



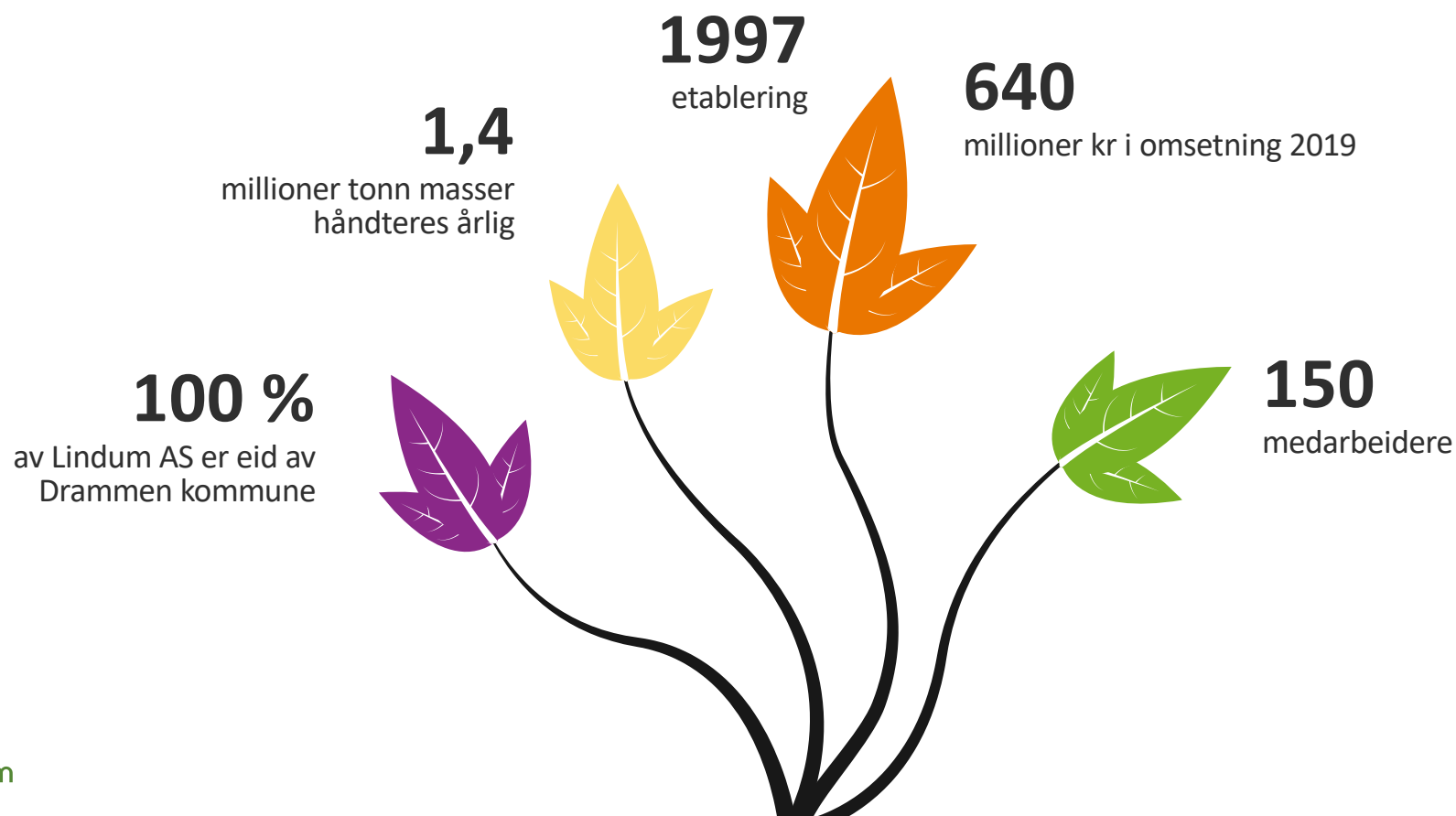
Sirkulær mat -og Den Magiske Fabrikken

Ketil Stoknes, Lindum

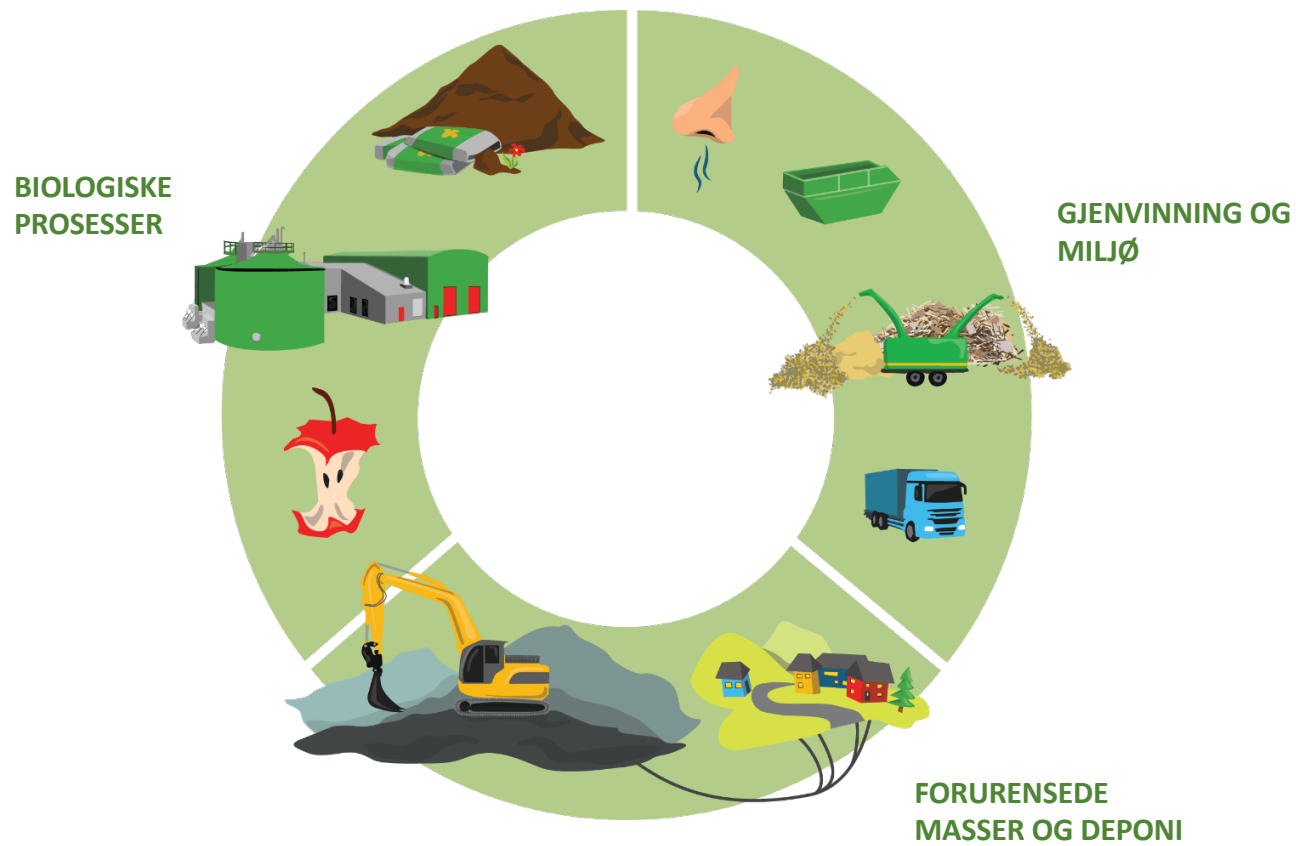


