



**BIOVALLEY**  
Finland

Business. Together. With nature.



Kokkola region





“Biovalley Finland  
consolidate and integrate  
diverse **primary production**,  
**industrial applications** and  
high-quality **wide-ranging**  
**expertise** in order to create  
common prosperity”



## BIOVALLEY ECOSYSTEM

- ❖ Vast Natural Resources
- ❖ Globally Competitive Industry
- ❖ High-level R & D and Education

# About Biovalley Finland



## CLUSTER OF EXPERTS

- ✦ Educational Actors
- ✦ Business Sector Partners
- ✦ Advocate Organizations

# About Biovalley





**BIOVALLEY**  
Finland

Leverage from  
the EU  
2014–2020



OSTROBOTHNIA  
CHAMBER OF COMMERCE



## PRIMARY PRODUCTION

- ✦ Agriculture
- ✦ Forestry
- ✦ Peat and Fur Economy

# Primary Production



## MINERAL ECONOMY

- ✦ Mining Industry
- ✦ Lithium Cluster
- ✦ Battery Research

# Bioeconomy & Business



## PROCESS INDUSTRY

- ✦ Chemical Industry Cluster
- ✦ Food Industry
- ✦ Wood Processing

# Bioeconomy & Business





- ❖ Chemical Industry Concentration
- ❖ Full Service Ecosystem
- ❖ Effective Circulation Economy

Kokkola Industrial Park KIP is the largest inorganic chemical industry in Northern Europe, with several leading companies in the chemical and metal industry.

# Bioeconomy & Business



## BIOENERGY

- ✦ Recycling Energy
- ✦ Wind Power
- ✦ Solar Energy
- ✦ Hydroelectric
- ✦ Biogas & Biomass

# Bioeconomy & Business



## BUSINESS SERVICES

- ✦ Support
- ✦ Managing
- ✦ Funding

Kokkolanseudun Kehitys Ltd KOSEK promote regional business, help all entrepreneurs and companies to grow and market our region.

# Bioeconomy & Business



## KOKKOLA KAMPUS CENTER

- ✦ CHYDENIUS Kokkola University Consortium
- ✦ CENTRIA University of Applied Sciences
- ✦ KPEDU The Federation of Education
- ✦ LUKE Natural Resources Institute Finland
- ✦ GTK Geological Survey of Finland

Smart thinking



KOKKOLA  
UNIVERSITY CONSORTIUM  
CHYDENIUS



## HIGH-LEVEL R&D

- ✦ University Research
- ✦ Regional Development Projects
- ✦ International Projects & Networks

Oulu, Jyväskylä, Vaasa

European Regional Development Fund (ERDF)  
and the European Social Fund (ESF)

Interreg, Horizon2020

Number of On going Projects ~60, worth 40  
mill. €

# Smart thinking



## EDUCATION

- ✦ Higher Education
- ✦ Polytechnic Education
- ✦ Vocational Education

"In close operation with Industry.

# Smart thinking



## LABORATORY CLUSTER

- ❖ Chemplant & LUMA Center
- ❖ Battery Laboratory
- ❖ Educational and R&D Labs

"Laboratories at three different location at the campus area."

# Smart thinking



## THE UNIQUE WAY TO DO BUSINESS

- ✦ Together | Co-operation
- ✦ Responsibly | Safely
- ✦ Stably | Reliably
- ✦ Specializing | Expertising
- ✦ Recycling | Re-using

"

# Sustainable Development



## PORT OF KOKKOLA

- ❖ Deep Port and General Ports
- ❖ All Weather Terminal
- ❖ Railway Transpoint

"Deep Port draught 13 m -> 14 m.

# Transport & Cargoes



## YOU WILL MEET US EASILY!

- ✦ Kokkola-Pietarsaari Airport
- ✦ Domestic & International Flights
- ✦ Flexible Train Connections

"1h from Helsinki by Air, 4h by train, 5,5 h by car  
Same railroad width as in Russia -> massive iron  
pellet transportation through the country to the  
Kokkola Harbour.

# Connections & Travelling





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