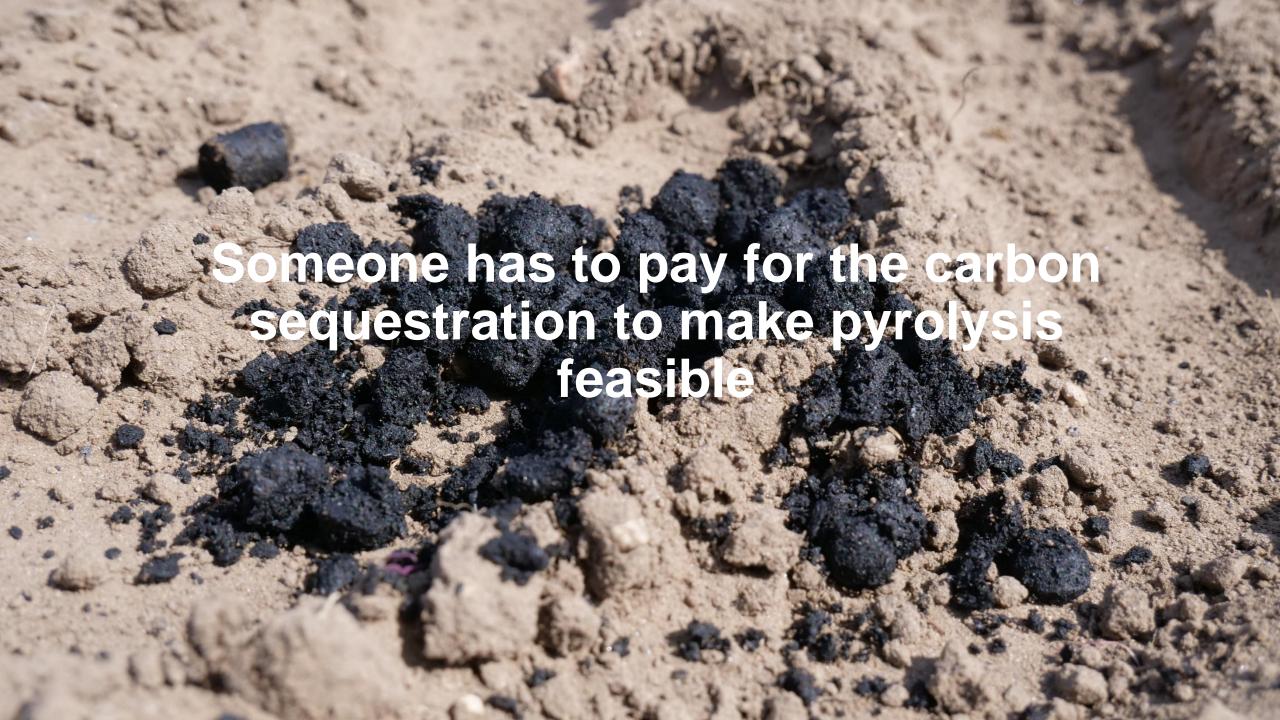
Business case of pyrolysis – who will own the carbon credits and how can the GHG-reduction be used?

Lars Villadsgaard Toft
Chief consultant, Biogas & Biorefining

October 2024





THE VOLUNTARY CARBON CREDIT MARKET

- Carbon credit standards have been established to strengthen the credibility.
- Third-party verifications are typically used to strengthen credibility.
- NASDAQ has established a marketplace for carbon credits from biochar.
- The price of climate credits varies from a few dollars to several hundred dollars, depending on the initiative.
- In 2022 biochar carbon credits of 237,000 ton of CO₂ were sold.



THE VOLUNTARY CARBON CREDIT MARKET



baseret denne teknologi. Foto: Stiesdal.

FØDEVARER

Prisen var 160 euro per ton: Stiesdal sælger Danmarks første klimacertifikater fra biokul til schweizisk helikopterfirma

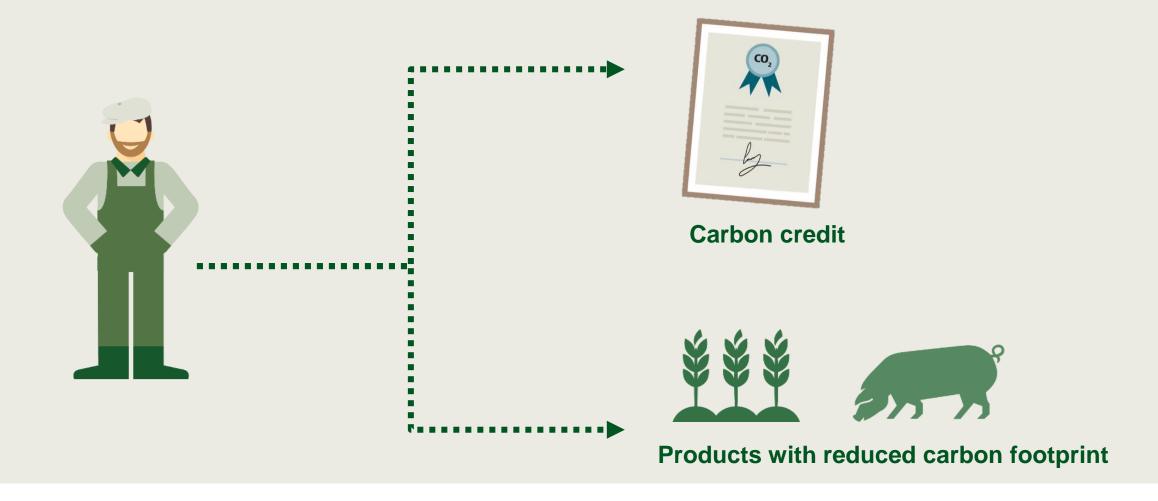
Det var en skelsættende begivenhed, da Stiesdal mandag den 3. juli solgte det første danske klimacertifikat baseret på biokul. Nu er processen i gang, og det kommer kun til at vokse fra nu af, lover firmaet.