Lindum

Noen nøkkeltall om Lindumkonsernet



Hva gjør vi?

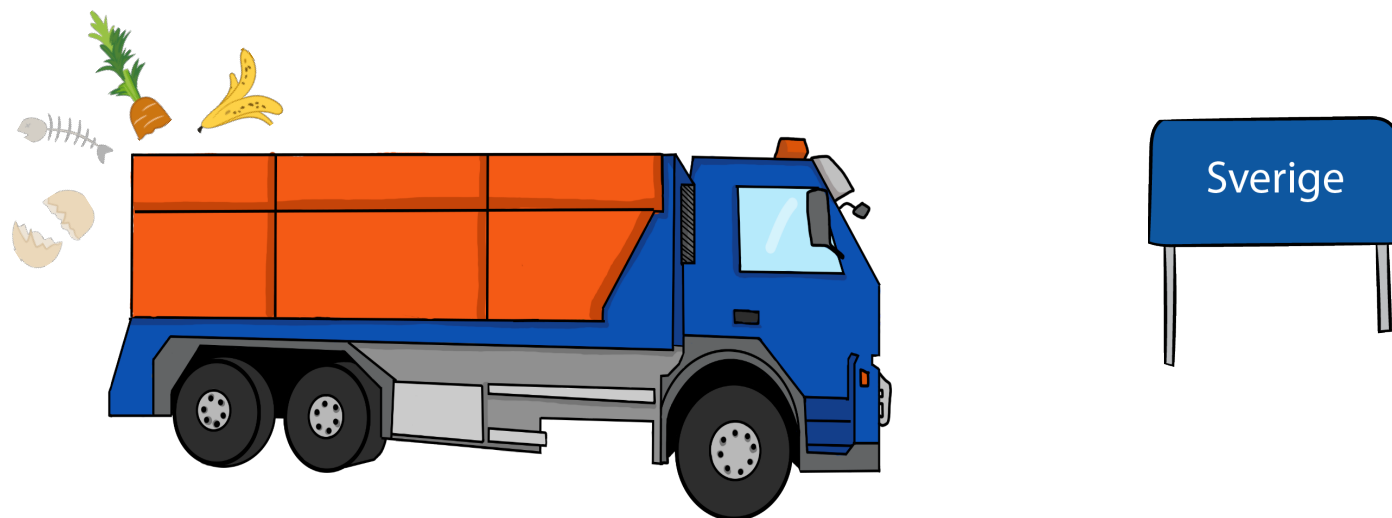


Hvor er vi?

