



PV Cleen Green Energy



Kathryn Horler-Clee is the owner and founder of Cardiff based solar energy company Cleen Green Energy. With the company having only established itself 18 months ago, Kathryn is keen to differentiate her company from her competitors.

Cleen Green Energy are a small SME, having two employees on its payroll and working locally for a mainly domestic client base.

Kathryn first heard of LCA to go by attending the launch event of LCA to go: PV, hosted by Ecodesign Centre (EDC) in Cardiff. Kathryn had no experience in lifecycle assessments, but saw it as a great opportunity to boost her knowledge.

Kathryn benefitted from further training provided by EDC in how to use LCA to go and apply life cycle thinking to her businesses model and photovoltaic projects.

Kathryn chose to assess a commercial 10kw project that Cleen Green Energy had recently completed, fitting PV panels to the flat roof of a multi-business complex. Kathryn said that she found the one to one training in life cycle thinking the most beneficial aspect of the project and will use the system environment profile supplied by Fraunhofer to explain to her customers the environmental benefits of the chosen components of their purchase.

Kathryn says that with a bit more practise she will use LCA to go: PV to help her inform her decision-making, depending on the customer's demands.

"I will definitely look at the different elements of how our systems are made up, especially the batteries. For example, the lithium ion batteries appear too expensive at the start, but actually their energy payback time make them cheaper in the long-term. It will be a great asset to be able to communicate that with our customers."