### GREATPROJECT

A business support project, part-funded by the European Regional Development Fund, and led by Grimsby Institute

Victoria Dunn





### **GREAT Project aims**

- Knowledge transfer
- Green growth £8M gross value added
- Jobs created and safeguarded
- New business start ups

 THROUGH funded 1:1 support, workshops, events, demonstration equipment at GIFHE







## Why is Grimsby Institute leading GREAT?

"To deliver accessible high quality education and training to our communities"

- Link to Higher Education research and FRPERC
- To workforce training

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To our delivery partner at HCF-CATCH











### GREATPROJECT

### **Three Drivers**

- Three Local business assisted





Number of years before these environmental areas become of critical importance to business operations:

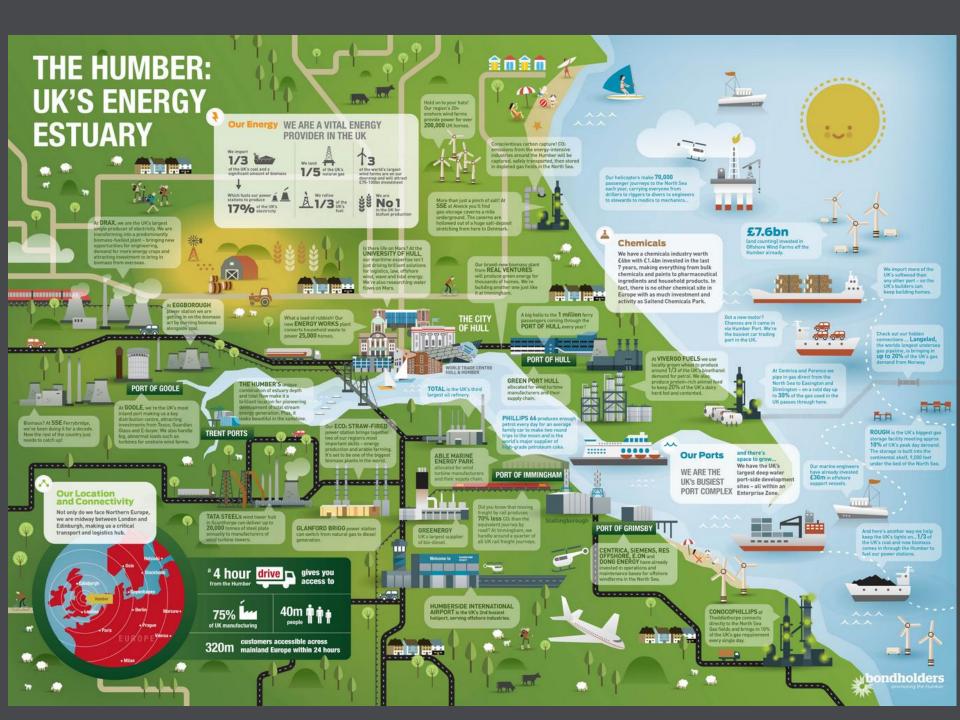


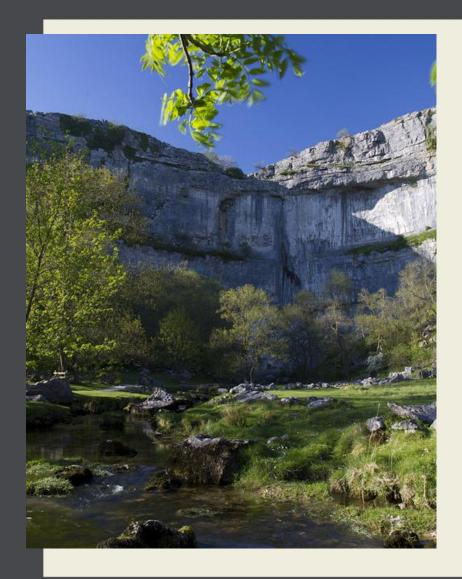
• http://www.carbontrust.com/about-us/press/2012/12/businesses-sleepwalking-into-a-resource-crunch



















### A Metal Manufacturer - Hull

- GREAT Project analysed gas and electricity usage of existing furnace
- Suggested new induction furnace, signposted to RGF grant
- When implemented, will save 28T CO<sub>2</sub> /year
- 3.7 year payback time
- 3 jobs safeguarded







# A Metal and Plastic Component Manufacturer (Hull)

- GREAT advisor did an environmental review, and helped the company to write their Environmental Policy
- The company is working towards ISO 14001 in order to win more work
- Has now employed someone to develop their environmental & quality systems









### **WR** Gaskets

- Developed strategy to reach new oil, gas, renewables customers.
- Managing Director realised that new equipment which is more efficient and productive was a neccessity to aid growth.
- Signposted the company to capital funding to contribute to cost of equipment.
- Project will create 2 jobs.







#### **Great Coates Motors**

- ASHP and 35kW solar PV for £51k
- Savings, RHI and FiTs pay off investment after
  7 years after that it's all profit
- Mayne Heating has toured facilities at the Institute, developing into renewables.
- Local good news publicity for three businesses involved.







essman cuts utility bills and CO2 after ploughing £50k into solar panels and heat pump

### arage urges others to go gr

nnaird smg.co.uk nKinnaind.

#### E owner has ploughed £50,000 into a greener his business.

cates Motors, based on South Humberside Indus-, has cut its utility costs by and saved over a tonne of having solar panels and a heat pump installed three

an McCartney, the firm's director, wants other busihe area to follow suit.

bank loan to pay for 35kw nels on the roof, as well as re heat pump, which takes m the atmosphere.

he project cost £51,000 plus Mr McCartney insists the vorthwhile, as he will save in utility bills each year vback period is just seven

looking at plans to install car charge point for the he near future.

We think we are the first n this area to retro fit solar I an air source heat pump ne the two.

eans our heating is now free and when the loan is are going to be considerably

looked at the figures for ctricity and prices are only



BIG SAVINGS: Left, pictured by a monitor showing how much

energy is being saved are, from left, Tony Swinburn, construction and renewables adviser for the Great project; Dr Victoria Dunn, Great project director, Allan McCartney, Great Coates Motors' managing director; Matthew Harries, business development manager for Wil-Lec; and Darren Mayne, from Mayne Gas Heating Ltd. Above, the new solar panels on the garage's roof.

going to go one way, and that's not

"I hope this will reflect well on us as a business. The staff are all behind

"We just have to hope for lots of sunshine now for the solar panels!"

Allan was helped through the research and installation stage by the Grimsby Institute Great (Green Renewable Environment and Associated Technologies) project which is helping help small and medium-sized businesses in the Humber area to expand into the emerging renewables industry

Great construction and renewables adviser Tony Swinburn said more similar moves by local businesses "can help Grimsby flourish again".

"Allan has really bought into the green philosophy," he said.

out into the atmosphere and the more and turning it into heating. businesses that can get on board with something like this the better."

installation.

Darren Mayne, from Mayne Gas Heating, explained that the pump green energy drive? Have your say at acted "like refrigeration in reverse", www.grlmsbytelegraph.co.uk

"There is a lot of waste energy going taking hot air from the atmosphere

Now Allan and his staff can keep a close eve on the business's energy Local firms Mayne Gas Heating Ltd usage, with a monitor in the reception and Wil-Lec Group helped with the area revealing exactly how much juice is being used.

ON THE WEB: Do you support the









# GREAT, you have a project - and you want to work with us.. (it's free)

- Talk to me over lunch
- www.great-project.co.uk
- great@grimsby.ac.uk
- 01472 311 222 ext. 1363

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