

NATURE BASED SOLUTIONS IN THE BALTIC SEA AS A TOPIC OF PUBLIC INTEREST



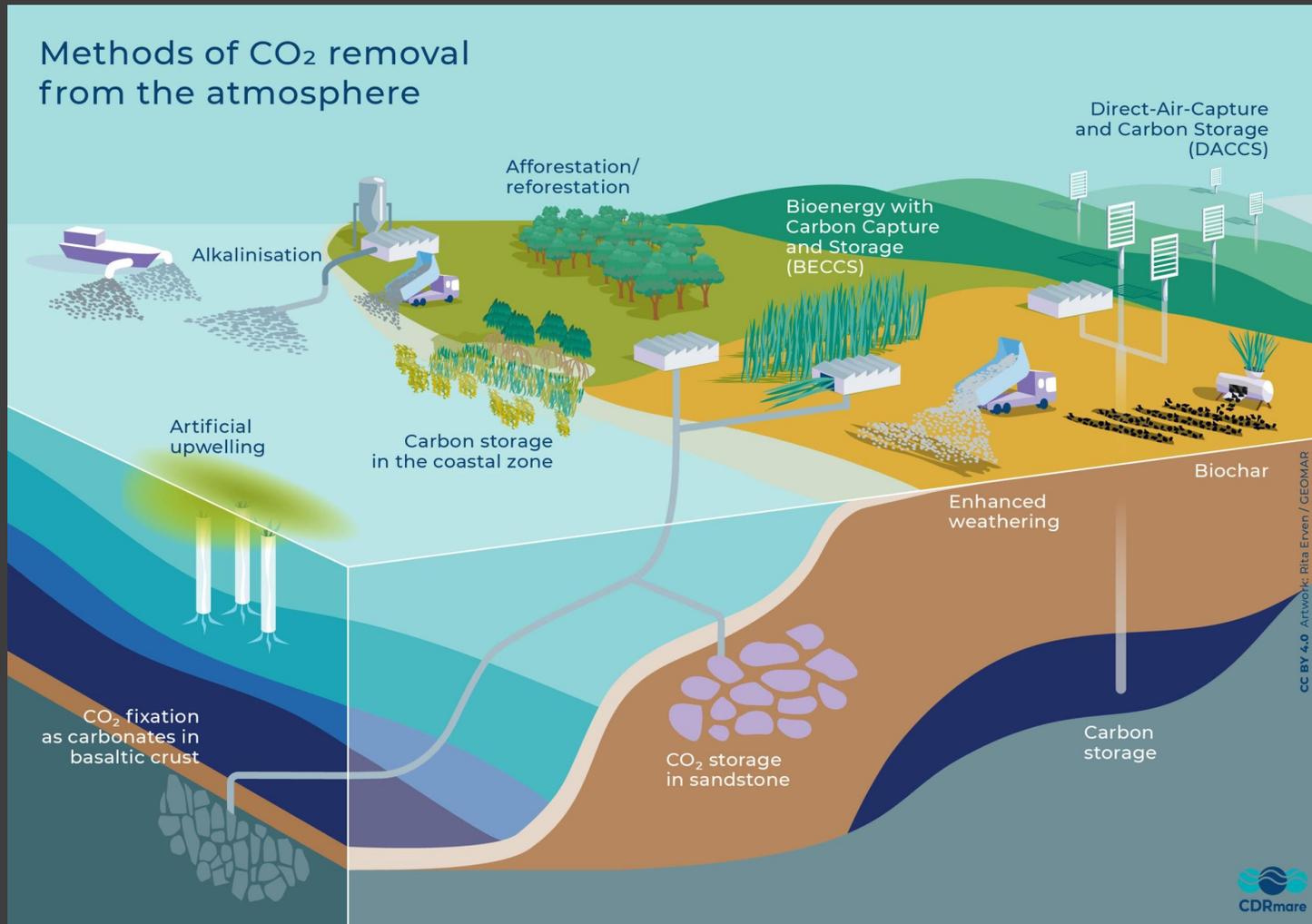
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1. The Baltic Sea and Kiel
 2. Negative Emissions and Possibilities in the Baltic Sea
 3. The Audio Library
 4. The Tiny Townhall
 5. The International Agenda



KIEL IN THE BALTIC SEA REGION

- Baltic Sea as an inland sea with dunes, but neither tide nor Wadden Sea
- Kiel has 250.000 inhabitants.
- Traditionally important shipyards and manufacturing.
- Naval base of the Bundeswehr.
- High degree of poverty segregation.

NEGATIVE EMISSIONS AND POSSIBILITIES IN THE BALTIC SEA



- Negative Emissions are required to reach global climate targets.
- Carbon Storage is possible in sandstone (Norway) and in Seaweed.
- Who gets to decide and who will even be informed about what is happening? Social acceptance and democratic decision making as leading principles and factors for success.
- Traditional participatory concept often fail to be accessible.

