

“Future Industrial Parks – Project Insights”  
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Industrial Symbiosis in Action- Good Practice Examples



# Kalundborg Symbiosis

Officially established in 1972  
More than 20 projects are operating



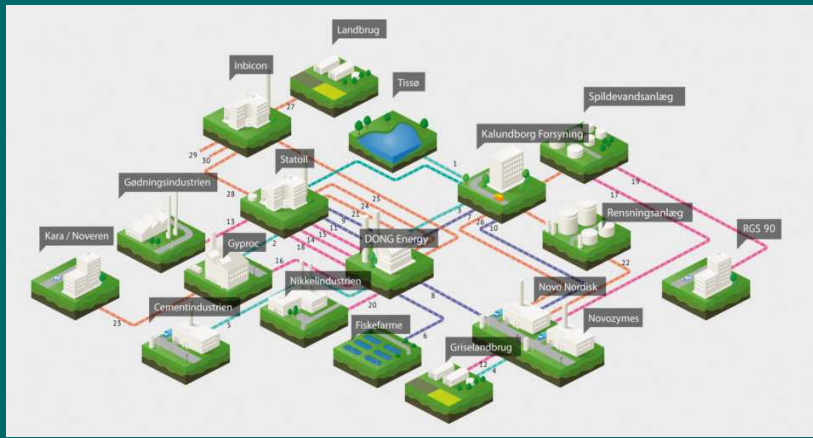
## Benefits:

- Reduction in CO<sub>2</sub> emission: 300.000 tonnes/year
- Ressource savings:

Ground water .....	2.0 mill. m <sup>3</sup> /year
Surface water .....	1.0 mill. m <sup>3</sup> /year
Natural gypsum .....	100.000 tons/year
Oil .....	20.000 tons/year

## The Symbiosis Model - a model for business development encompassing 3 dimensions:

- **Economy:** Minimizing costs, improved bottom line and competitive edge
- **Environment:** Resource efficiency through reuse, recycling, and reduced intake of virgin materials
- **Innovation and development:** Improved introduction and access to new technologies and R&D, job creation and regional development



# Development



## **Kalundborg Municipality cooperation with the Kalundborg Symbiosis.**

- Development of infrastructure in the municipality, including highway from Copenhagen.
- Branding of the area to attract new investors.
- Attract new graduates to the municipality.
- Attract new educational institutions to the municipality.



Systems make it possible  
People make it happen

Thank you for your attention!