

# **Euskadi Basque Country**

In the race for competitiveness in a highly globalised economy, the Basque Country is in a privileged position to access the main European markets thanks to its strategic location in the centre of the European Atlantic Axis.

7,234 km<sup>2</sup> surface area

**2,191,613** population



### And thanks to this sustained commitment, the Basque Country has positioned itself as an important industrial region

35.621 €

**GDP per cápita** 110 (UE27=100)

123,3

Productivity per person employed (UE27=100)

37,2%

Exports %GDP Spain 30,0% France 22,2% Germany 40,7% 0,936

Human Development Index

# The Basque Country in figures

24,6%

Industrial GDP UE27: 20,6%

+4,4%

Annual increase GPD in 2022

Spain +5,5% France +2,6% Germany +1,8% 2,2%

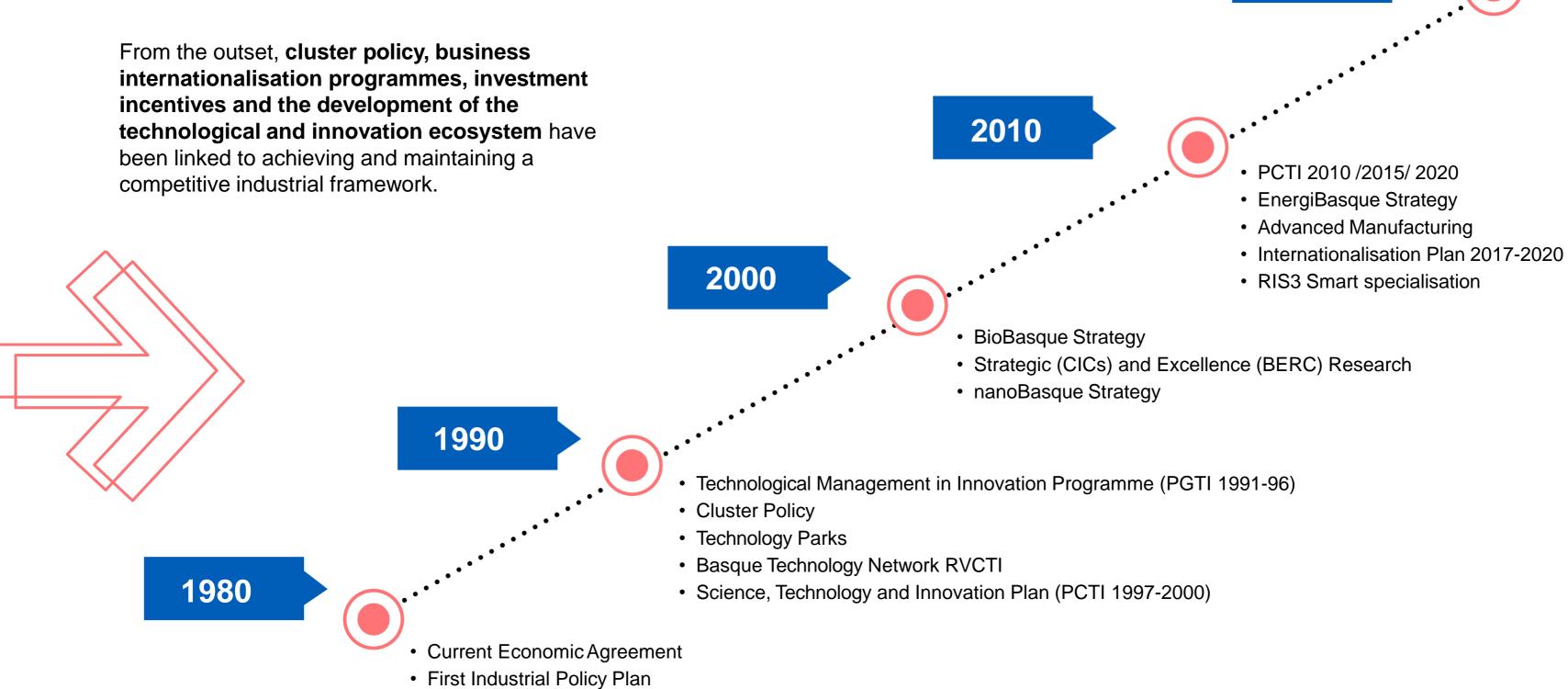
**Expense in R+D (% GDP)**Spain 1,43%

20.804

Employment R+D total (people)

