their environmental and financial performances through more in depth knowledge in the area. Having had no previous experience with LCA principles, Alex was eager to learn more.

During training Alex assessed a common example of the systems Hafod Renewables install for local farmers, consisting of 16 roof-mounted panels on farm buildings. Alex assessed key carbon outputs and differences in impact when using panels sourced from different suppliers.

Alex appreciated the tools ease of use and that it was a simplified LCA process. He was most impressed by the visual results produced at the end of the analysis commenting on how they would be very useful for communicating their systems to their clients.



Hafod Renewables plan to use the LCA to go PV tool in their future installations, and claim that the tool has improved their company's prospects of using LCA in the future. The tool has also allowed them to make more accurate calculations regarding radiation, which has been an area they have been working to develop for some time.

Alex said: "The training has been very educational. LCA to go could be used by customers too. If they wanted to do their own research, say if they wanted to look at monocrystalline panels against polycrystalline panels, or even other panels and compare them. Some of our former customers have done research before coming here."