BUILDING A SUSTAINABLE TOMORROW: DECARBONISATION IN THE CEMENT INDUSTRY

Baltic Carbon Forum 2024

Eglė Jankauskienė



Baustoff leben



SCHWENK BUILDING MATERIALS GROUP

SCHWENK GLOBAL

SCHWENK was founded in Ulm in 1847 making it one of the oldest family companies in the German building materials industry.

SCHWENK is represented on the market internationally with a large number of investments and subsidiaries. They form a wide-ranging portfolio – from suppliers of building materials to research companies.

SCHWENK DIVISIONS





SCHWENK UNDERSTANDING



Sustainable building material solutions for future generations

MISSION

Development of CO₂ neutral products and processes with the help of outstanding employess and innovative technologies





MORE THAN THE

SUM OF PARTS

AKMENĖS CEMENTAS – PART OF THE SCHWENK

AKMENĖS CEMENTAS

Akmenės cementas operating since 1952 is the only one cement plant in Lithuania and biggest in the Baltics. Part of SCHWENK since 2021.



AKMENĖS CEMENTAS CO₂ TARGETS

TARGET 1

Reduction of the average CO₂ emission factor of the clinker production till 2033 by saving approximately **78 000 t CO**₂ per year



TARGET 2

Reduction of the average clinker factor (% clinker in cement) till 2033 to a level enabling clinker savings of **257 000 t**



TARGET 3

CO₂ neutral cement plant by 2033 which will utilise the currently developed technologies for CO₂ capture, storage and utilisation

CO2 REDUCTION ROADMAP



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WHAT REMAINS TO BE DONE TO ESTABLISH CC IN INDUSTRIAL SECTOR?



Advocate for EU strategy for CCS, outlining the targets, policies and business models.
Work with policymakers to create an environment for CCS investment.

Educate the public about CCS benefits, safety measures and environmental impact.

Address any misconceptions or concerns related to CO2 storaging.

Assess the economic viability of CCS projects.

Secure funding and finansing mechanisms for infrastructure development.



SCHWENK

Akmenės CEMENTAS

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