

Greater BIO

- A danish-swedish collaboration

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About the Greater BIO project

Project length: From 2020-01-01 to 2022-09-30.

The project is lead of: Gate 21

Total budget: 2 171 938 EURO

Granted funds: 1 085 969 EURO

Financing: INTERREG ÖKS (Öresund-Kattegat-Skagerrak) och Skåne Region.



Main goals

- Increase the collection and use of biomass.
- Increase biogas production from new biomasses that do not have better use.
- Investigate the usefulness of biochar.
- Promote biodiversity.
- Optimize the use of biomass by sharing knowledge between municipalities that actively work with bioeconomy. Based on this develop a tool or a method that facilitates a municipality to evaluate the best use of a specific biomass.



Cases in Greater BIO

Case 1. A network for the municipalities and to create a valuation tool

Case 2. Seaweed

Case 3. Grass

Case 4. Biochar

Case 5. Biogas from organic waste

Case 6. Biogas in Lolland's energy system

Case 7. Bio-based material





Case 2 - Seaweed

Partners: Gate 21, Roskilde university, Trelleborgs municipality, Odsherred municipality, Sustainable Business Hub, Skåne Energy Agency

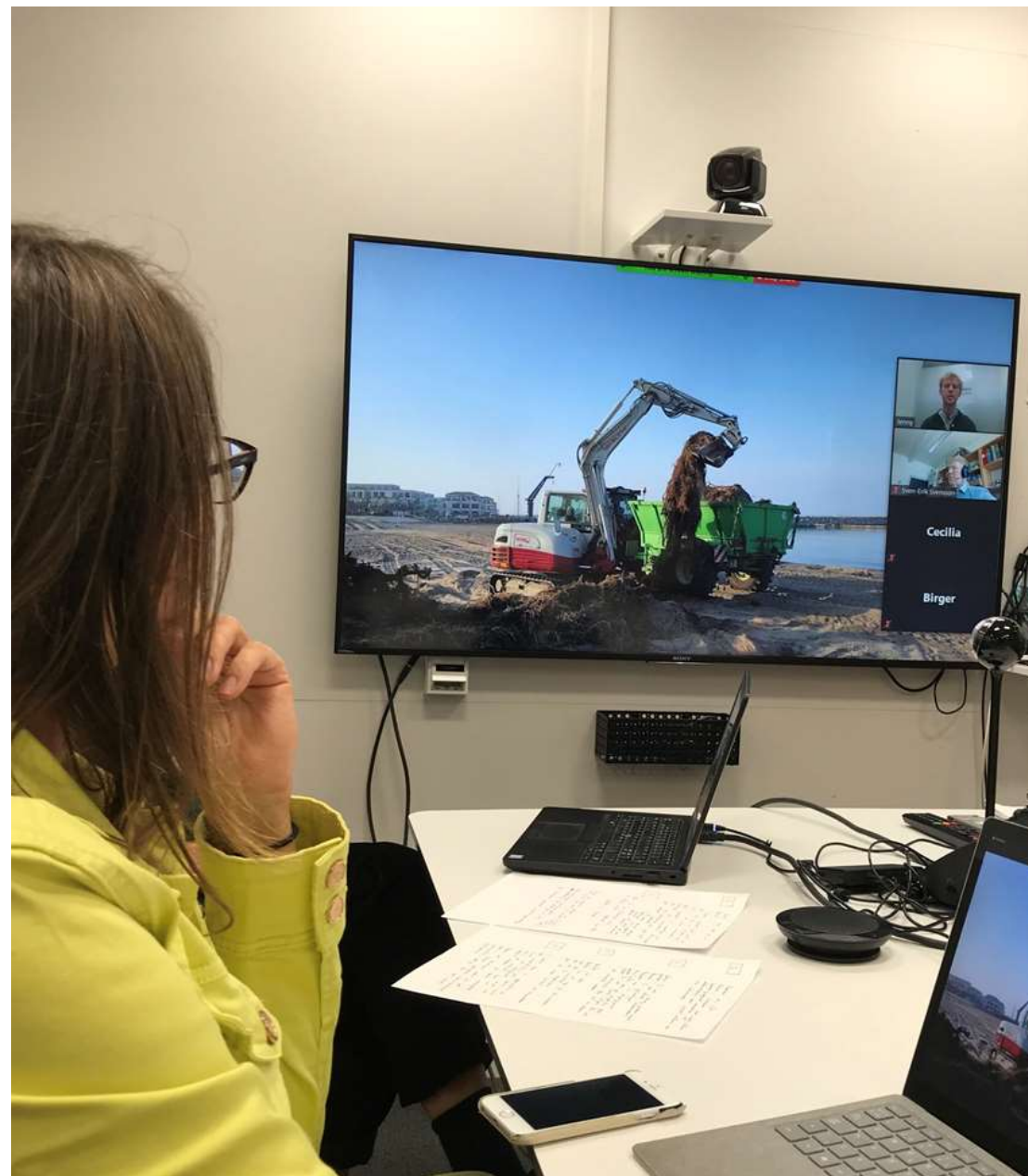
The purpose:

- 1) to identify good collection methods and clarify rules and regulations for collection,
- 2) carry out environmental analyzes and economic analyzes to be able to compare the efficiency in different uses for cadmium-containing seaweed and
- 3) develop a concept or business model for how a municipality can attract companies to receive and use the seaweed.



Done so far

- Review reports from the last 15 years to date
- Initiate collaborations with similar ongoing projects
- Collecting seaweed in Sweden and Denmark? - legislation
- Webinar, instead of a study visit to the Solröd biogas plant
- Look at innovative methods of collecting seaweed offshore
- Document invertebrates in seaweed on Trelleborgs beaches



Thank you for listening!



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