

An aerial photograph of a wind farm. In the foreground, a large white wind turbine stands prominently. Behind it, a power plant facility is visible, featuring several large black cylindrical storage tanks and a white spherical tank. The background shows a vast green landscape with numerous other wind turbines stretching towards the horizon under a clear blue sky. A white geometric grid pattern is overlaid on the bottom portion of the image.

GreenLab

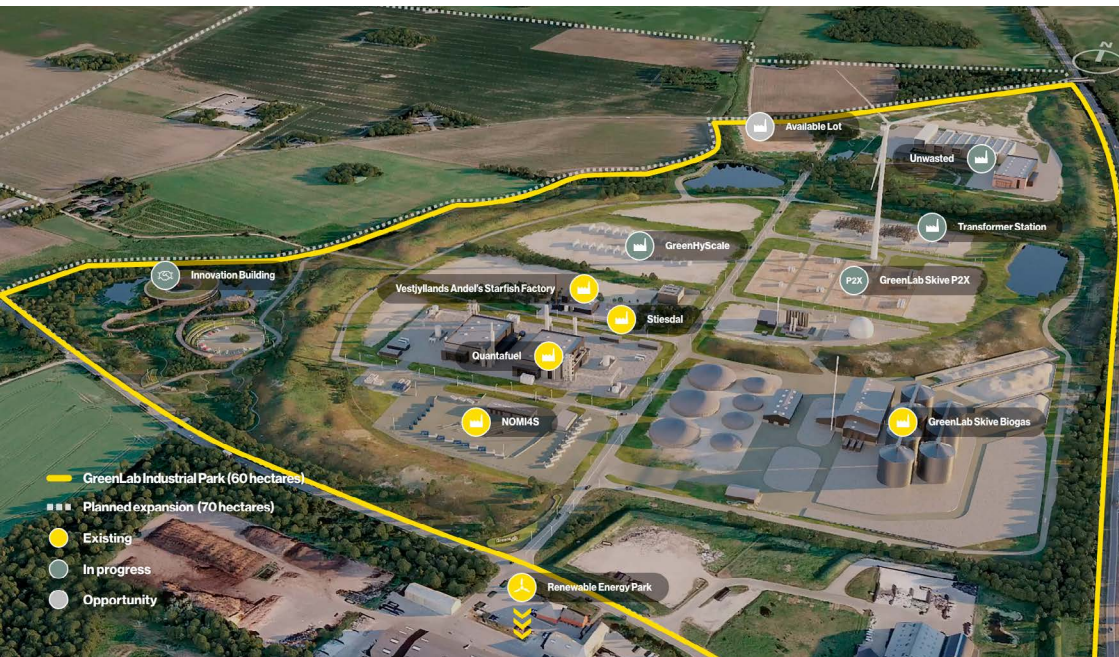
LET'S CREATE  
A POWER SHIFT

# GreenLab: A green and circular industrial park

GreenLab is the green industrial park of the future for companies that want to contribute to the green transition.

Here, sustainable energy is generated and supplied to the park's companies via a direct connection, and the companies in the park can share their surplus energy and resources with each other through the SymbiosisNet™ - an intelligent network of energy and data.

The GreenLab model demonstrates how different energy sectors can be integrated in a unique interplay between green hydrogen, industry, and energy infrastructure.



# We are a technology enabler and mission-driven research facility

We accelerate new technologies to commercial scale and go quickly from theory to reality. That means we reduce time-to-market for viable technologies and provide an important testbed for some of the world's best academics concerned with the challenges of the green transition and industrial energy waste.

We work with mission-driven research, which is a multi-stakeholder, boundary-crossing, interdisciplinary approach to so-called wicked problems.

Research at  
GreenLab 

## An ambitious global project with local roots

GreenLab is an example of an ambitious global project with a strong local anchorage. Through hard work and persistence, GreenLab has proven itself as a business case that has benefitted local growth and employment to a very high degree.

Today, GreenLab attracts highly qualified professionals to the area and – in collaboration with external partners – takes on responsibility for the education of the future workforce within renewable energy.

The goal is to replicate GreenLab globally to optimise energy usage and create green growth.

Making a global  
impact 

# The companies in GreenLab's industrial park

Below, you can get an overview of the companies in our industrial park. GreenLab also has a series of external partners that can be found on our website.



## Stiesdal

Stiesdal's SkyClean plant utilises straw and other agricultural residues to make biochar for the capture and storage of CO<sub>2</sub>. They also supply excess heat to the biogas plant at GreenLab.

## GreenHyScale – 6 MW PtX test facility

international partners. The first 6MW test facility was delivered in April 2023 and is expected to expand continuously.



## Quantafuel

Quantafuel produces chemical oil out of non-recyclable plastic through pyrolysis technology. The oil can be used to make new plastic products or other chemical products.

## Vestjyllands Andel's Starfish Factory

Vestjyllands Andel's starfish factory produces protein-rich animal feed from starfish caught in an environmentally friendly way in Limfjorden and thus offers a local and sustainable alternative to imported soy protein.



## GreenLab Skive Biogas

GreenLab's biogas plant produces heat from manure and waste from various production units. They utilise excess heat from Stiesdal's skyclean plant in their production.



## GreenLab Skive Vind powered by Eurowind Energy

GreenLab Skive Vind is responsible for the 80 MW hybrid energy park that supplies GreenLab and the companies with renewable energy.



## NOMI 4S's waste facility

NOMI 4S handles waste - or rather, resources - for GreenLab and four municipalities. In the future, they will supply companies in GreenLab with various resources, e.g., plastic and cardboard.



## Organic Fuel Technology (coming soon)

Organic Fuel Technology produces green fuels and specialises in converting biological waste e.g., sludge from waterworks into green fuels using a microwave reactor technology.



## Unwasted (coming soon)

Unwasted is a British company that produces a sustainable alternative to conventional construction boards by upcycling and repurposing waste cardboard and packaging.

### GreenLab

Næstildvej 10A

DK-7860 Spøttrup

info@greenlab.dk

**GreenLab**