

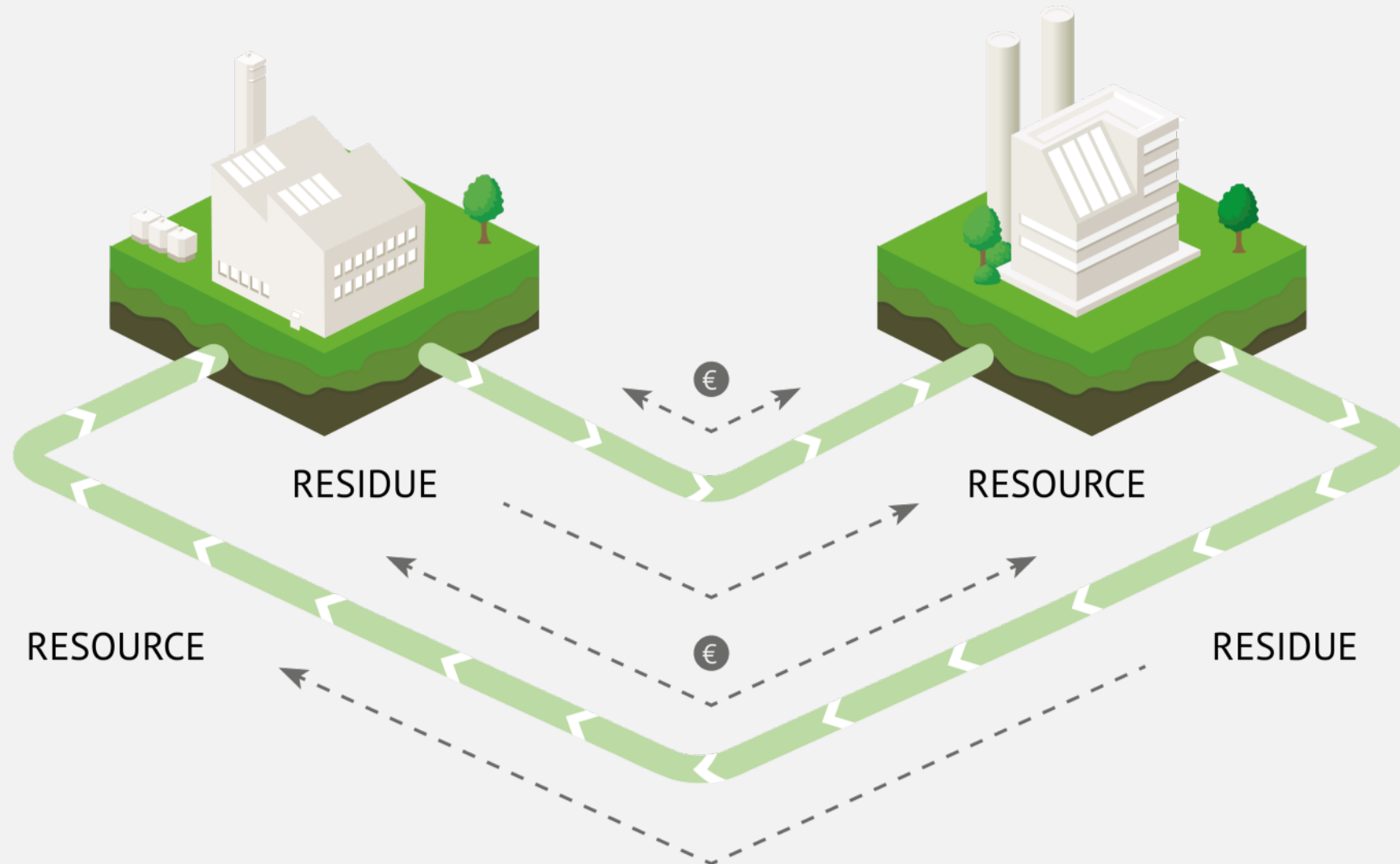
# KALUNDBORG SYMBIOSIS

LEADING SUSTAINABILITY WITH INDUSTRIAL SYMBIOSIS



"EFFISLUDGE" – BIOGAS, CARBON FOOTPRINT AND INDUSTRIAL SYMBIOSIS  
PER MØLLER, KALUNDBORG SYMBIOSIS, 2. DECEMBER, 2021

# INDUSTRIAL SYMBIOSIS



# BAY OF PARTNERSHIP



# MISSION

Kalundborg Symbiosis creates sustainable development  
through partnership leadership