- **Virksomhet 12 steder**
 - 5 aktive deponier
 - 2 biogassanlegg
 - 3 komposteringsanlegg
 - Ny virksomhet under etablering
 - Tett samarbeid med andre
 - Håndterer avfall fra hele Norge
 - Spesialkompetanse innen enkelte områder

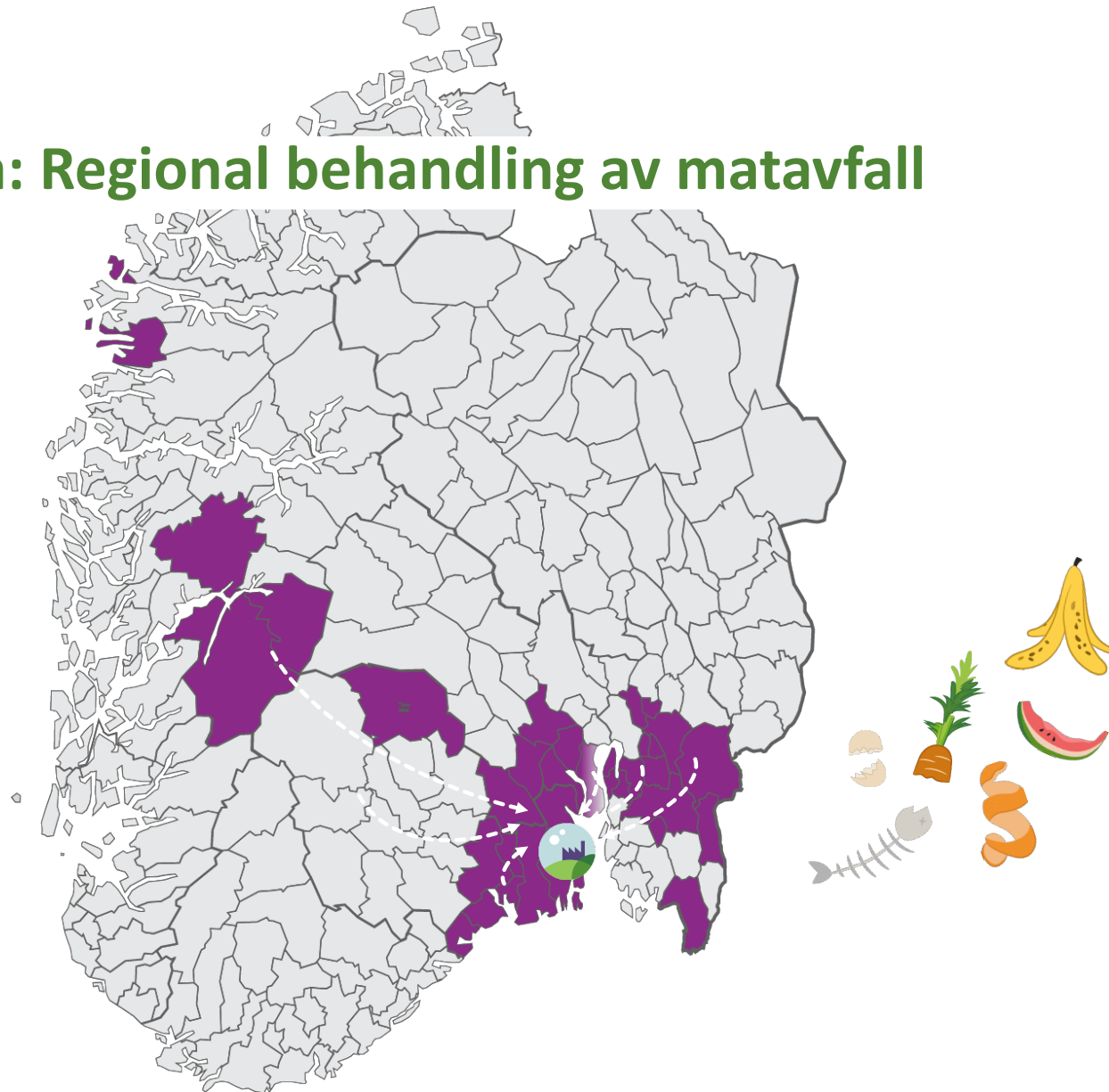


Før: Stor transport av matavfall til Sverige



Årlig gikk 1 200 trailere til Sverige med matavfall

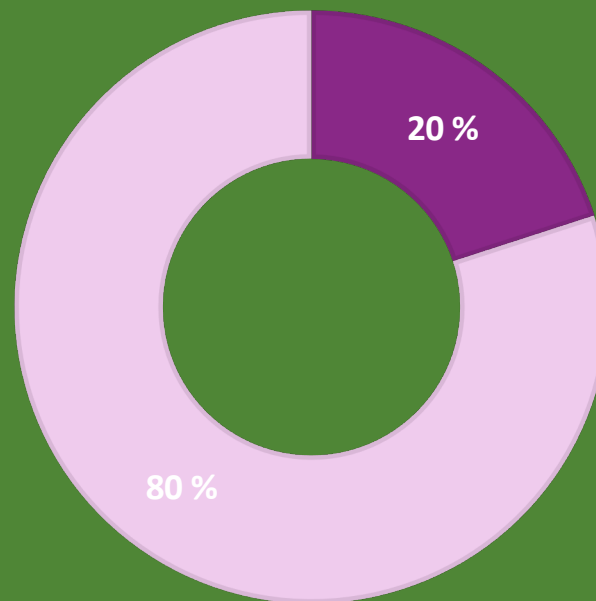
Nå: Regional behandling av matavfall



