



CASE STUDY

MYENERGI

ABOUT THE BUSINESS

The concept behind Myenergi is a simple one; to harness renewable energy from wind turbines and solar panels and allow individuals to generate their own power, moving away from fossil fuels towards total self-sufficiency.

With the help of a crowd funding campaign Jordan Brompton and Lee Sutton launched Myenergi back in July 2016, operating from a base in Market Rasen in Lincolnshire.

Currently they focus production on an Electric Car Charger branded “Zappi” and an Electric Water Heating System branded “Eddi”. Recycling wind and solar energy directly in the home to heat household water and charge the family car gives the user control and peace of mind, knowing that they are not only saving money but they are also reducing their own carbon footprints and helping to reverse the effects of global warming.

15 months since their launch in July 2016, Myenergi now exports across the globe and regularly features in the media, having recently appeared on “Fully Charged”, a renewable energy web series hosted by

the Scrapyard Challenge presenter Robert Llewellyn.

Myenergi currently employs seven people but has plans to grow significantly over the coming 12-18 months to take advantage of the increased demand for renewable energy.

THE CHALLENGE

As demand for Zappi and Eddi have grown so have the pressures on their current production set up, to the point where orders have started creating bottlenecks as capacity is reached. This has led Jordan and Lee to consider different and more innovative ways to turn around orders to the same quality standards but with shorter lead times.



The soldering of certain components was identified as a key area affecting the entire production process. Historically, it has been a manual process which has not only created bottlenecks in the manufacturing process but also forced the business to sub contract elements of the soldering, increasing costs, adding to delays and presenting quality control issues.

The business needed to find a way of automating the soldering process, bringing the entire operation in house and creating increased production capacity.

THE SOLUTION

Doing an online search introduced Myenergi to a company called PM Tech and their automated wave-soldering machine, which looked like it could solve their production problems, dramatically reducing the time needed to solder components.

A discussion between Jordan and her Business Advisor put her in touch with the Grants4Growth Program - a fund specifically designed to help businesses in Greater Lincolnshire to access grant funding to purchase the capital equipment needed to grow.

HOW DID THEY GET THE GRANT?

After contacting Grants4Growth, Jordan and Lee submitted an expression of interest and subsequently were guided through a short application form, designed to tease out how the planned investment would underpin their growth plans and attempt to quantify the impact on productivity, sales growth and potential local job creation.



Three weeks after sending their application back to Grants4Growth, Myenergi received a grant approval letter and was awarded a grant of £1,582 towards the wave-soldering machine.

Securing funding to support their investment has meant that Myenergi has been able to significantly reduce production run times and therefore their manufacturing capacity.

“We can now manufacture over a hundred units per day as opposed to a maximum of twenty or thirty units when the soldering work was being done by hand. This will allow us to expand further and build our share in the renewable energy market” said Lee. “As a result of purchasing this new soldering kit our company is now future proofed for years to come. We’ve seen our productivity improve and our costs fall, as we no longer have to outsource elements of the process. This means we’ll become more profitable and be able to invest in our future growth”

WHAT'S NEXT?

Jordan and Lee are both very positive about the future of Myenergi. They hope to further increase their export markets, potentially looking at establishing factories overseas to reduce production costs in their overseas markets. They also plan to expand their product range by releasing new eco-friendly products in time.

WWW.MYENERGI.UK



grants4growth@sholland.gov.uk



01775 764813

grants4growth.sholland.gov.uk