



# Decarbonization Strategies

Your roadmap towards sustainability

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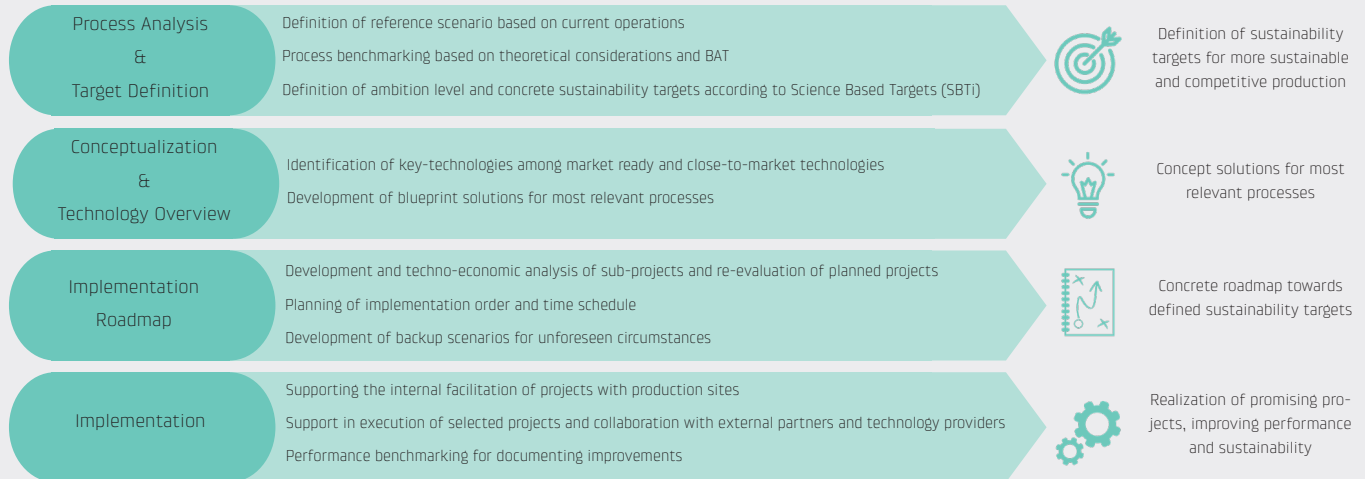


**DANISH  
TECHNOLOGICAL  
INSTITUTE**

Energy and Climate

# Decarbonizing processes while increasing performance

With the development of decarbonization strategies, we are supporting our industrial partners in reaching their climate ambitions while becoming more sustainable and competitive. Mastering the transition towards sustainable production in an optimal way requires a sophisticated long-term strategy, which is tailored for your specific case.



## Your Benefits The development of a decarbonization strategy will provide you with various outcomes:

- Clearly defined decarbonization targets
- Overview of immediate projects and strategic projects
- Overview of relevant technologies
- Concept solutions for your processes and decision support
- Implementation strategies incl. prioritized projects and fallback strategies
- Guidelines and support for implementation of projects
- Optimal, cost-effective transition towards sustainability and omission of short-sighted, sub-optimal investments



## Your independent technology expert

Defining and implementing a decarbonization strategy for reaching your climate goals require a comprehensive understanding of your processes as well as the relevant technologies and their expected developments.

70+ independent laboratories, several years of experience, and a broad network among technology suppliers make Danish Technological Institute your ideal partner. Our broad knowledge of various technologies and future trends paired with our independence will provide you with the certainty that your long-term strategy is independent of temporary trends based on the interest of the suppliers.

Our services focus typically on energy streams (heating & cooling, electricity, fuels) and GHG emissions while water and other resources can be included as well.

## Methods

- Energy mapping through existing data and additional measurements
- Process modelling and digital twins – also accessible by customers
- Technology screening and evaluation
- Techno-economic analysis for creating a decision basis
- Workshops with internal and external participants
- Identification of subsidy and funding opportunities



## Want to know more?

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**For enquiries about our services or discussion of your specific case, please contact:**

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### Selected industries and applications

- Food & beverage industries such as dairy, slaughterhouses, breweries, pet food production
- Pulp and paper
- Chemicals
- Energy utility companies and district heating
- Industrial laundries
- Industrial networks, parks, and symbioses
- Airports

Please reach out for specific references in your sector