



**GreenLab**

# **A UNIQUE AND CIRCULAR GREEN INDUSTRIAL PARK**

**Maximum green energy for minimum cost  
Choose a sustainable location for your business**

**Green industrial park – Technology enabler – National research facility  
Power-to-X and sector coupling in practice**



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Get to know us in  
120 seconds!  
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# Welcome to GreenLab – a truly green industrial park

Choose a location for your business that contributes actively to the green transition. GreenLab is the world's first green industrial park where all businesses are supplied with sustainable energy from multiple energy sources in the form that suits their production best. Soon, everyone will be connected to the SymbiosisNet™ – an intelligent network of energy and data that enables companies to share their surplus energy and resources.

## **Become part of an innovative collaboration**

GreenLab facilitates the connection of some of the most innovative players in the green energy industry. We collaborate with a strong consortium of partners, researchers, and innovators. The businesses here benefit from the network we are part of and its reputation as a global leader in circular economy and Power-to-X.

## **Plug-and-play facility for green production**

We have a cost-effective and flexible set-up ideal for production facilities that want to be a part of the green transition. All necessary infrastructure will be set up for you, and on-site facilities are available as sustainable, state-of-the-art solutions. All you need to do is focus on the development of your product or technology.







## The GreenLab package

- »»» Green industrial park with direct connection to wind and solar energy
- »»» Onsite infrastructure for power, hydrogen, biogas, low- and high-pressure steam, water loop, nitrogen, and methanol
- »»» Academy focused on the green transition including training of high-voltage professionals
- »»» Green Business advisory and knowledge Centre
- »»» Opportunity to become CO<sub>2</sub>-neutral or even CO<sub>2</sub>-negative
- »»» More time to focus on product and technology development

### Plots are available

GreenLab is 60 acres, and the majority of plots are taken with just a few remaining. An expansion of an additional 70 acres is planned, so even more opportunities will open soon.

Please contact Quentin Curtis, GreenLab Industry Advisor, or Jakob Hebsgaard Mogensen, Head of Business Development, to learn more.

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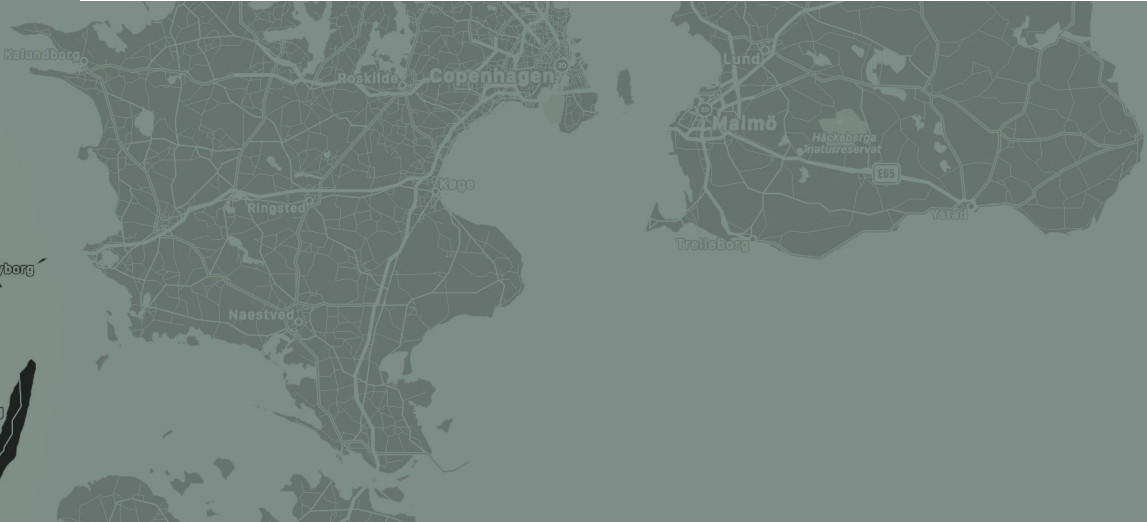




# A unique location

GreenLab is located in Skive, Denmark. Denmark is known as one of the most advanced countries when it comes to green technology, and the businesses here benefit from the comprehensive knowledge and experience as well as from one of the most reliable electricity and gas grids in the world.

GreenLab is partly owned by Skive Municipality, and there is a strong public desire to make GreenLab a success. That means we have a close collaboration with the municipality, and we have streamlined processes for obtaining building permits, environmental improvements, and more. GreenLab can act as both a green field and a brown field site that can be tailored specifically to your needs. Skive's rural location means easy regional access to industries and resources useful in the circular economy, particularly in farming and agriculture.