Source: Eustat, Eurostat

# The transformation from 1980 to 2020



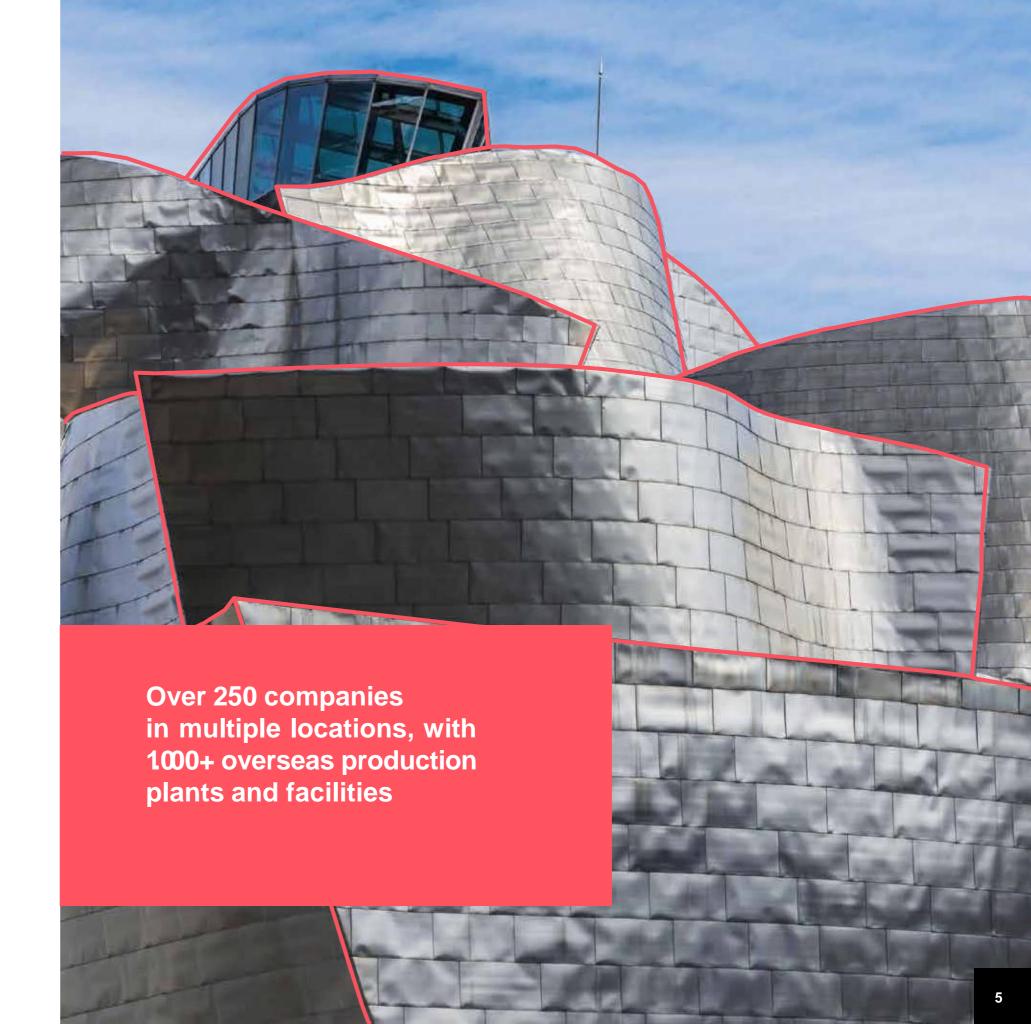
2020

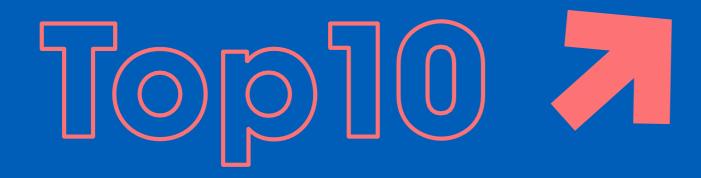
# A clear international orientation

Basque Trade & Investment (Basque Agency for Internationalisation), was set up in response to the Basque Government's firm commitment to promote the international projects of Basque companies.

Companies with a **strong work ethic**, **committed**, **reliable and experienced partners**, with the capacity to take projects forward with the highest possible guarantee.

5,000 exporting companies





The trade balance with these countries is positive.

# Who are our main business partners?

In 2022, 64.0% of our exports went to EU countries.

NAFTA accounted for 9.3% and the BRIC countries for 4.2% of the total.

5.4%	Germany €5,000M
5.2%	France €4,958M
6.9%	United States €2,258M
6.2%	The Neetherlands €2,011 M
6.1%	United Kingdom €1,983 M
5.4%	Italy €1,753 M
5.4%	Belgium €1,747 M
4,5%	Portugal €1,468 M
2.3%	Poland €738 M
2.2%	China €712 M

Source: Eustat 2022



#### Energy

96,305 jobs €56,090 M **434 companies:** Iberdrola, Siemens Gamesa, Petronor, Ormazabal, Elecnor, etc.



#### Railway industry

11,413 jobs €2,148 M **32 companies:** CAF, Talgo Bombardier...



