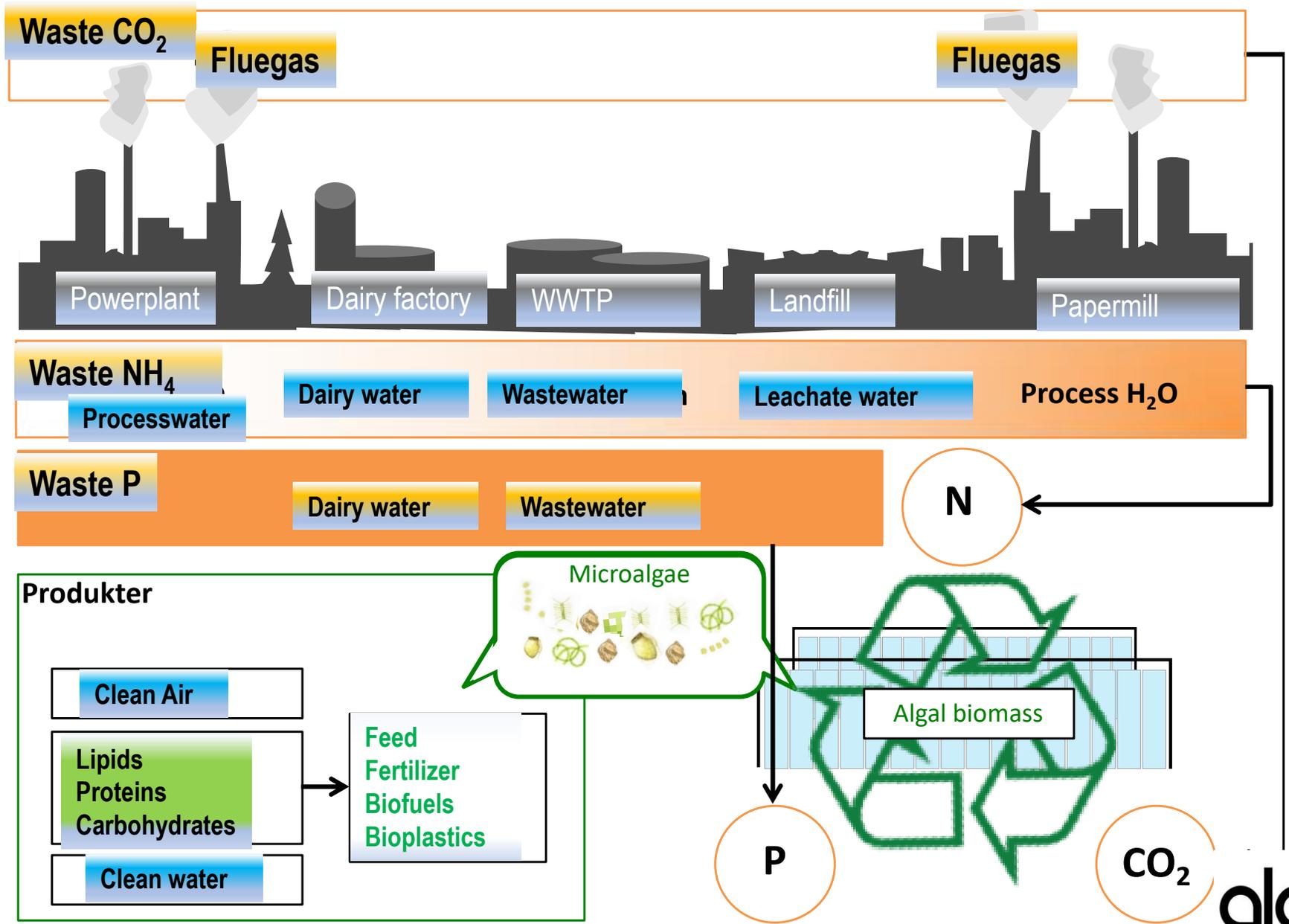
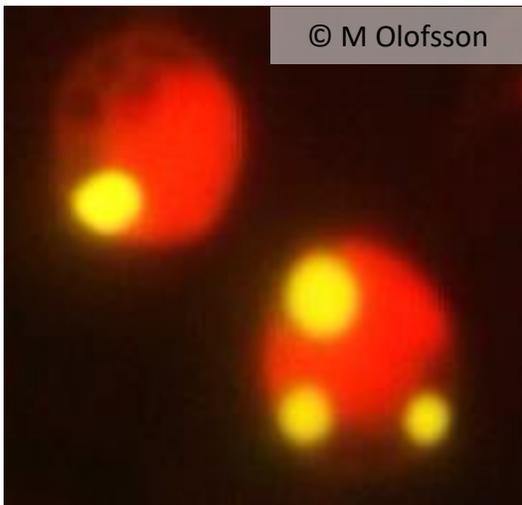
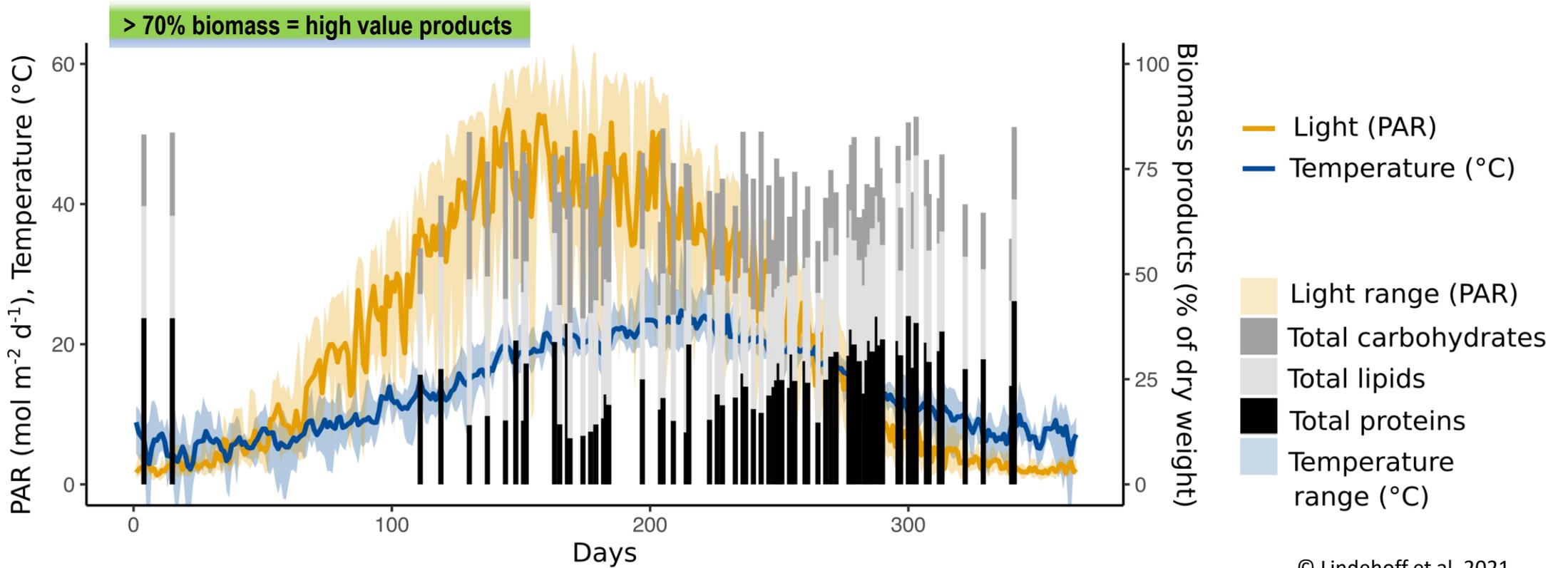


# Industry and ecology together

- *Microalgae = Microheroes*
- *Recovery of CO<sub>2</sub>*
- *Recovery of nutrients*
- *High value products*
- *Poultry feed*







5 yrs Algal production\_outdoors\_2014-2018  
 Optimal conditions (April - Nov), recovery 40%-60% of CO<sub>2</sub>  
 Biomass is safe for biofuel, fertilizer, animal feed



- Algae and eggs are safe
- Hens liked the algal-mix
- Panel tests of taste/texture of eggs

# Suggestions for policies/Roadmap Algae

- Algae definition = photosynthetic protists and prokaryotes (hence, macro/microalgae, seagrass and cyanobacteria).
- The value of algal biomass grown in waste streams (waste/recycled water and CO2 flue gas/biogas).
- The need to develop Safety Standards for Algae grown in various (sea, fresh, recycled, waste) water streams. Recycling/cleaning water and algal production should not be in conflict (water shortage, health, economy).
  - What define that algae grown using waste (water and air) streams are considered waste or not?
  - What current regulations apply to algal biomass?
- To encourage the RECOVERY of nutrients (P, N) from sustainable crops as algae.
- The recognition of the trained workforce in the field of Algae blue bioeconomy, often highly skilled, mostly cross-disciplinary trained.