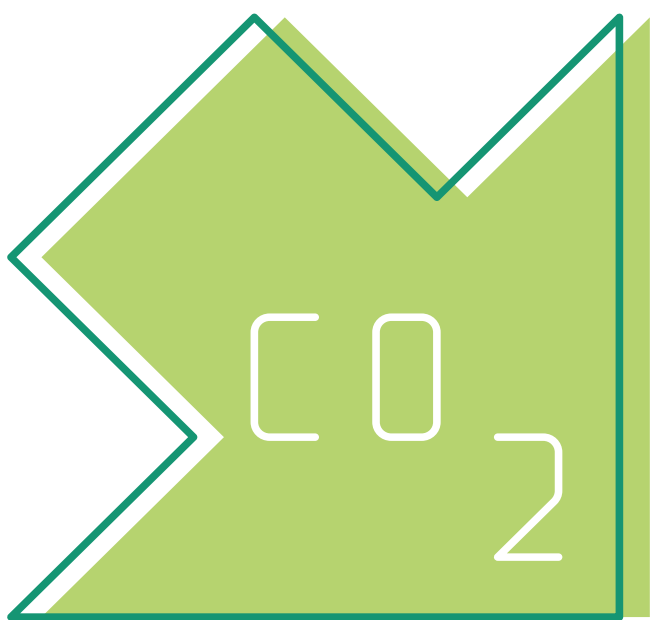




About

CemeCon Scandinavia A/S develops and produces high-quality PVD coatings for tools and components for the entire manufacturing industry while providing expert consultancy services. Its coatings and services are focused on environmentally friendly solutions that improve productivity, reduce energy consumption, and replace old hazardous coatings in the manufacturing industry.



- **CO₂ Emissions Reduction**
- **Eco-Friendly Alternative**
- **Low Friction Coefficient**
- **Enhanced Durability**
- **Longer Equipment Lifespan and Reduced Down Time**

In **CIRCULAR BIOCARBON**, CemeCon Scandinavia A/S will utilise building blocks from the biorefinery for the development of new, sustainable surface coatings for wear protection of tool surfaces and production optimisation.

Environmental benefits — Opportunities for upscaling

- **Improving tool lifetime:** thereby reducing the use of raw materials for tool replacement.
- **Improving productivity:** reduced down time, higher throughput as well as reducing the energy consumption for production.
- **Reducing scrap rates:** optimised production leads to fewer products of poor quality that are discarded.

CemeCon Scandinavia A/S will upscale the production of the new coatings to both their large customer base across the European manufacturing industry, as well as to coating centres and tool makers who wish to expand their portfolio with green solutions.

The coatings that are developed through the **CIRCULAR BIOCARBON** project will use the latest HiPIMS technology from CemeCon. This will make it possible to sell and transfer the developed coatings to all existing CemeCon HiPIMS coating units globally, as well as supply it with new coating units.