1. biofuel

* sell it to other industries that use biofuel to generate electricity
* Daka ecoMotion has a biodiesel production plant in Løsning, Denmark, with annual production of 55 million liters of biodiesel
  + Daka ecoMotion can also utilize used cooking oil and other oils not suitable for food production (https://www.nordicenergy.org/wordpress/wp-content/uploads/2019/04/Food-Waste-to-Biofuels\_FINAL.pdf\_)

2. compost

3. giving food to homeless/ needy families in denmark

4. (preferred idea for now) using population density data find areas where cheap food is needed (e.g. officer workers / students from universities) -> sell food at these areas.

* https://foodsharingcph.org/story/

5. Startups that only sell food that are ugly

* Subscription basis where people can get ugly food on a weekly/monthly basis

6. donate food to social organisations

7. use food waste to create animal feed

8. set up fridge where residents can deposit surplus food

* Inspired by a geneva based non profit [Free food fridges take off in parts of Europe in eco-friendly bid to fight waste | AP News](https://apnews.com/article/food-waste-switzerland-germany-geneva-austria-refrigerators-environment-fc8484f267f1403a4b76db8b20541f9a)

Companies to gain inspiration from

<https://foodnationdenmark.com/cases/selling-surplus-food-to-fight-world-hunger/>

Datasets:

1. Sailinggroup
2. Biofuel consumption in Denmark
3. Energy consumption in Denmark

Next steps;

1. Identify increasing biogas uptake trend in denmark
   1. Use this link [Biogas in Denmark | The Danish Energy Agency (ens.dk)](https://ens.dk/en/our-responsibilities/bioenergy/biogas-denmark)
2. Identify specific food waste that is used to produce biofuel
   1. Eg. Organic food
3. Use sailing api to find QTY of food that is going to expire
   1. Select the organic food
4. Garbage collectors can have a better idea of how much waste there is going to be at different garbage collection points.

- Use time series analysis

1. Identify which season (eg. November) where most energy is needed --> use biofuel to generate this electricity

* Use time series