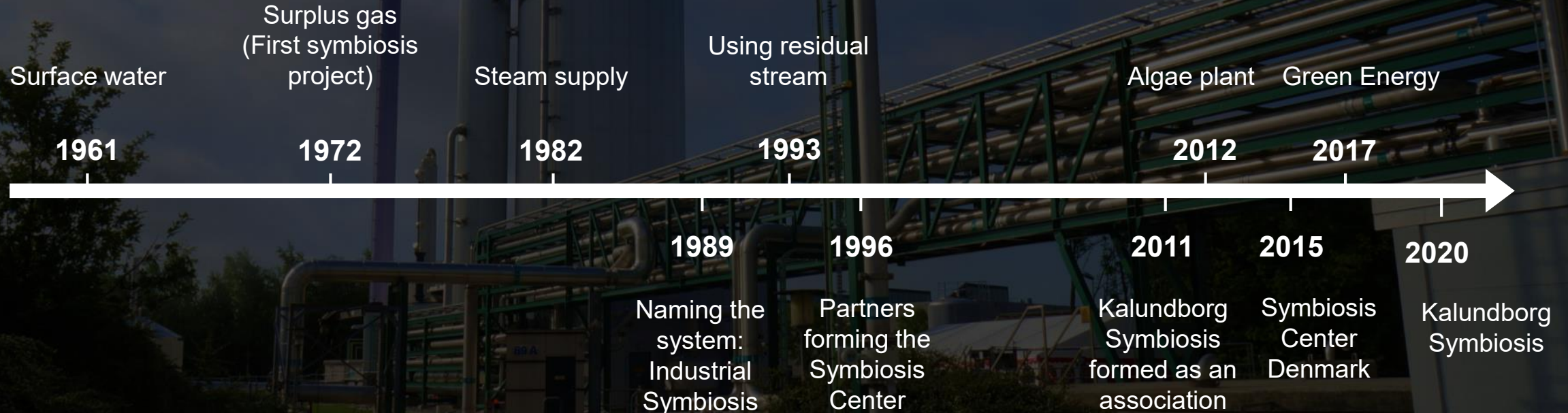
Our approach towards sustainability is longterm responsible utilization of  
resources, in balance with economic, environmental and societal  
considerations.



