Green & circular energy park – Technology enabler – National research facility

XXXXX

Christopher Sorensen, CEO – GreenLab A/S, Skive, Denmark CDSO@GreenLab.dk

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CLIMATE?







ASPIRE?





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The components of GreenLab's "no waste" ecosystem



GENERATE

We generate sustainable energy for our partners

TRANSFORM

The green energy is stored in all its forms: Electricity, heat, gas and electrofuels

SHARE

The SymbiosisNet[™] is an intelligent grid of energy and data that will let our companies share their surplus energy

The traditional approach to saving energy has been to optimize within each sector





We are a green solution facilitator

We mediate to pursue pragmatic and feasible solutions

We drive collective d green ambitions

We enable new markets

We navigate gaps and create change



GreenLab Research Missions

01

Development of the design manual for the green industrial clusters of the future

- **O2 Successful optimization between fluctuations in renewable energy, consumption flexibility with industry and infrastructure costs for storage and conversions**
 - Demonstration of valuable sector integrations that can show the way to scalable initiatives for industry in the rest of society



VILLUM FONDEN

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Areas of priority in



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University of Southern Denmark



AARHUS UNIVERSITY AALBORG UNIVERSITET



A PART OF WATCH MEDIA

ENERGYWATCH WEDNESDAY I NOVEMBER 202

ENERGY COMPANIES OIL & GAS RENEWABLES CLEANTECH POLITICS & MARKETS

21.12.2022 kl. 12.01 ENERGY COMPANIES

Norlys invests a quarter of a billion in green pioneer project

The green pioneer project, GreenLab Skive, is now receiving its largest capital injection to date in the form of a quarter of a billion Danish kroner from Norlys. With this funding, they are now on the verge of a solution that could kickstart a new Danish export adventure, says GreenLab's CEO.



NORLYS

SPARVESTFONDEN



Attracting investment in the last year:

350mDKK (50mUSD)

60mDKK (9mUSD) Innovation Fund



THEGREENLABTEAN





By: Minister of Climate, Energy, and Utilities, Lars Aagaard

Committee: Committee on Climate, Energy, and Utilities

Session: 2022-23 (2nd session) Status: Confirmed

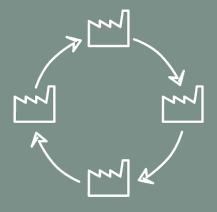
L 37 Proposal for a law amending the Electricity Supply Act and the Electricity Tax Act.

Implementation of various agreements on green transition, including parts of the power-to-x agreement of March 15, 2022.

Green and circular industrial clusters a model for sustainable growth



Optimisation of energy through co-location



Circular economy and sector integration



A replicable model designed to scale-up and globalise







Manifesting nature's full potential means working for a just green transition

- >>> Danish Ministry og Foreign Affairs, USDA, GreenLab collaboration
- >>> Co-creating rural development
- >>> Working together to create new value



Social Impact

+3bDKK +150.000

+8.000

Investments

Construction hours

76%

New FTEs

+10

Hotel stays

Of citizens in Skive find GreenLab important for the development of the municipality



WHAT IS VALUE?

Are we done...?

IRR

time

LET'S CREATE A POWER SHIFT