**Reading – Food waste: using sustainable innovation to cut down what we throw away**

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| **Case study** | **Product** | **Sales/profits** | **How it reduces food waste** | **Other benefits** | **Sustainability score** |
| Rejuce – a food waste start-up | Nutritious fruit & vegetable juices and smoothies. | 100,000 bottles per year. | It uses edible, but ‘ugly’ or ‘wonky’, fruit and veg that would otherwise be thrown away. | The suppliers eliminate their disposal costs. | 20 |
| Toast Ale – a food waste start-up | Alcoholic beer (ale and lager). | They sell online and in big supermarkets and donate all of their profits to charity. | It uses waste bread from sandwich manufacturers (around 13,000 slices per day) that would otherwise be thrown away. | The byproduct of the brewing process is given to local farms to be used as nutritious animal feed. | 20 |
| Wyke Farm – a dairy farm that invests in anaerobic digestion | Renewable energy and gas. |  | The digester facilities break down organic matter including animal waste, and byproducts from cheese-making, cider-making and baking.  The energy is used to power manufacturing sites and fed into the grid to provide clean electricity for the community. | Leftover materials are used as fertilisers on the farm, and given to local farmers to boost soil fertility. | 17 |
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| **Report by the UK Green Party about burning & incineration** | **Problems for the environment** | **How much food is burned?** | **Arguments against burning & incineration** |  | **Sustainability score** |
|  | Burning food releases CO2 into the atmosphere. Incinerators are not monitored thoroughly for air pollution. | Over 10m tonnes between 2012 and 2017 (almost double what it had been before).  In some places more food is burned than recycled. | They are energy- consuming and expensive methods of dealing with food waste.  Although incineration produces energy it is a waste of resources to burn recyclable or avoidable food waste to produce this energy. It wastes all of the resources, time and labour that has gone into growing and processing the food. |  | 6 |