# MORE THAN 50 YEARS OF COOPERATION

PROJECTS

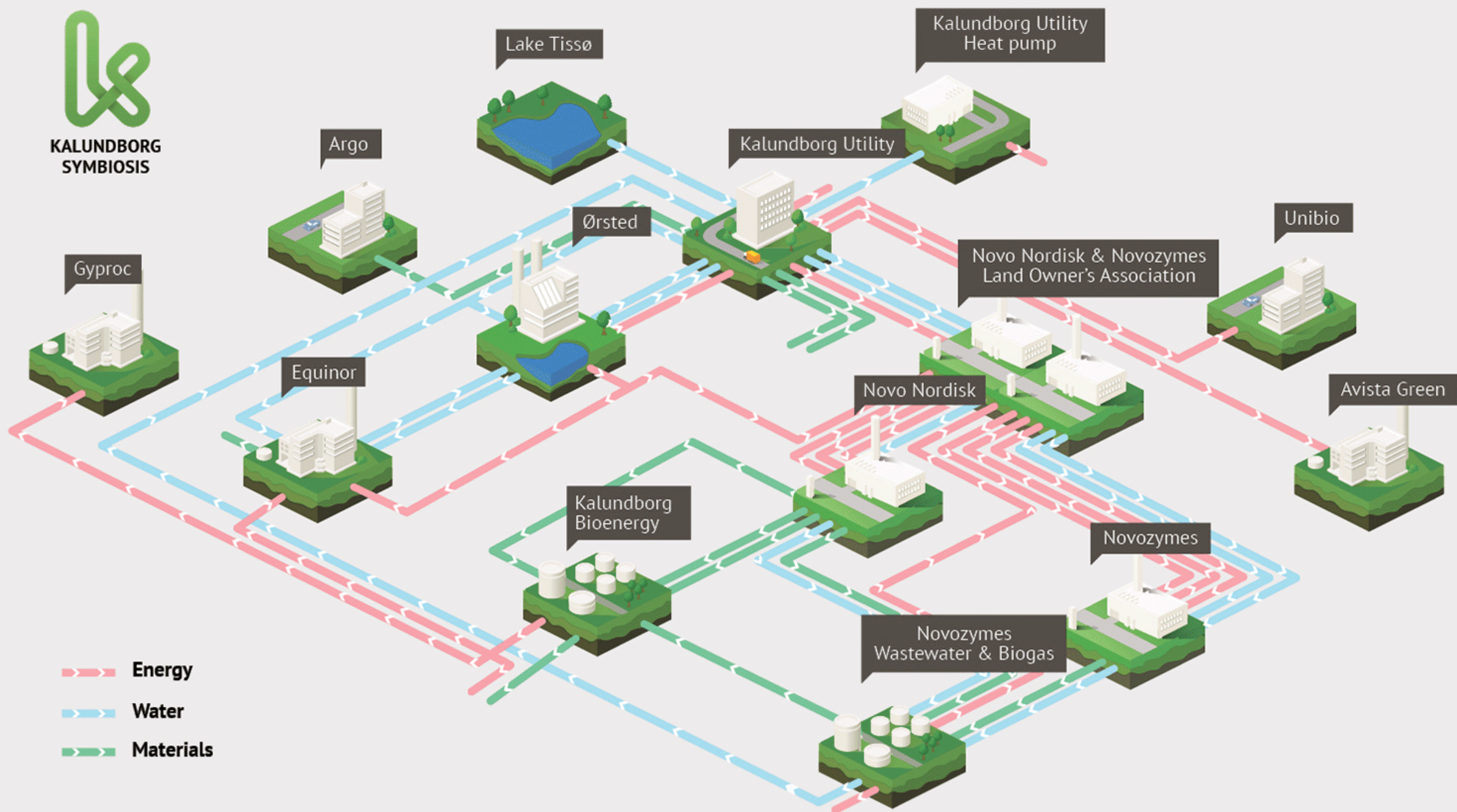
ORGANIZATION



KALUNDBORG  
SYMBIOSIS



KALUNDBORG  
SYMBIOSIS



# ANNUAL SAVINGS

BY LIFE CYCLE ASSESSMENT (LCA)

**635.000 ton**

CO<sub>2</sub> (environmental)



The same amount of CO<sub>2</sub> discharged on average over a year by **37.352 Danes**.

**16,5 mill.**

USD (socioeconomic)



Enough to buy **354 brand new** electric powered cars

**28 mill.**

USD (business economic)



Equivalent to having **252 academics** employed for a year



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# EXAMPLES OF LOCAL GROWTH



Over **2,3 billion USD**  
invested by Novo  
Nordisk since the year 2000.



