

# GreenLab: Green Energy Park and beyond



## A unique green, circular energy park – and a frontrunner in PtX

GreenLab is the green energy 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 in the form that suits them best. The energy is then transformed into heat, electrofuels, and other green products. In the energy park, everything is connected by the so-called SymbiosisNet – an intelligent network of energy and data that enables companies to share their surplus energy and resources.

GreenLab is also a frontrunner in PtX and expects to launch the world's first full-scale 12 MW PtX production facility in the beginning of 2023. PtX is of crucial importance to the green transition.

## A technology catalyst and a national research facility

GreenLab provides a testbed for some of the world's best academics concerned with the challenges posed by sustainable energy solutions. Here, scientists turn theory into practice and use GreenLab as a research and innovation platform. GreenLab's ambition is to create new markets for technology and energy companies that want to explore and capitalize on sustainable production and PtX technologies.

## An ambitious project with local roots demonstrating growth and increased employment

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

Skive Municipality has invested in the region's strengths within energy and innovation since 2008 and established a unit to oversee the efforts early on. This unit was successful in bringing together a group of companies that all wanted to establish an energy symbiosis. In 2014-2015, GreenLab started taking shape.

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

## GreenLab

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## The companies in GreenLab's energy park

All the companies in GreenLab are part of the SymbiosisNet and only two lots are available in the park.

Below, you can get an overview of the park's current companies. GreenLab also has a series of external partners that can be found here: <https://www.greenlab.dk/our-partners/>

**Eurowind Energy:** Eurowind Energy is responsible for the 13 wind turbines and the solar energy park that provides green power to the entire park. Respectively 54 MW wind energy and 24 MW solar energy.

**NOMI 4s resource handling:** NOMI 4s handles waste – or rather, recourses – for GreenLab as well as for four municipalities. NOMI 4s also sources material streams for companies located in the industrial park

**Quantafuel:** Quantafuel produces high-quality synthetic fuels and chemical products based on non-recyclable plastic waste.

**Danish Marine Protein:** Danish Marine Protein produces protein for animal feed based on star fish sourced from Limfjorden. Star fish protein is a sustainable alternative to soy and is used as an ingredient in organic feed for pigs and chickens.

**GreenLab Skive Biogas:** At full capacity, GreenLab's biogas facility will produce 19 million m<sup>3</sup> of biogas per year – enough to heat up 8300 private homes. The biogas plant is flexible and handles both manure and waste from various production industries