



## PV Intellisol

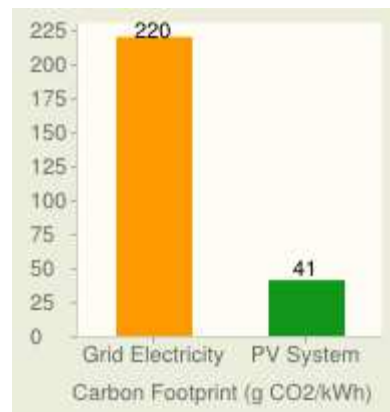


**Rik Koch CTO of the Belgium based renewable energy company Intellisol finds that energy efficient, environmental-friendly and future-oriented choices should generate at least the same, but better still, a higher standard of living and working.**

Intellisol was established in 2006, and is active in the renewable energy and building automation fields. In the Renewable Energy field Intellisol designs and assembles photovoltaic systems (solar panels) with European products. It is one of the four Flemish companies that received the QUEST-label for photovoltaic solar installations. The innovative nature of their solar energy systems make their customers take a more independent – and therefore carefree – position relative to the energy market.

Rik got introduced to LCA to go through the project's partners Sirris. He was very interested to know more about the tool to be able to open opportunities in foreign markets. Therefore he decided to join a training session conducted by Fraunhofer Institute IZM in Leuven on the 9<sup>th</sup> of September 2014.

Rik assessed an already existing and running project from Intellisol using the LCA to go tool. The system is installed in Belgium and produces around 350000 kWh per year. He found the results very interesting especially the ability to compare different systems using the tool. The assessment showed that the system has an EPBT of 1.6 years, and a carbon footprint of 41.07 g/kWh. The figure below shows a comparison of the carbon footprint of the system and the grid in Belgium.



Rik found the results he got from the tool very helpful and interesting and will try to use the tool in governmental and utility scale projects. He thinks that the tool will keep his customers better informed.

Rik also added regarding the LCA to go tool: “Very useful tool for a quick assessment, and it is easy to follow and understand the results”