Lindum behandler matavfallet til

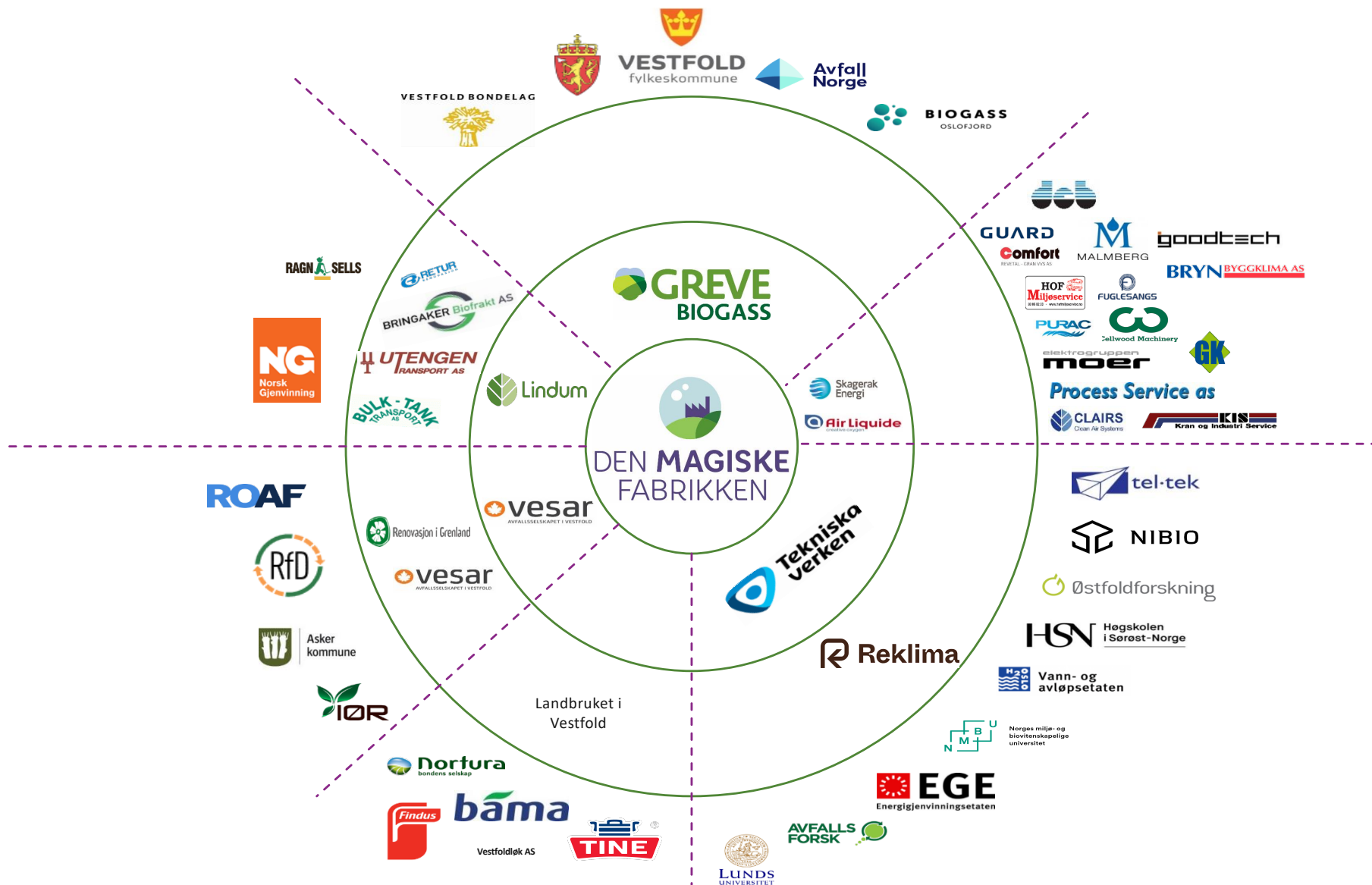
1,1 millioner

nordmenn



■ Lindums andel

■ Øvrig



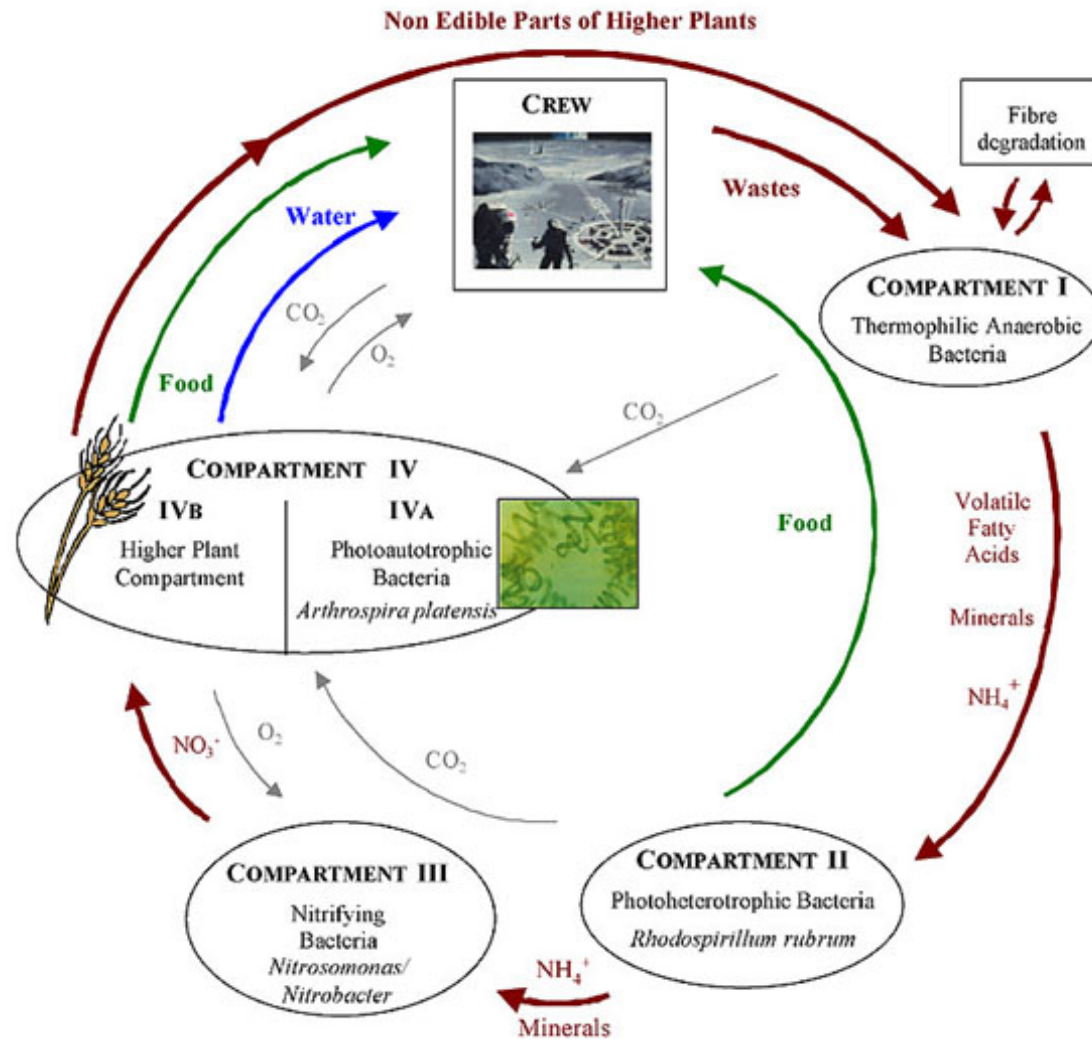
Hva er magisk? Blant annet dette....