The investment has created  
**2.300 new jobs**



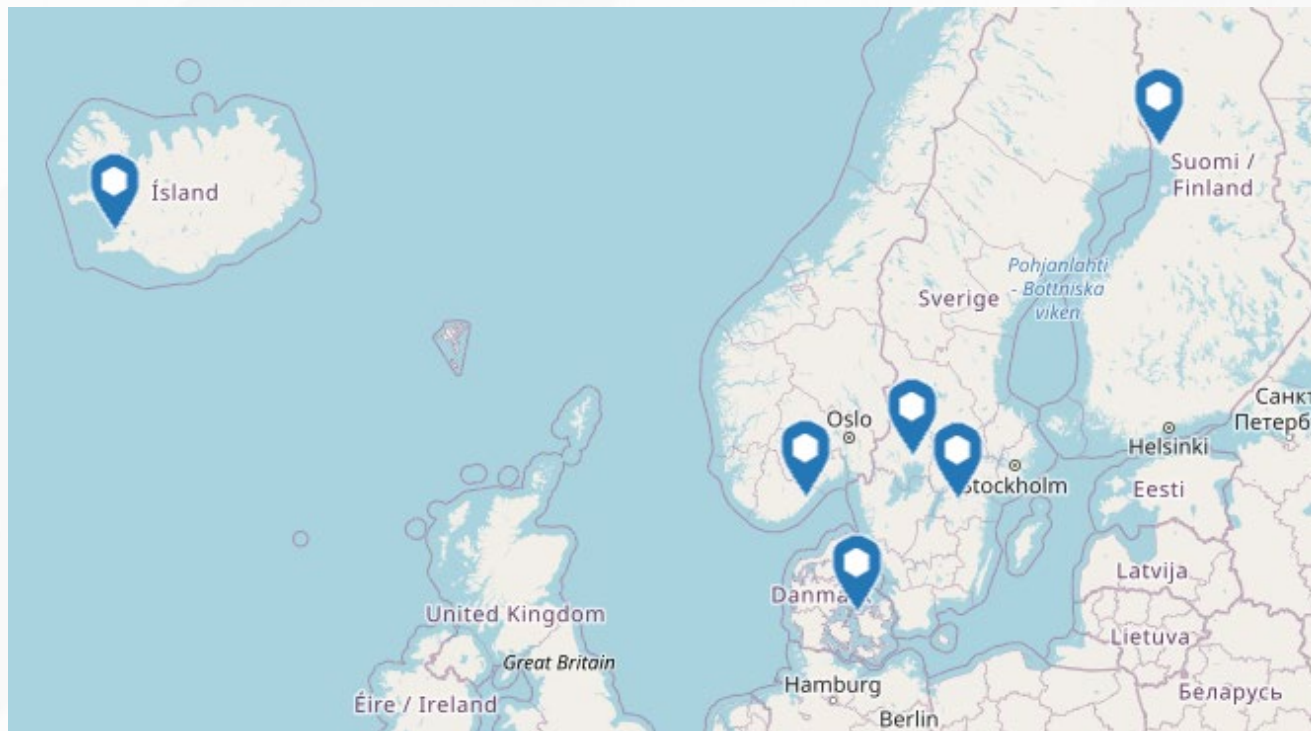
Expanding the harbor in  
2019 by **330.000 m2**



