

Country: UK

**Sub-sectors:**


- aroma
- baby food
- beer/ malt
- bread/ biscuits/ cakes
- chocolate/ cacao/ coffee
- fats/ oils
- fish
- fruits/ vegetables/ herbs
- meat
- milk products
- starch/ potatoes/ grain mill products
- sugar
- wine/ beverage
- others, e.g. canned food, ready meals

**Activities:**

- energy audits
- solar integration
- integration of heat process intensification
- bio-based products
- bioenergy
- energy efficiency
- cleaner production
- emerging technologies

**RES:**

- Solar thermal
- PV
- Biogas
- Heat pumps
- Biomass
- Absorption chiller
- Wind
- power generation energy storage

	<p><b>Name of person</b> Huashan Bao</p>
	<p><b>Brief description:</b></p> <p>PhD study mainly on absorption/adsorption refrigeration in one of the world-leading research group in the field; post-doc research mainly on adsorption power generation, energy storage, solar energy</p>
<p><b>Business address:</b></p> <p>Country: U.K.          Address: 2nd Floor Stephenson Building, Swan Centre, Newcastle University          Phone:          Fax:          Website:          Mail: huashan.bao@ncl.ac.uk</p>	<p><b>Representative:</b></p> <p>Country:          Address:          Phone:          Fax:          Website:          Mail:</p>

<p><b>Expertise:</b> renewable refrigeration/heat pump, absorption/adsorption technologies, thermo-chemical energy storage, ORC and thermo-chemical power generation</p>		
<p><b>Qualifications</b></p>		
<p><b>Education:</b></p> <p>PhD degree in 2011 Shanghai Jiao Tong University;          BSc degree in 2007 East China University of Science and Technology, Shanghai, China.</p>	<p><b>Work Experience:</b></p> <p>From Feb.2012 to date, Research Associate in Newcastle University, UK</p>	<p><b>Trainings:</b></p>
<p><b>Methods used:</b></p>	<p><b>Equipment used:</b></p>	<p><b>Other:</b></p>
<p><b>Reference projects:</b></p> <ol style="list-style-type: none"> <li>1. EPSRC project 'Industrial Demand Reduction through Innovative Storage Technologies (IDRIST)'(EP/M008088/1);</li> <li>2. EPSRC project 'Low Grade Heat Driven Adsorption-Linear-Expander Cycle for Cogeneration of Power and Refrigeration' (EP/I027904/1);</li> <li>3. NSFC project 'two-stage adsorption freezing cycle driven by low grade heat' (NO. 50806043);</li> <li>4. NSFC project 'multi-salt, multi-effect chemisorption refrigeration system with highly efficient utilisation of low grade heat' (NO. 50736004).</li> </ol>		