# Working in Denmark



Along with New Zealand and Finland, Denmark tops the 2021 Corruption Perceptions Index as the least corrupt country in the world.



Danes are efficient and always on time for meetings and appointments.



The Danish labour market is streamlined, and flexible, and local entities can assist in recruiting and hiring processes.



The world's first Ministry of Environment is Danish. Ever since the establishment in 1971, Denmark has been a frontrunner when it comes to green thinking. Denmark has a population of 5,8 mio. people and a total land area of 42,944 km<sup>2</sup>.



10 % of all globally traded goods are transported by Danish shipping containers, and Danish shipping has become increasingly sustainable.



Danish hierarchy is the flattest in the world. People relate to one another as equals regardless of job titles and formal positions. This makes work environments highly efficient, pleasant, and productive.



Out of all OECD countries, Denmark produces twice as much wind energy per capita as the runner-up. That is a world record!



# Energy and Resources

## The SymbiosisNet™

One of the unique advantages of being located in GreenLab, and something that separates us from other green industrial parks, is the access to our SymbiosisNet™. GreenLab's SymbiosisNet™ is an intelligent grid of energy and data that will let the companies in GreenLab share their surplus energy and resources.

## Synergy effects give you a competitive edge

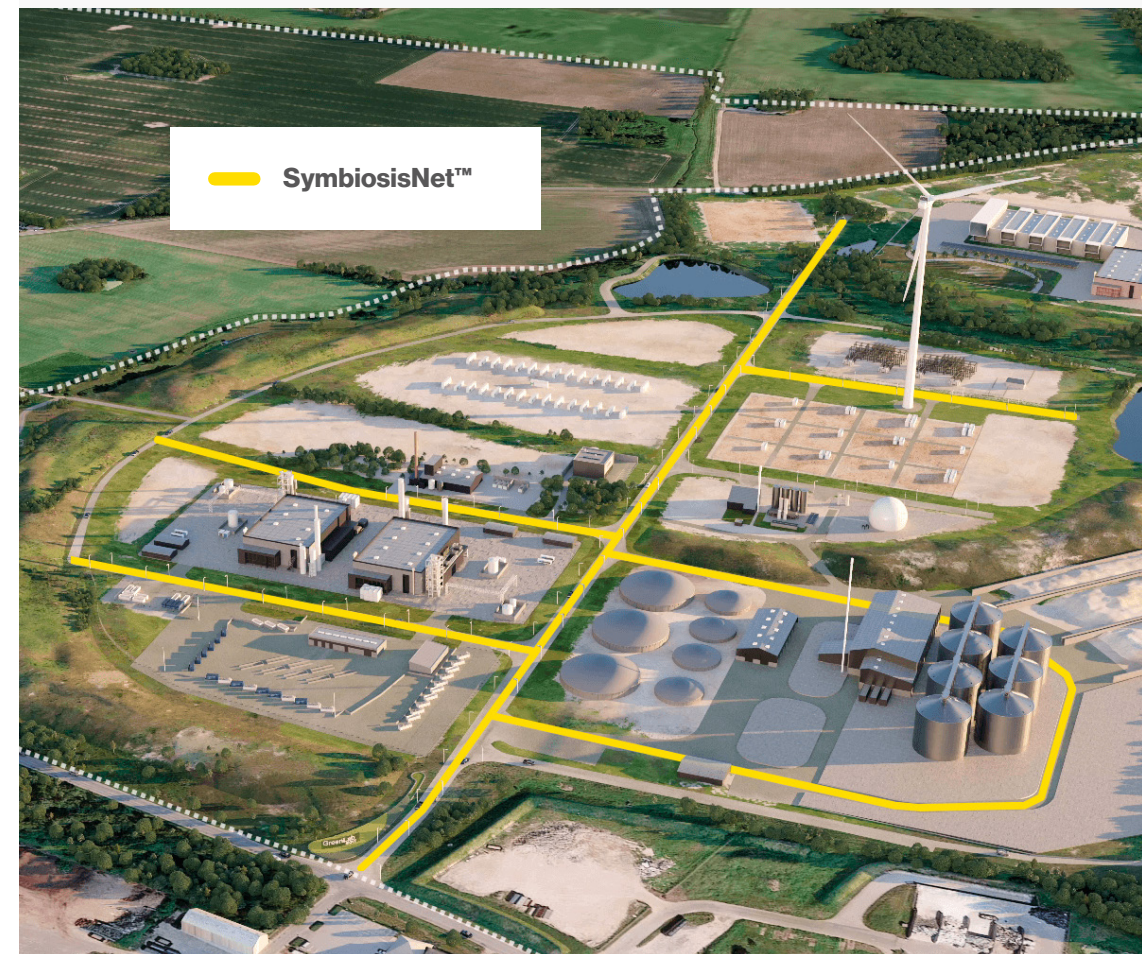
Because of the circular setup, companies in GreenLab can anticipate reduced expenses and minimized costs on waste management and resource purchases. The cooperative mindset in GreenLab drives pricing down and reduces both CAPEX and OPEX. At the same time, GreenLab businesses have an opportunity to generate an income from by-product sales of i.e., excess heat, water, biomass etc. All in all, this gives businesses located in GreenLab a competitive edge.