#### **Maritime industry**

13,735 jobs €2,840 M **231 companies:** Sener Naval, Vicinay Cadenas, Astilleros Balenciaga, Murueta, etc.



#### **Automotive**

120,000 jobs €18,351 M **306 companies:** Gestamp, CIE, Irizar, Mercedes Benz, Bridgestone, etc.



#### **Advanced Machinery**

7,489 jobs €1,731 M **128 companies:** Danobat, Zayer, Lazpiur, Lantek, IZAR Cutting Tools, etc.



#### **Aeronautics**

14,856 jobs €2,457 M **65 companies:** ITP, Aeronova, Sener, Aciturri, Altran, etc.



#### **ICT**

19,276 jobs €4,958 M **258 companies:** Ibermatica, Euskaltel, Ikusi Velatia, Entelgi, etc.



#### **Ecoindustries**

15,700 jobs €3,715 M **436 companies:** Indumental Recycling, Idom, Acciona Agua, EKO-REC, etc.



#### **Bio-health**

7,300 jobs €1,450 M **150 companies:** FAES Pharma, PRAXIS, Progenika-Griuols, Noray Biosciences, etc.

# Main companies and players in Basque energy sector

### Cluster Energia

Founded in 1996

+ 200 associates

Energy operators
Equipment manufacturers
Components
Engineering firms
Service companies

The energy sector in the Basque Country is led by 8 large operators...



...4 service companies with relevant capabilities and size...



... and a large group of manufacturers with a strong international position



...which are supported by a robust scientific-technological infrastructure

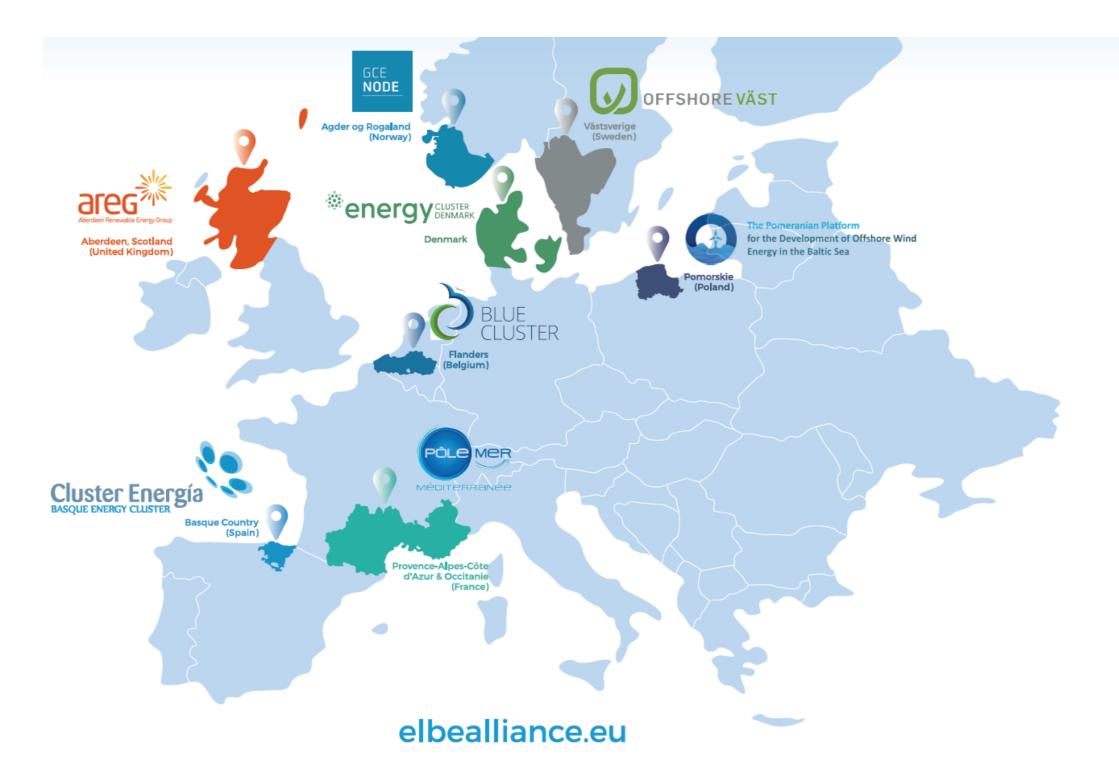


## Wind Basque Supply Chain



#### **Colaboration through:**

- INDUSTRY: ELBE Alliance
  - 8 leading european regions in offshore Renewable Energy selected by the European Commission
- INFRAESTRUCTURE
  - Bilbao Port Port of Amsterdam –
     Duisport
- GOVERMENT
  - Ex: Flandes, Scotland, Rio Grande do Sul ...
- UNIVERSITIES



## **Low Carbon Industry**

- Basque Net Zero Industrial Super Cluster: Net zero by 2050 (New Basque Climate & Energy Transition Law)
- 7,2 MT CO2 emisiones caused by industry (38,7%)



- Super Cluster because will integrate the Industrial Clusters (Industrial associations)
  already operating in the Basque Country
- Collaboration and commitment between the Government and the key Energy Companies operating in the geographic area, to develop and implement roadmaps.
- With an initial focus to target five Industries up to 67,1% of total GHG emissions in the area: Refinery, Cement, Steel, Foundry and Pulp & Paper.
- Align on common goals (e.g., scale net-zero technologies, create jobs, deploy digital services, etc.) and develop cluster-specific roadmaps to achieve net-zero targets by a target year.