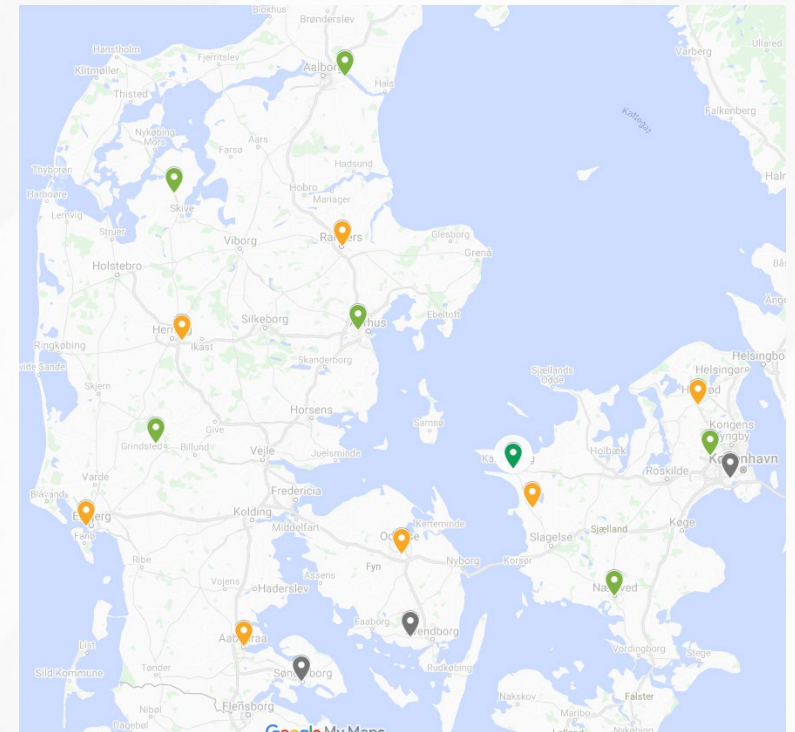
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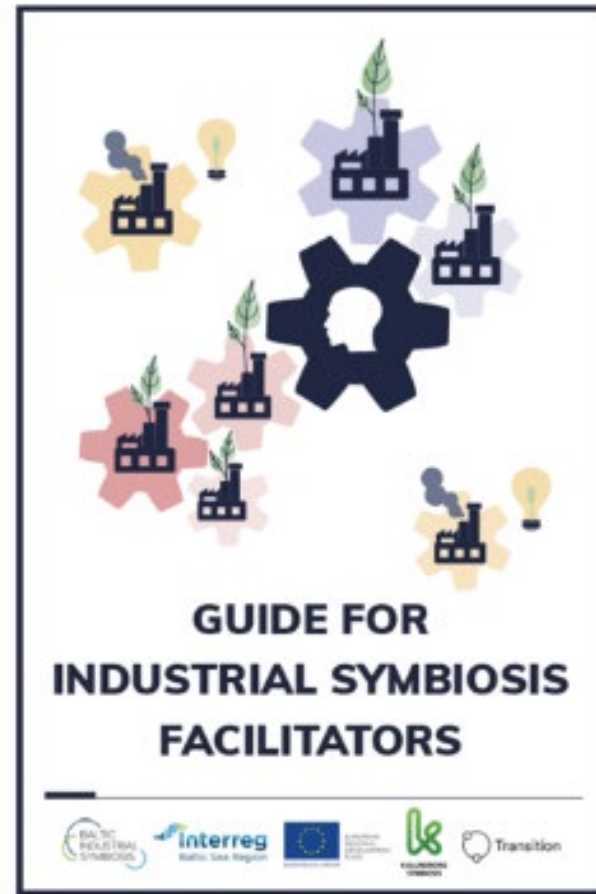
# GROWING SYMBIOSIS NETWORKS

