

## Advisory consulting services for the Decarbonisation Economy.

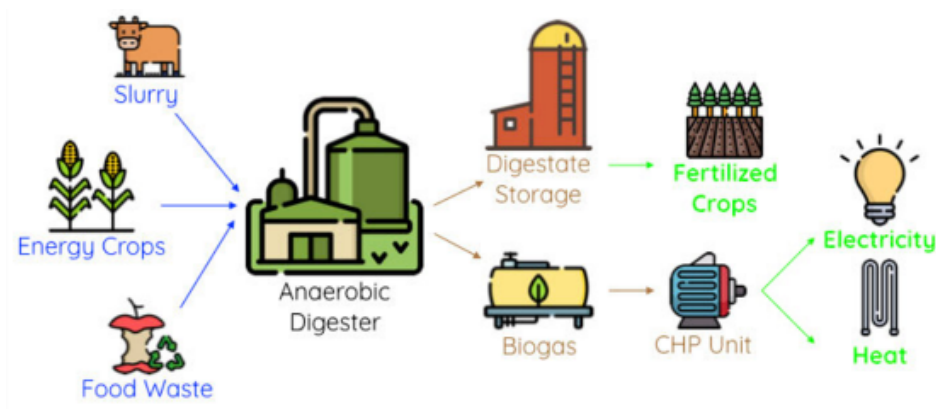


### Renewables

At Laslett International we are increasingly involved in renewable power projects and programmes both in the UK and overseas.

Our involvement includes Solar energy, Wind (both on and offshore wind farms), Hydroelectric, Tidal and Geothermal as well as wood and waste Biomass, along with Biofuels.

Capturing these resources can be both expensive and complex, and many are intermittent, which sometimes complicates using them on a large scale. Another challenge is the need to store the power that is created.



### Biological Treatment Plants

We have extensive experience in the engineering, construction and commissioning of both types of biological treatment process i.e. aerobic and anaerobic.

We have been involved in biological treatment plants of varying sizes and types of feedstock. Our expertise in project management, project engineering and project planning and scheduling has been used to support the successful completion of these process plants.



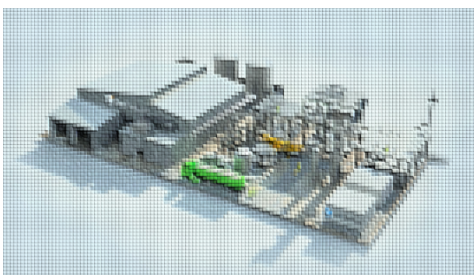
### **Marine Exhaust Gas Cleaning**

With strict rules starting in 2020, ships are implementing exhaust scrubber systems geared towards reducing sulfur.

Scrubbers - Exhaust Gas Cleaning Systems (EGCS) or SO<sub>x</sub> scrubbers are used to remove harmful elements from ships exhaust gases.

A large amount of retrofitting a ship's machinery with a scrubber system has and still is ongoing in many shipyards around the world.

At Laslett International we have been involved in various types of marine vessels from Ferries to Bulk Carrier and from Tankers to Special Purpose Ships.



### **Green Hydrogen**

Green hydrogen is hydrogen produced by splitting water by electrolysis.

Alkaline and PEM electrolyzer technologies are widely used technologies.

Laslett International has significant experience and expertise in the implementation of hydrogen and fuel cell technologies, the design and development of green hydrogen production facilities, the transportation and storage, and the sustainable use of renewable energy resources.