

Green Valleys is situated at the centre of the current landscape of societal policies, research strategies and megatrends

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**Green Valleys** shows how circular green bioeconomy can  
use the potential of agriculture by investing  
in green biorefinery

# Current relevant policies

## The EU

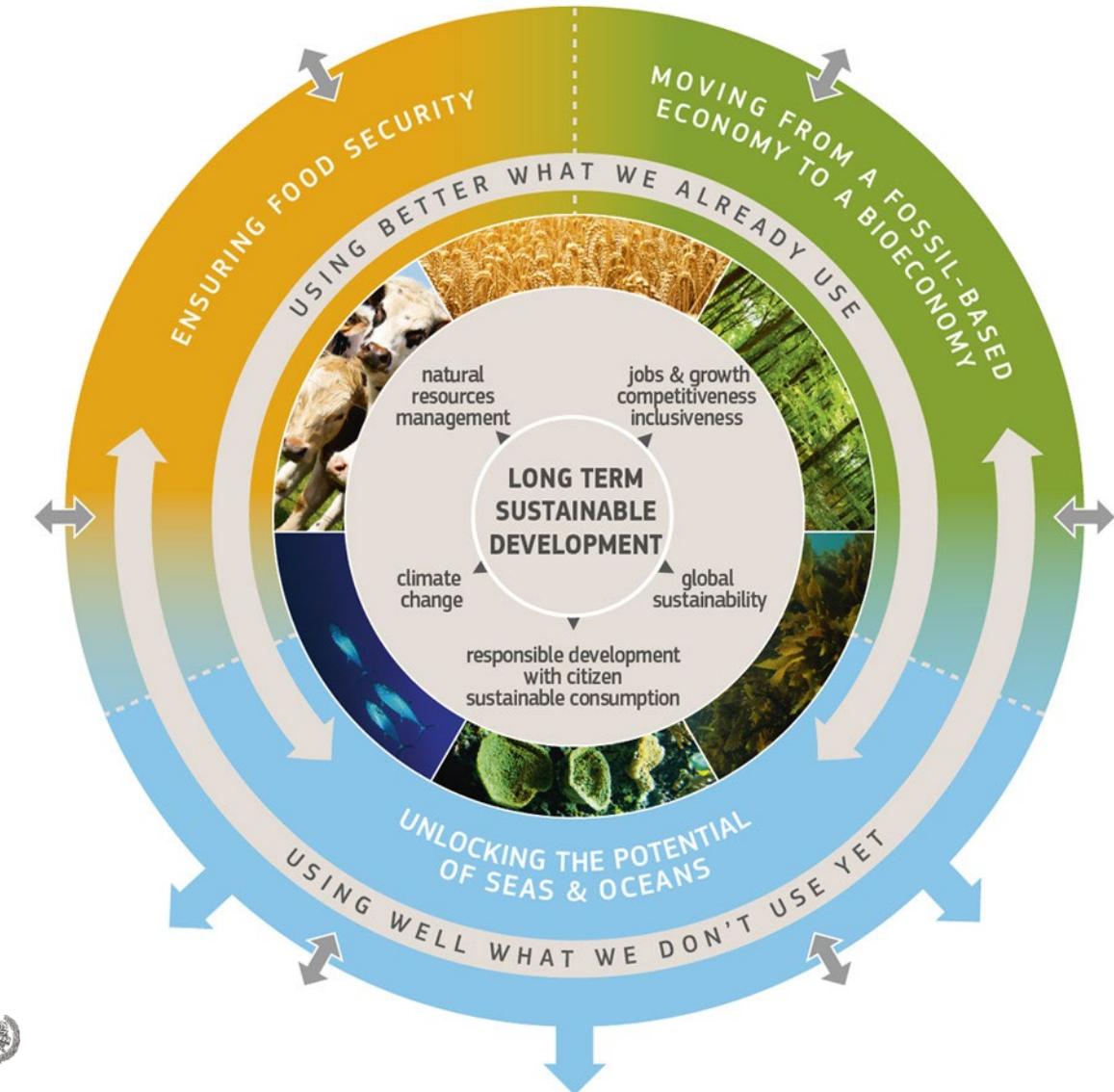
- **EU Bioeconomy Strategy 10/2018:** [https://ec.europa.eu/info/research-and-innovation/research-area/environment/bioeconomy/bioeconomy-strategy\\_en](https://ec.europa.eu/info/research-and-innovation/research-area/environment/bioeconomy/bioeconomy-strategy_en)
- **European Green Deal 12/2019:** [https://ec.europa.eu/info/sites/info/files/european-green-deal-communication\\_en.pdf](https://ec.europa.eu/info/sites/info/files/european-green-deal-communication_en.pdf)
- **EU Farm to Fork Strategy 5/2020:** [https://ec.europa.eu/food/farm2fork\\_en](https://ec.europa.eu/food/farm2fork_en)
- **Common Agricultural Policy 01/2023:** [https://ec.europa.eu/info/food-farming-fisheries/key-policies/common-agricultural-policy/future-cap\\_da](https://ec.europa.eu/info/food-farming-fisheries/key-policies/common-agricultural-policy/future-cap_da)

## Denmark

- **Grøn omstilling 9/2020:** <https://kefm.dk/aktuelt/nyheder/2020/sep/en-groen-og-baeredygtig-verden-%E2%80%93-regeringens-langsigtede-strategi-for-global-klimaindsats>
- **Grøn forskningsstrategi: 9/2020:** <https://ufm.dk/forskning-og-innovation/indsatsområder/gron-forskningsstrategi>
- **Klimaplan for landbruget 4/2021:** <https://fvm.dk/nyheder/nyhed/nyhed/regeringen-viser-vejen-til-at-reducere-co2-udslippet-i-landbruget-med-71-mio-tons/>