# The Basque Government is committed to support the development of required enablers

#### **Enablers**

#### Legal and policy Framework

- New Basque Climate & Energy Transition Law (LTCCE) to enforce and support public and private initiatives to achieve Climate neutrality by 2050:
  - Energy savings and production efficiency
  - Renewable energy production and consumption in the Basque Country
  - Substitution of fossil fuels for carbon neutral energy sources
  - Use of hydrogen
- Technological Development Strategy in Energy – Energibasque
- Basque Hydrogen Strategy EVH2
- Industrial Development Plan

#### **Technology**

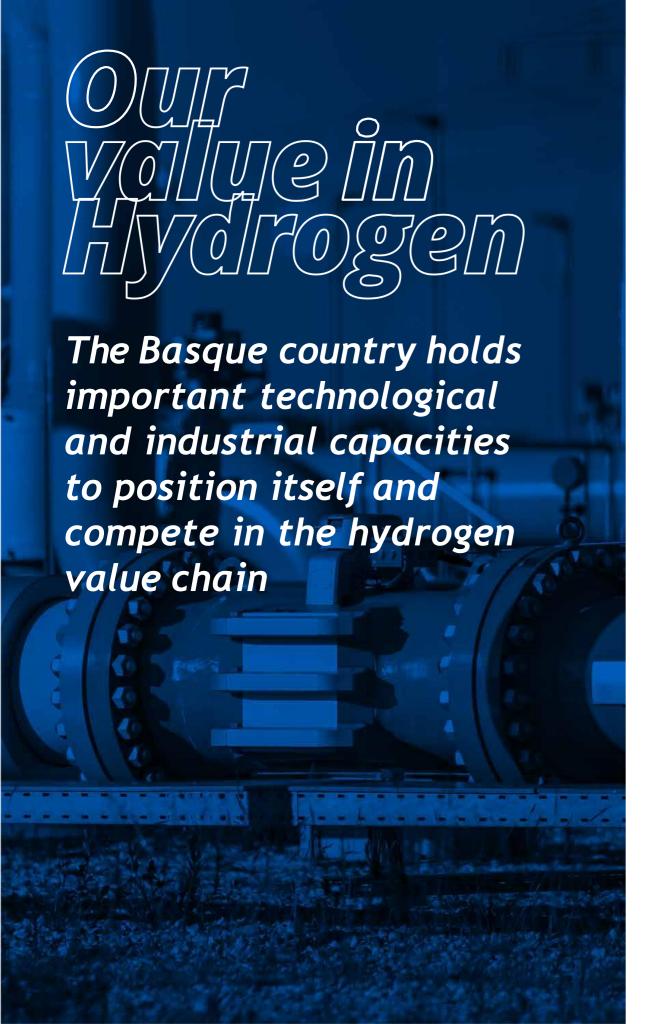
- Capacity building in Basque Science, Technology and Innovation Ecosystem.
   Cross-sector funding of R&D facilities to unlock new technical and digital capabilities
- Funding mechanisms for the development of Key Enabling Technologies as well as specific lowcarbon technologies: renewables, electrolyzers, industrial process efficiency techniques, heat pumps, . .
- Support to digitalization of industrial processes and the incorporation of digital technologies for energy efficiency, energy consumption monitoring and management systems

#### Support mechanisms

- Subsidy programs to support Energy Efficiency measures and investments in industry
- Subsidy programs to support private investments in self-consumption facilities: renewable generation power plants, storage devices
- Privat-public co-investment in renewable energy generation power plants (windfarms and solar PV plants)
- Private-public co-investment for the generation and injection of biomethane in natural gas networks
- Support to associations for joint power purchasing

#### **Tools & Assets**

- Ad-hoc roadmaps for the decarbonization of industry trough Industrial Cluster Association: characterization reports, analysis of sectoral risks and opportunities, methodology definition to approach decarbonization plans, selection of priority sectors and measures
- Simulation system that provides the impacts of decarbonization measures and technologies on energy consumption, economy (GDP, employment), environment and society. It will consist of an Integrated modelling system leveraged by IA algorithms and will generate results segmented by sector, Industry or even geographical area.



### **Main Activity Areas and**

