Circular Economy Case Study: Agriprotein

The Challenge

- Growing population and shifting demographics
- Demanding more high quality protein (e.g. fish, chicken, pork)
- Currently animal feed comes from unsustainable, environment degrading, carbon emitting sources (e.g. fish meal or grain cultivation)
- At the same time there is the problem of food waste and other discarded organic materials (pollution, lost material value)
- Also there is an ongoing need to create new forms of employment

A Solution

- A company called Agriprotein from South Africa
- Through an understanding of biology, natural lifecycles and industrial processes
- Have harnessed the metabolism of the black fly soldier larvae
- Creating a sustainable animal feed - leading to a revenue stream from what was previously a costly liability
- Leading to increased employment
- As well as a by-product that leads to regenerated farmland

To find out more visit:
https://www.ellenmacarthurfoundation.org/case-studies/saving-our-seas-one-factory-at-a-time
https://agriprotein.com/