

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](#)

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
 - a. Use this link [Biogas in Denmark | The Danish Energy Agency \(ens.dk\)](#)
 2. Identify specific food waste that is used to produce biofuel
 - a. Eg. Organic food
 3. Use sailing api to find QTY of food that is going to expire
 - a. 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

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