## Nordic network

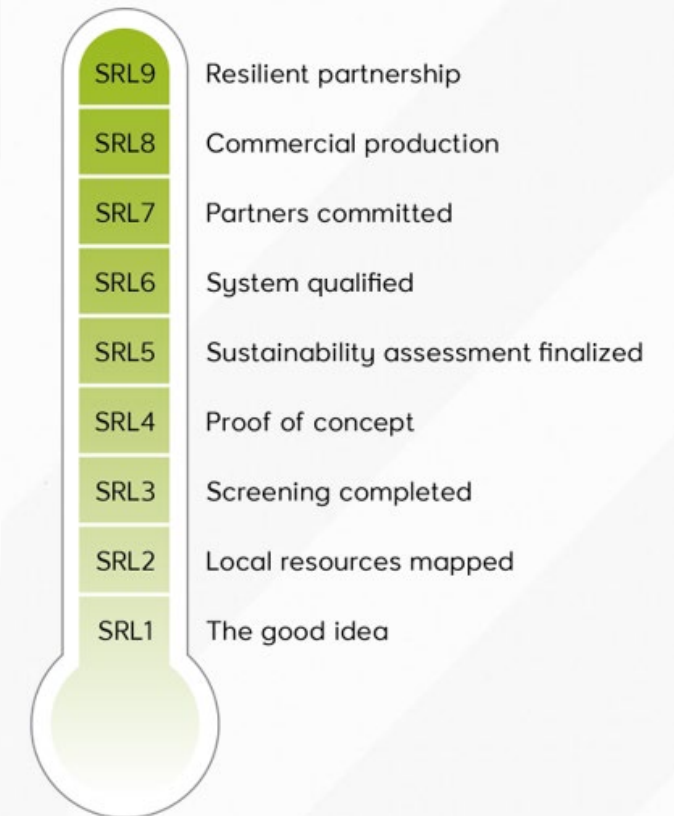


## National network



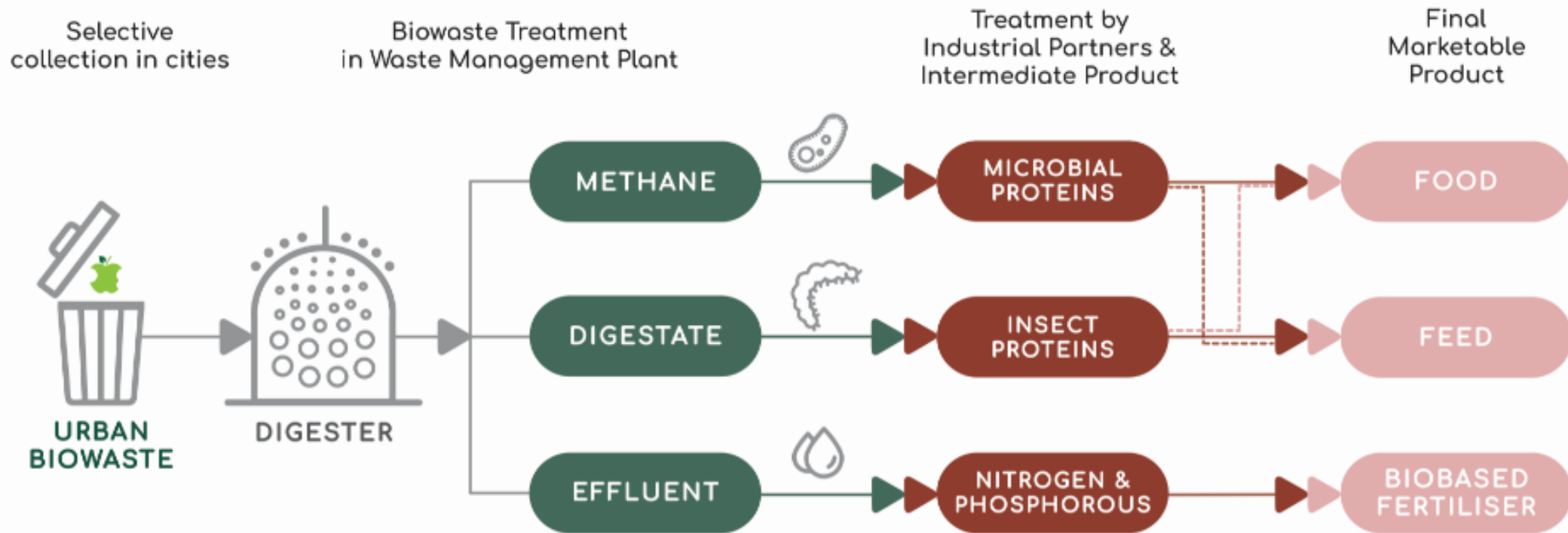


## SRL: Symbiosis Readiness Level



# "VALUE WASTE" (HORIZON 2020)

## THREE VALORISING LINES OF URBAN BIOWASTE



# SYSTEMS MAKE IT POSSIBLE PEOPLE MAKE IT HAPPEN

QUESTIONS OR COMMENTS ARE WELCOME

For more information please contact:

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