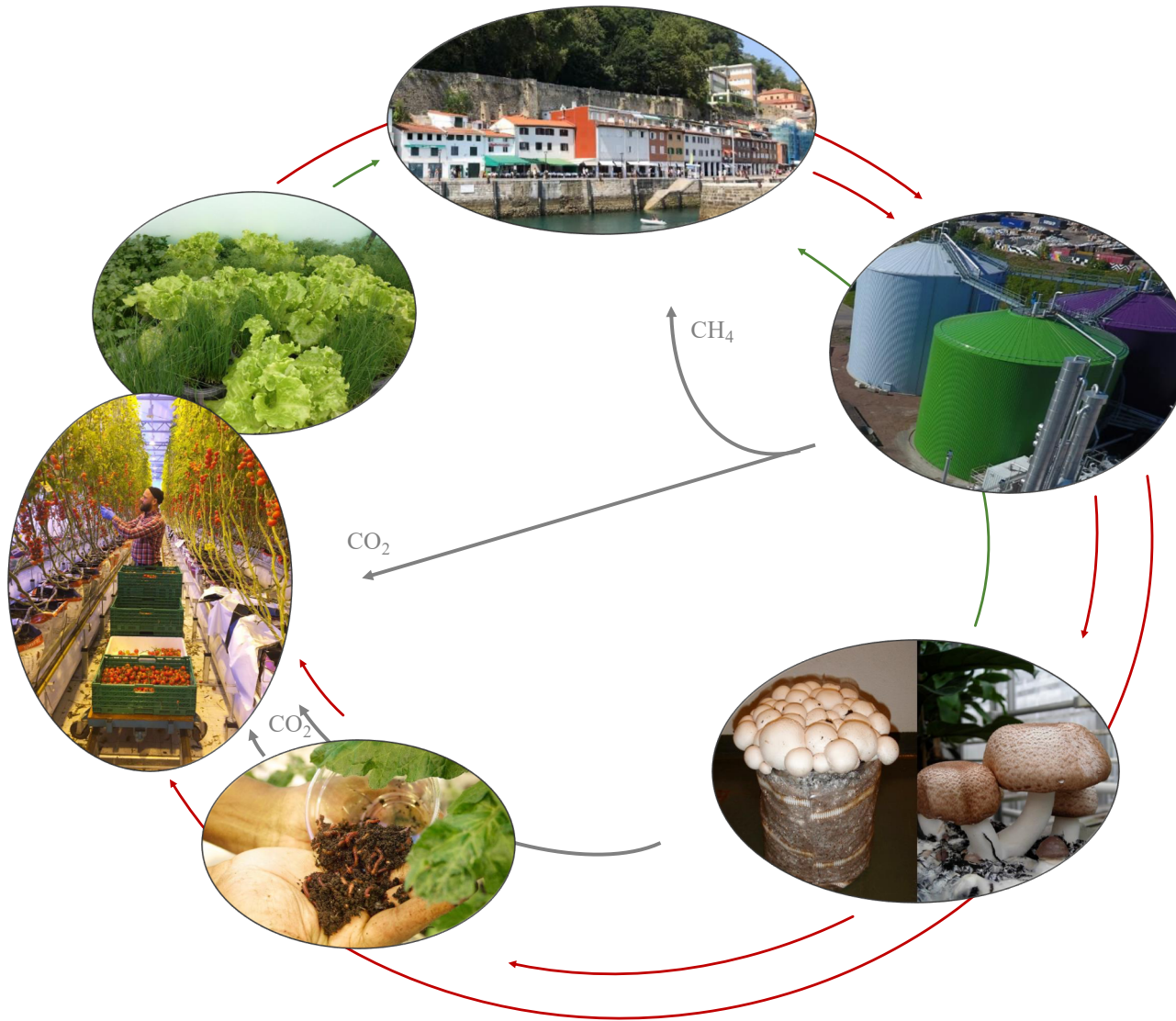
Nature's food-loop



European
Space
Agency's
loop



**Mat-loop
på Den
Magiske
Fabrikken**





Tomater dyrkes i pilotveksthuset



De første magiske tomatene i salg i
utvalgte Meny-butikker





Cherry Bioest HIGH

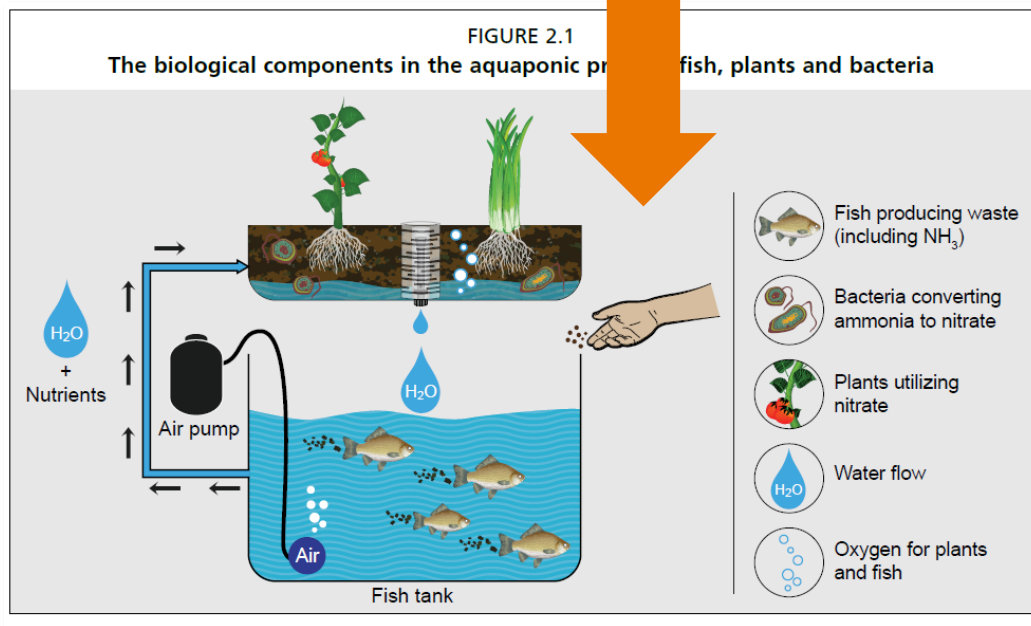
06-29-2016 Wed 20:30:40

Day 3

TU-IP310PI_L

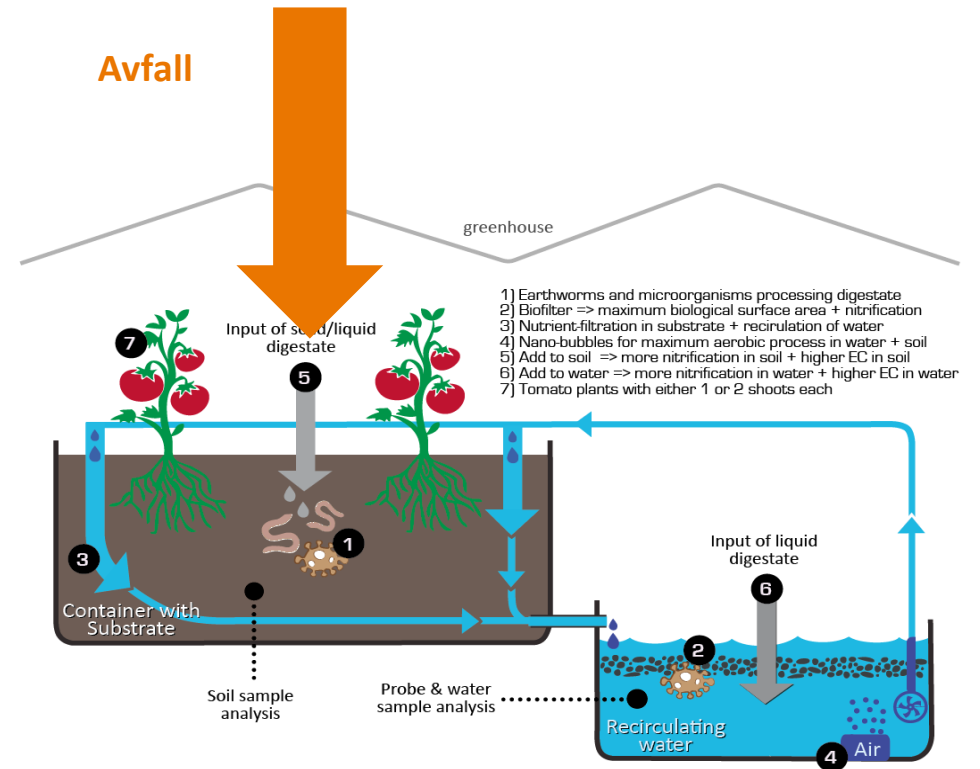
Aquaponics

Fór



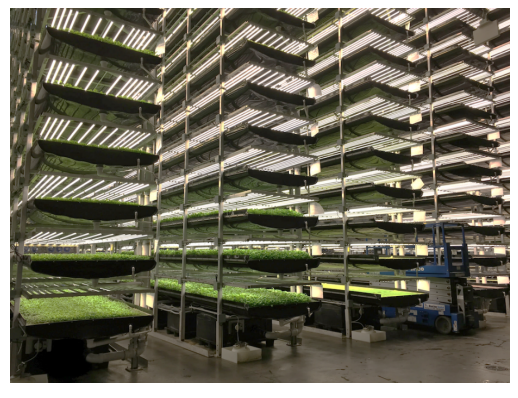
Digeponics

Avfall





Biogas
anlegg



