



CRØP PROJECT

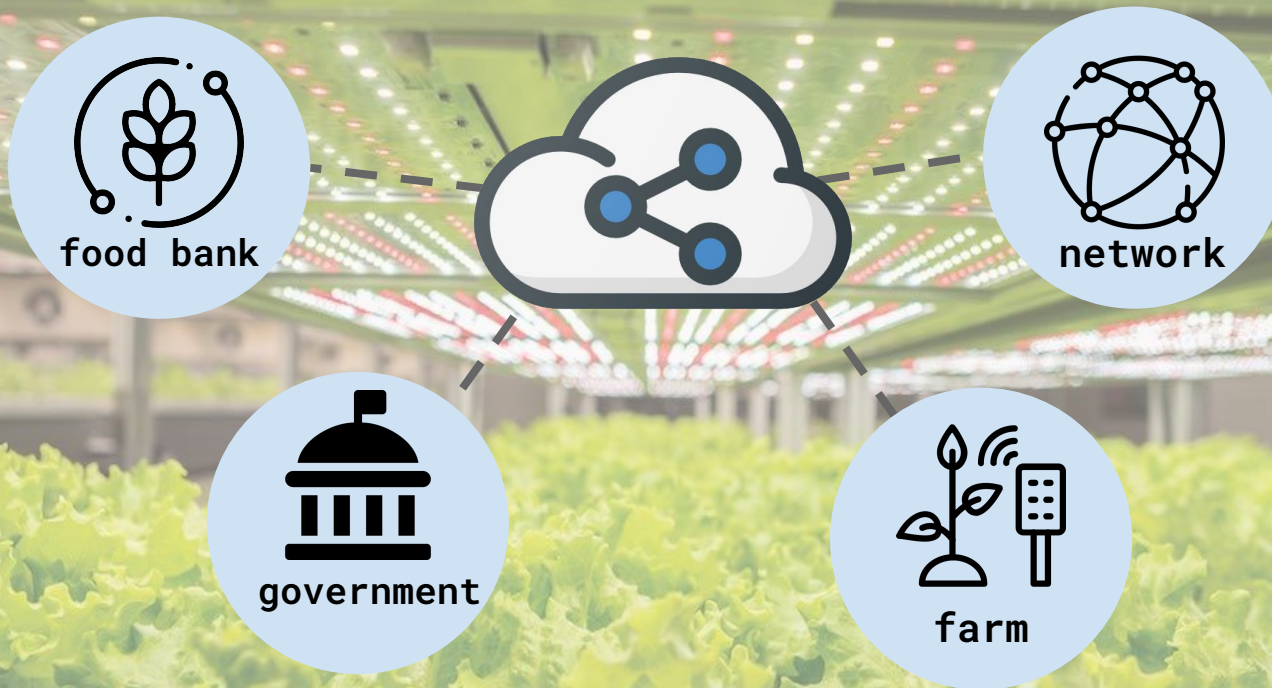
C: Control
R: Retain
Ø: Zero
P: Project

Why our CRØP Project?

1. the importance of having stable food supply chain emerges due to unpredictable climate change and fluctuating international situation (war, currency, covid, ...)
2. the trend toward short-term popular crops brings reduced species diversity and instability in agriculture industry
3. insufficient network among farmers all across the region

Social impact and expected effects

1. Stabilize food supply by sustainable crop cultivation with species diversity.
2. Increase the harvest, enabling efficient and ecological farming
3. Fulfill NetZero goal by utilize environment maximally.



Utilize nationwide communication network to form demand/supply forecast,
controlling harvest scale → Donate to local food banks in case of surplus
→ Government support farm by giving tax benefits/subsidies



Collecting and analyzing not only data inside the greenhouse, but also data of outer world.
 → Reducing waste of resources, making the most of nature

predicting supply & demand model to regulate the harvest, preventing price overfall which cause reclamation of crop waste
 → Reduce waste of harvest and prevent the price overfall

provide yearly blueprint to farmers who want to raise HFF(Health Functional Food) crops in small quantities reducing risk the most, using networks and analyzing consumer trend with data from HFF industry

