

Additional Secondary Materials

Each day during #NCW2018 we are featuring one of the major Industry Areas / Career Themes represented in the Humber Bondholders / University of Hull partnership: showcasing talent and opportunities across the Humber region. Make sure to watch the #WhereItBegins video at vimeo.com/bondholders

If you haven't already, make sure to download the Secondary Competition Pack at nationalcareersweek.com

Making and Moving

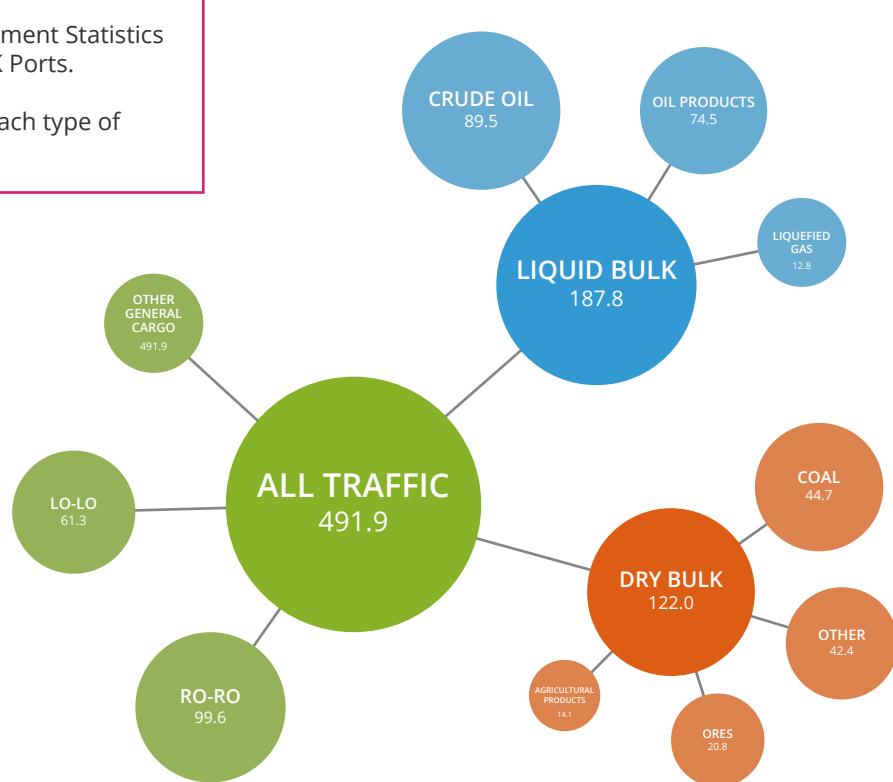
Making and Moving (also known as manufacturing, logistics and Supply Chain Management) is a huge part of what makes the Humber a great place to work and live. The Humber's location and connections to the rest of the UK, Europe and beyond have made it a hub for logistics, engineering and manufacturing expertise. Here, raw materials are taken to make, engineer and invent products that are transported 24-7 and used all around the world.

At the £310 million, Siemens Gamesa Renewable Energy world-class offshore wind turbine blade manufacturing, assembly and servicing facility, located at Green Port Hull, 75 metre wind turbine blades are made, and then transported by sea or road, to the North Sea to help power the UK. Three of these blades are at the top of each 190 metre wind turbine - that's 10 metres taller than The Gherkin and 96 metres taller than the Grimsby Dock Tower!

An important UK hub for industry and trade, the Humber is the UK's busiest port complex and the 4th busiest in Europe. Together the Humber Ports (Hull, Immingham, Goole & Grimsby) handle 65 million tonnes of cargo each year. Grimsby river terminal can handle vessels carrying 3000 cars! Every type of cargo from coal to cars, food to freight, passengers to petroleum, is transported via the fantastic road, rail, sea and inland waterway systems, making the Humber a brilliant location for careers in logistics.

This graphic is from the 2014 UK Government Statistics Agency report into transport through UK Ports.

The graphic highlights the tonnages of each type of cargo shipped through UK ports.



Challenge Considerations

In thinking about the features and aspects of your Upcycled Container Project, Making and Moving will be an important consideration – especially if your idea features some aspect of mobility in its use (eg: a mobile gym, food outlet or health centre) so here are some elements to consider:

1. Whether your Container Design will be portable or not, you need to think about the safety and security of anything you install inside the container. How will the elements you include be secured? Will the space be flexible or fixed and if you're moving the container how will you make sure none of the equipment will be damaged?
2. What is the best way to move your container from Hull to where it's needed? Think about how you will plan a journey from Hull to say, London or Glasgow. How will the Container travel? Would Road, Rail or Canal be best? How do you get the container off the transport and onto the space it needs to be?
3. Thinking about the nature of ports and transport – what do you need to think about if your Upcycled Container designer needs power and is being used in the UK, Europe and potentially further-afield, say the USA or Canada? What power sources could be used and how do you connect them? (Remember not every country has the same plugs and electricity systems. Is there a universal way to power something electrical?)

Try and build these ideas into the development of your Upcycled Container and watch out for other daily competition ideas and challenges!

There are a huge range of courses available in Supply Chain Management at the University of Hull – here: hull.ac.uk/Faculties/subjects/supply-chain-management.aspx

Information on University Life, funding and what being a student in Hull is like, view the new prospectus here: hull.ac.uk/Study/Prospectuses-and-brochures/docs/UG/prospectus-2019-WEB-v3.pdf