MAKING SCIENTIFIC KNOWLEDGE ACCESSIBLE

- “Simple questions? Competent answers!”
- Interviews with scientists and local actors from different fields.



(6)

Sönke Schuster Spokesperson from the Kieler Küstenkraftwerk
The way of the power plant towards climate neutrality



(5)

Junior Prof. Christian Baatz Climate ethicist at CAU Kiel
Ethical decision making of carbon capture methods implementation



(8)

Dr. Philipp Schubert Seagrass Biologist from GEOMAR
Planting seagrass to remove CO2 in the Kieler Förde



(7)

Dr. Jessica Strefler Scientist from the Potsdam Institute for Climate Impact Research
Transformation pathways towards net zero emissions in Germany



(9)

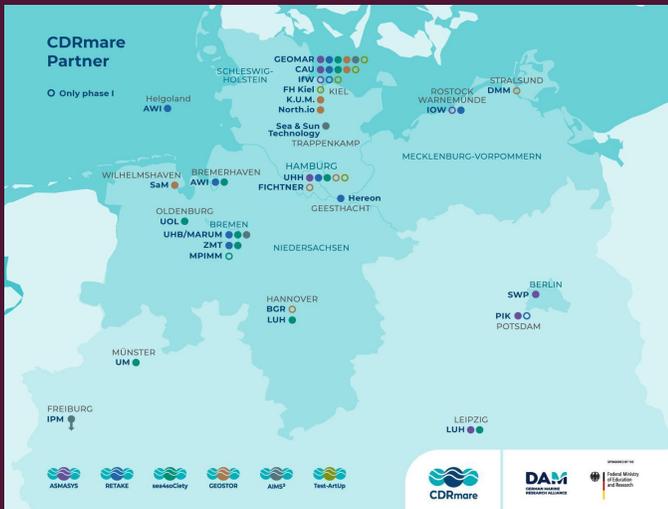
Andrea Wunsch Researcher from the Institute for the World Economy Kiel
Acceptance of planting seagrass among German citizens

Listen for yourself:



THE AUDIO LIBRARY

- Short snip bits having simple naïve questions as topics from the different interdisciplinary voices.
- Being made accessible at the CDRmare website for marine Carbon capture.



<https://cdrmare.de/en/>

aAW_Wer bist du und woran arbeitest du?
Andrea Wunsch (Institut für Weltwirtschaft)

CO2-Bindung in der Ostsee

42 TITEL / 1 STD., 18 MIN.

Beschreibung hinzufügen

▶ Wiedergabe
🔀 Zufällige Wiedergabe

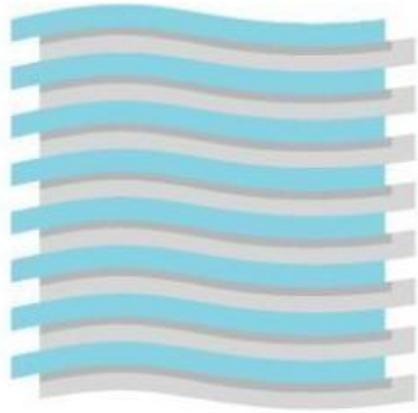
Titel	Künstler:in
aAW_Wer bist du und woran arbeitest du?	Andrea Wunsch (Institut für Weltwirtschaft)
AW_Seegraswiesenansiedlung und die Frage wer das zahlt	Andrea Wunsch (Institut für Weltwirtschaft)
AW_Was macht ihr in eurem Projekt "SeaStore"?	Andrea Wunsch (Institut für Weltwirtschaft)
AW_Welche Rolle spielen die Kosten bei der Akzeptanz?	Andrea Wunsch (Institut für Weltwirtschaft)
AW_Welche Rolle spielt die Nähe zum Meer bei der Akzeptanz?	Andrea Wunsch (Institut für Weltwirtschaft)
AW_Wie ist die die Akzeptanz für die Wiederansiedlung von S...	Andrea Wunsch (Institut für Weltwirtschaft)
AW_Wie kann man Akzeptanz für CO2-Speicherung überhau...	Andrea Wunsch (Institut für Weltwirtschaft)
aJS_Wer bist du und was ist dein Beruf?	Dr. Jessica Strefler (Potsdam Institut für Klima...
.JS Vermeidung von Emission und Speicherung von nicht ver...	Dr. Jessica Strefler (Potsdam Institut für Klima...



tiny rathaus

THE TINY TOWNHALL

- Mobile open space to bring the townhall to the people, especially in segregated areas.
- Less obstacles compared to universities, research institutions and associations/clubs.



BSPC | Baltic Sea Parliamentary Conference



THE INTERNATIONAL AGENDA

- 9.5 neighboring member states + EU Parliament and Commission in political dialogue
- Common interests like security, democracy, trade, tourism, ecosystem conservation, ammunition etc.



Foto: Uli Kunz / Submaris



THANK YOU