The EU carbon removal certification framework

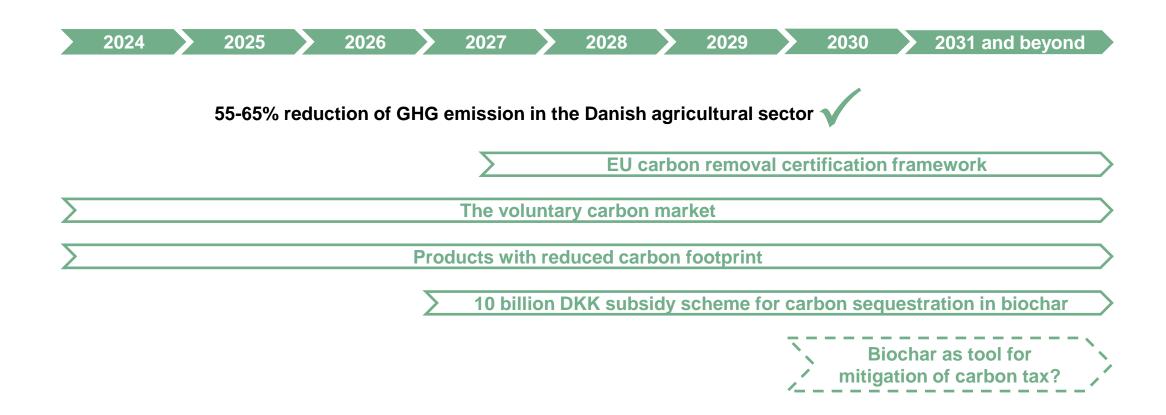


CARBON CREDITS OR CARBON NEUTRAL PRODUCTS?



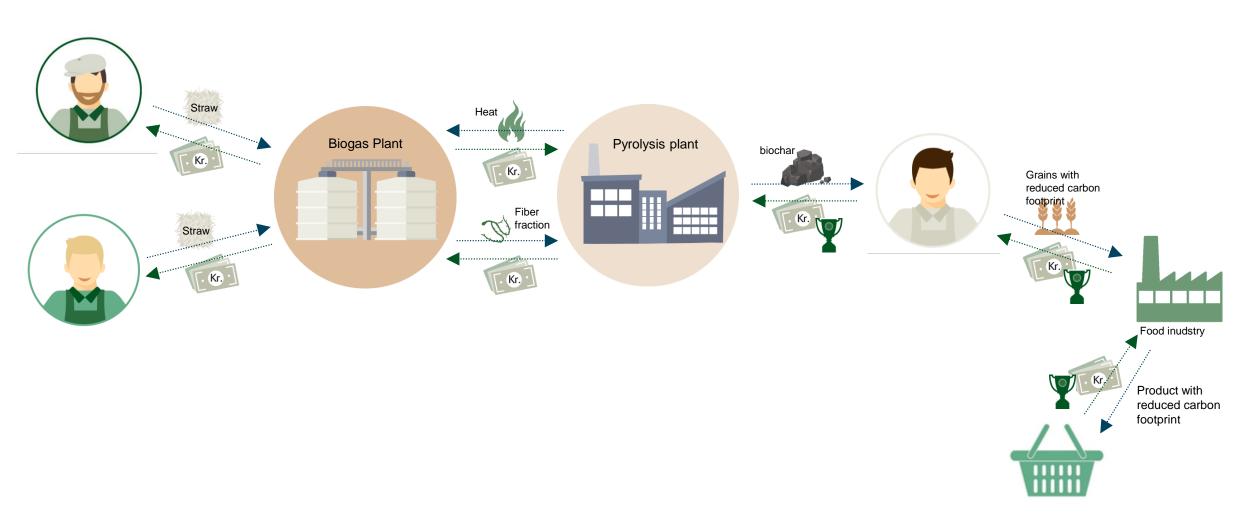


Options to create and share economic value from carbon sequestration





MODEL 1: NO CARBON CREDITS





MODEL 2: CARBON CREDITS