## We offer:

- System integration into the SymbiosisNet™
- A plug-and-play business concept
- Streamlined processes for obtaining permits and approvals
- Reduced investment uncertainty and "time to market"
- Renewable electricity from directly connected 80MW wind- and solar park
- Lower cost of electricity achieved by pooling electricity demand, offering auxiliary services to the grid, and more

## The SymbiosisNet™ will consist of:

- Green electricity
- Heat
- LT Heat
- HT Heat
- Steam
- Biogas
- Natural Gas
- Biomass
- Hydrogen







# Large-scale Power-to-X production of green hydrogen

By the end of 2022, pilot production of green hydrogen will start on site at GreenLab as part of a project called GreenHyScale. At the same time, a hydrogen infrastructure will be established to supply hydrogen to the protein plant and the

biogas plant (owned by Vestjyllands Andel and GreenLab Skive Biogas respectively). The protein plant will use the hydrogen for heating purposes, while the biogas plant will use the hydrogen for methanisation of raw biogas.



## CASE STORY

# Unwasted revolutionises the construction industry from GreenLab

British fibre board manufacturer Unwasted has chosen to place its first full-scale production site in GreenLab. Here, the company will produce their Neverwaste™ construction boards which are made from upcycled and repurposed waste cardboard and packaging that is 100% recyclable. This makes them a sustainable alternative to conventional construction boards used in the furniture and construction industries.

**“We have been looking for a production site that met our demands for green and circular energy, and we have found a great match in GreenLab. The symbiosis network represents the future of industrial collaboration and adds greatly to the Unwasted circular story”.**

**– Rod Fountain, CEO of Unwasted**





## CASE STORY

# A perfect symbiosis between excess heat and excess biomass

Stiesdal is one of GreenLab's industrial park partners, and their pioneering pyrolysis technology utilizes straw and other agricultural residues to make green fuel and to capture and store CO2. In the process, Stiesdal produces large amounts of excess heat that would normally go to waste. This goes perfectly together with the needs of the biogas plant in GreenLab.

The biogas plant provides manure and fibre to Stiesdal that they can use in their production. In return, Stiesdal provides excess heat from the pyrolysis process that the biogas plant can use in theirs. This is an ideal example of how businesses in GreenLab collaborate to utilize the full potential of by-products that would otherwise have gone to waste.

**“At GreenLab, we have found a partner who is at the forefront of the development of green technology and who, like us, looks at the entire energy infrastructure in the green transition. GreenLab’s focus on sector coupling, and the interconnection between agriculture and industry holds many exciting perspectives for us. It is very likely that more of our technologies can come into play at GreenLab.”**

**– Henrik Stiesdal, CEO of Stiesdal A/S**





# Partnerships and facilities

## Join a network of frontrunners

When you join GreenLab, you join a community of innovators, researchers, and investors. You will gain access to the best minds and to companies and organisations that are major players in the renewable power industry and circular economy.

It is our experience that being part of the GreenLab cluster minimizes operational costs, fast-tracks business development, and decreases time spent on legislation issues and funding.

## GreenLab is an innovation centre

GreenLab functions as an innovation centre for all the partners attached to the park. The park is a forum for research, learning, training, and business development activities, and a landmark building will house all these collaborative activities on site in the future.





# The right people

The local community of Skive is popular and easily accessible, and it attracts many skilled and dedicated people. You will have access to a great workforce that can be upskilled on-site and being part of GreenLab's network of companies make careers more exciting and retention easier.

Moreover, we collaborate with local and national institutions of education to ensure the right training of staff and technicians.

# Want to learn more?

Please get in touch with our representatives if you want to learn more about the opportunities at GreenLab.

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# LET'S CREATE A POWER SHIFT