## Sweden?

# The EU Bioeconomy strategy



# European Green Deal 12/2019

## now going local in the regions



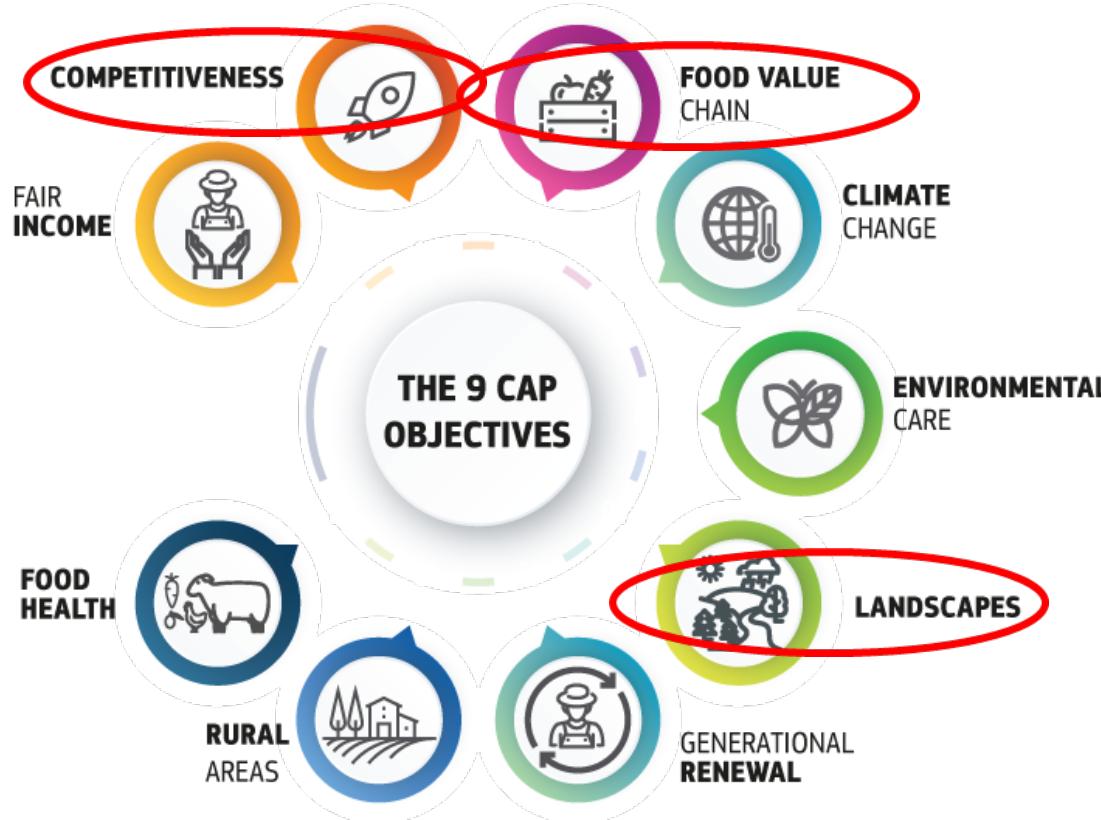
# Farm to fork strategy

## 05/2020



"The circular bio-based economy is still a largely untapped potential for farmers and their cooperatives. For example, **advanced bio-refineries** that produce bio-fertilisers, **protein feed**, **bioenergy**, and bio-chemicals offer opportunities for the transition to a climate-neutral European economy and the creation of new jobs in primary production. Farmers should grasp opportunities to reduce methane emissions from livestock by developing the production of renewable energy and investing in **anaerobic digesters** for biogas production from agriculture waste and residues, such as manure."

# EU Common Agricultural Policy (CAP) 01/2023



# Grøn omstilling 9/2020

## Danmark i en global kontekst

Grønne teknologier, energieffektivitet, effektiv udnyttelse og genanvendelse af ressourcer, **ændrede dyrknings- og produktionsmetoder i landbruget**, reduceret afskovning, innovation og **nye teknologier** er nødvendige for at modvirke og tilpasse os klimaforandringerne. Etablering af en **cirkulær økonomi** er derfor også en central del af den grønne omstilling.

# Fremtidens grønne løsninger – Strategi for investeringer i grøn forskning, teknologi og innovation



Fangst og lagring  
eller anvendelse  
af CO<sub>2</sub>

Grønne  
brændstoffer til  
transport og industri  
(Power-to-X mv)

Klima- og  
miljøvenligt landbrug  
og fødevare-  
produktion

Genanvendelse  
og reduktion af  
plastaffald

# Klimaplan for dansk landbrug

”Regeringen vil afsætte 260 mio. kr. til bioraffinering af græs,  
så det høje proteinindhold kan bruges til foder og dermed  
erstatte import af soja. Hertil er græs også mere klima- og  
miljøvenligt per areal end de dominerende etårige afgrøder i  
Danmark”

- Plant-based foods
- Functional ingredients
- Sustainability
- Transparency



*Food Industry Executive, 12/2020*

# Green Valleys project presentation

Green Valleys is a three year EU-financed project with the objective to establish a platform for developing green biorefining. By building green biorefinery plants in Töreboda, Västra Götaland and in Foulum, Midtjylland, we make the technology available by demonstrating how **biorefining can use perennial grass and legumes to produce regional energy** and high-value protein for feed.

By a Swedish-Danish research cooperation we will show stake-holders how **circular green bioeconomy can use the potential of agriculture**. We study the **climate and environmental benefits** in regionally grown grasslands harvested and processed to **sustainable energy and high value feed**.



