



PV Helios Energy



General Director Bendigo Moreno using the LCA to go: PV tool.

Bendigo Moreno is the General Director of the Spain based SME Helios Energy. Founded in 2007 Helios Energy have developed a speciality in photovoltaic modules, with their business evenly divided between their two factories in Spain and Ontario Canada.

Ecodesign Centre offered training in life cycle thinking and how to use LCA to go at fellow project partner, TTA, LCA event in Barcelona. Prior to his attendance, Bendigo has said that Helios Energy had some knowledge of LCA, but felt that attending the event would be an opportunity to gain further information. Bendigo identified that his clients are conscious about the life cycle impacts of their solar PV systems, as well as the quality of the modules used, and the overall cost of the module. His awareness of their clients needs motivated him to improve his company's toolset for assessing their systems.

Bendigo used the tool to assess an existing PV system connected directly to the power grid. He found 'LCA to go to' be a satisfactory tool with the ability to improve system designs, the companies brand in marketing and a good way to improve commercial sales on an international level.

After using the tool Bendigo felt that he would like to see the tool used within his company for the development of future products. Helios energy



have made an effort to reduce their environmental impact in the past and welcomed the use of a new tool to allow them to make further impact reductions.

Bendigo stated that: "we have accessed the 14,000ISO standard, so for us it is nice to have these particular applications. We are a part of PV Cycle in Europe, it is important to us to have these certificates in recycling. Gaining new information and evaluation tools is very useful to us. LCA to go is interesting for a quick answer to convince a boss or buyer that the system will work. It Is too simple a tool for an in depth analysis. A lot of work has been done on PVS, but the tool could benefit from more information on batteries".