



Project Newsletter #6

The project GreenIndustrialAreas empowers public authorities to increase the share of smart and climate-neutral industrial areas and co-develop a transnational certification standard. The project is funded by the Interreg Baltic Sea Region programme of the European Union.



Happening now: Peer review visits to our pilot sites

With our project's pilot phase in full swing, the transnational teams accompanying the local implementation are visiting each of the industrial sites that are addressed in the pilot phase. Check our website for dates and details of the upcoming events Germany and Finland as well as video testimonials of past visits to Latvia and Poland.

[Event details & Video clips](#)

Insights to Kalundborg Symbiosis

In a small corner of western Zealand, Denmark, lies Kalundborg, home to Kalundborg Symbiosis, a pioneering initiative that has been promoting sustainability and industrial collaboration for over 50 years. This innovative symbiotic and circular approach to production brings together large industrial companies in the region to share resources such as energy, water, and waste materials.

The success of Kalundborg Symbiosis is rooted in the interconnectedness of public and private enterprises. Surplus from one company becomes valuable input for another. Today, over 30 distinct streams of surplus flow between

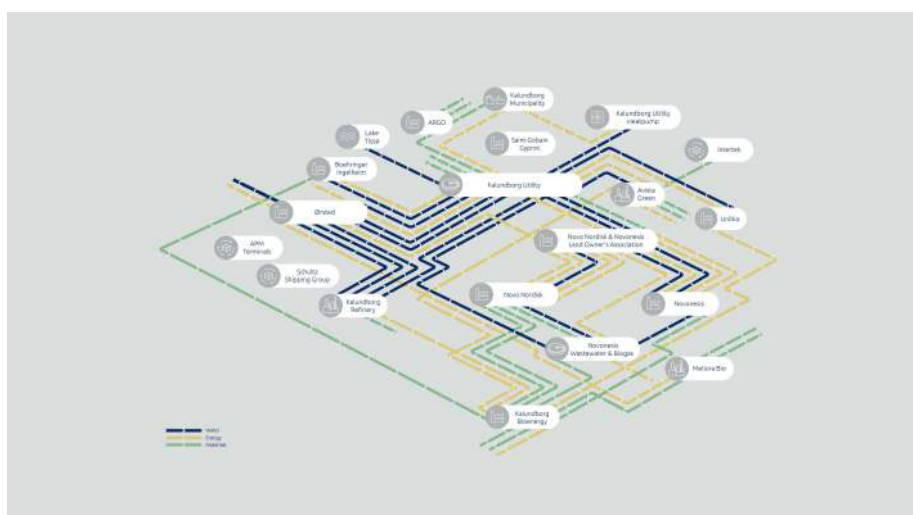
partners, contributing positively to their bottom lines while, reducing environmental impacts, and creating an ecosystem that benefits local residents, employees, skilled students, and prominent researchers.

Kalundborg Symbiosis stands as a testament to the idea that sustainability and profit can coexist harmoniously. With a commitment to expanding its impact, the organization actively seeks new partners both within and outside Kalundborg who are interested in experimenting, innovating, and sharing resources. The aim is simple: all it takes is surplus to build a thriving symbiosis.



The initiative has achieved remarkable milestones, having recycled a total 62,000 tons of waste materials and avoided 586,000 tons of CO2 emissions to date, and saving 4 million m³ of groundwater annually. Members' emissions reduction efforts coupled with the conversion of Ørsted's Asnæs Power Station to a bioenergy facility, have helped Kalundborg partners collectively reduce their CO2 emissions by 80% since 2015 and achieve a carbon neutral local energy supply. With funding from the Danish government, a carbon capture facility is currently being constructed at the site (the first for Denmark), with one million tons of carbon removals to be sold to Microsoft over ten years.

Kalundborg's global private sector companies work in concert with local businesses and authorities across various sectors, collectively employing around 5,000 people. Key players in this collaborative effort include APM Terminals, Argo, Avista Green, Boehringer Ingelheim, Gyproc, Intertek, Kalundborg Bioenergy, Kalundborg Utility, Kalundborg Municipality, Kalundborg Refinery, Meliora Bio, Novo Nordisk, Novonesis, Schultz Shipping Group, Unibio, and Ørsted.



The Kalundborg Symbiosis is not merely a local project. It operates as a nonprofit organization with its own secretariat and has dedicated more than half a century sharing the symbiosis mindset both locally and globally.

By creating sustainable development through local partnerships, Kalundborg Symbiosis exemplifies how industrial practices can be transformed by a circular approach, making it a model for other regions and industries seeking to enhance their sustainability efforts.

How the pilot phase unfolds in Suwalka

As part of implementation of the pilot actions, Podlaska Regional Development Foundation conducted surveys with companies from the Suwalska Special Economic Zone. The survey is based on a set of criteria that the project consortium defined for the certification of green industrial areas, and which are subject to the current pilot phase.

On June 12, there was an online meeting with stakeholders. At the meeting, the certification system was discussed and the zones and companies participating in the pilot phase were presented. The learning from the local implementation is regularly shared and discussed with a group of transnational partners who supervise the pilot action implementation. A small delegation of partners recently came for a visit.



**Suwalska Specjalna
Strefa Ekonomiczna S.A.**

Meet our Lead partner from Mecklenburg-Vorpommern, Germany

The Ministry of Economics, Infrastructure, Tourism and Labor of Mecklenburg-Western Pomerania, based in Schwerin, is one of eight ministries in the state administration. In addition to general administrative tasks, this ministry deals with economic and technology promotion, maritime economy, employment and skilled workers, ESF, ERDF, principles of economic policy, crafts and trade law, INTERREG, energy and regional development as well as mobility, transport and road construction. The Interreg projects “GreenIndustrialAreas” and “HyTruck” in the Baltic Sea region are assigned to the Energy and Regional Development department.

The Ministry of Economics, Infrastructure, Tourism and Labour shapes the framework conditions for companies to improve the economic structure of the State. The broad cross-section of tasks extends from attracting and expanding

companies to commercial business development and infrastructure funding, support with company succession, competition law and public contracts. Trade and commerce, professional training, innovation and collaborative research, money-laundering prevention and the health economy, developing tourism and employment protection matters are further points.

The issue of energy supply and regional planning essentially describes the Ministry's main task. By 2050, 80 percent of electricity demand is to be generated from renewable energies. In order to achieve this target, electricity generation from renewable energies must be drastically increased. The state government has already taken a number of measures to achieve this. Mecklenburg-Vorpommern is the first federal state that can already supply 100 percent of its electricity from renewable energies. Energy efficiency and energy saving are therefore key issues for security of supply and lead to innovations for new products and technologies, which in turn stimulate employment. This is where we come in with the "GreenIndustrialAreas" project.



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