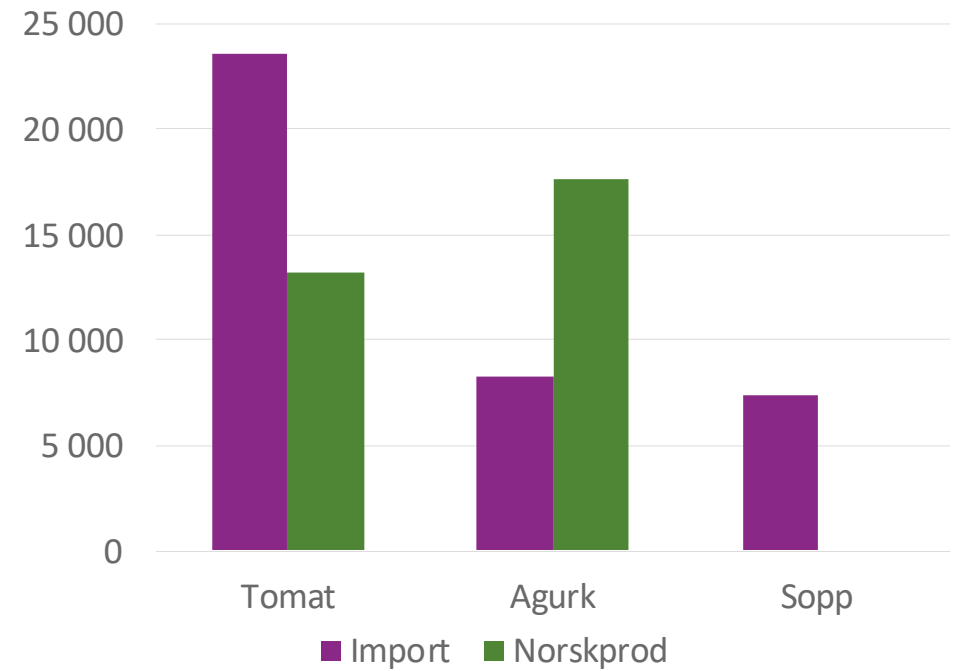
Digester residue	(dry matter)	Straw	Gypsum		substrate	(dry matter)	Button mushroom	price		
1000 kg	300 kg	+ 300 kg	+ 18 kg	10 days composting	1125 kg	450 kg dry	439 kg	18 NOK/kg	7898 NOK	Compost/ fertiliser/ soil conditioner
							or "Brazilian mushroom" <i>Agaricus subrufescens</i>	price		
							225 kg	200 NOK/kg	45000 NOK	400 kg

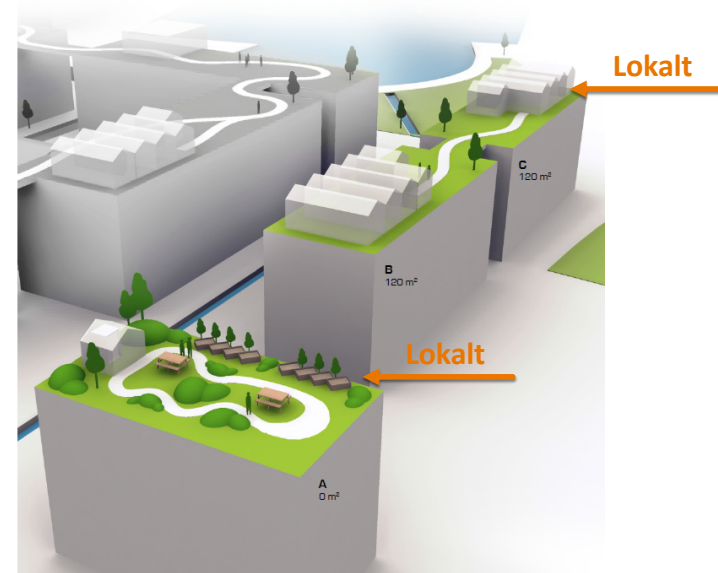
BENEFITS OF EATING MUSHROOMS

- 1 Rich Source of Essential Nutrition
 - 2 Alleviates Adrenal Fatigue
 - 3 Fights Inflammation
 - 4 Helps Fight Cancer
 - 5 Helps Manage Weight
 - 6 Lowers Cholesterol
 - 7 Lowers Blood Pressure
 - 8 Enhances Memory
 - 9 Enhances Iron Absorption
 - 10 Boosts the Immune System
 - 11 Helps Prevent Diabetes
 - 12 Aids Nutrient Absorption
- 



Tonn 2017







Fra [Youtube-videoen Circular food](#). Halv times populærverson av min phd-avhandling + åpen online disputas 22.6 på Zoom, se UiO-sidene

Takk for oppmerksomheten!

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