



About the project

The Baltic Sea Hydrogen Collector (BHC) is an **offshore hydrogen pipeline system. The main pipeline will connect Finland to Germany** and will be the backbone of a wider system that can connect and integrate the Baltic states, Poland and the islands of Bornholm, Gotland and Åland via branch lines.

Helps unlock the substantial yet largely untapped potential for new production of renewable energy in the Nordics and Baltic Sea region. A region that can offer one of the most cost-effective sources of renewable generation in Europe

Supports EU's priority to reduce dependency on fossil fuels from third-party countries and strengthen the strategic autonomy and security of supply

Creates and scales a strong hydrogen market by connecting and transporting H2 produced within the Baltic Sea region to demand clusters and H2 storage facilities in Germany and Central Europe



BHC has been on the European Union list of **Project of Common Interest (PCI)** since Apr 2024.



The project is **Co-funded by the European Union with a grant** for Pre-FEED studies

Project partners

CIP

Global fund management company within energy infrastructure investments

GASCADE

Independent transmission system operator certified by the German Federal Network Agency

GASGRID 

Finnish state-owned company and transmission system operator



Project development status



Pre-feasibility study completed; The study assessed the initial design, route, landfall options, timeline and cost

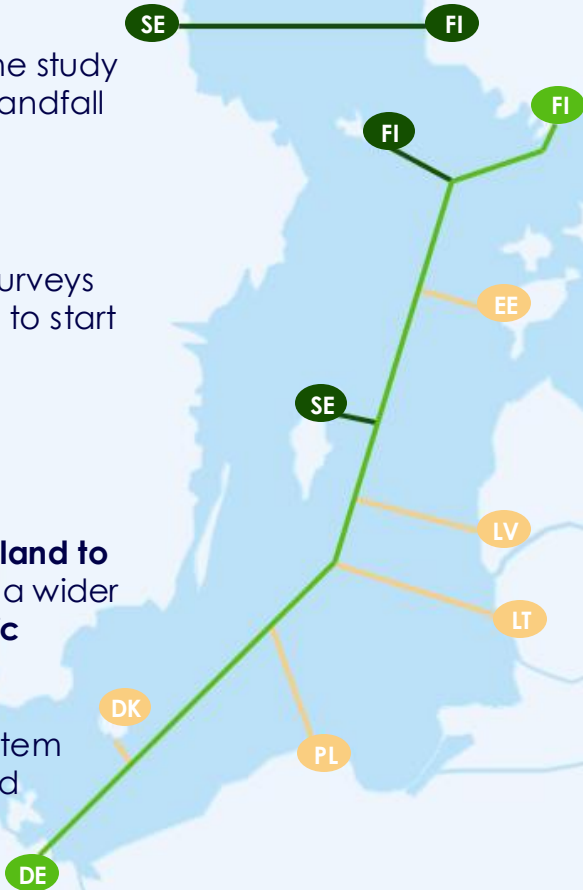


Permitting strategy ready for initial consultation with authorities. EIA surveys for the main pipeline are planned to start in 2027

About the pipeline



The main pipeline will connect Finland to Germany. This is the backbone of a wider system that can connect the **Baltic states, Poland and the islands of Bornholm, Gotland and Åland** via branch lines. Furthermore, the system is planned to connect to mainland Sweden with a **second pipeline between Sweden and Finland**



Project timeline

The pipeline system will have a transport capacity of up to 120 TWh or 3.6 Megatons of hydrogen p.a. and is expected to be completed in different phases:

Section	Route	COD
 Section A	Main pipeline between Finland and Germany (~1000 Km)	2033+
 Section B	Pipeline between Sweden and Finland (~250 Km) and branch lines to Åland and Gotland	2035+
 Branch lines	Branch lines to the Baltic States, Poland and Bornholm	2033+



Co-funded by
the European Union



Baltic Sea
Hydrogen
Collector