Wind Talks for innovation

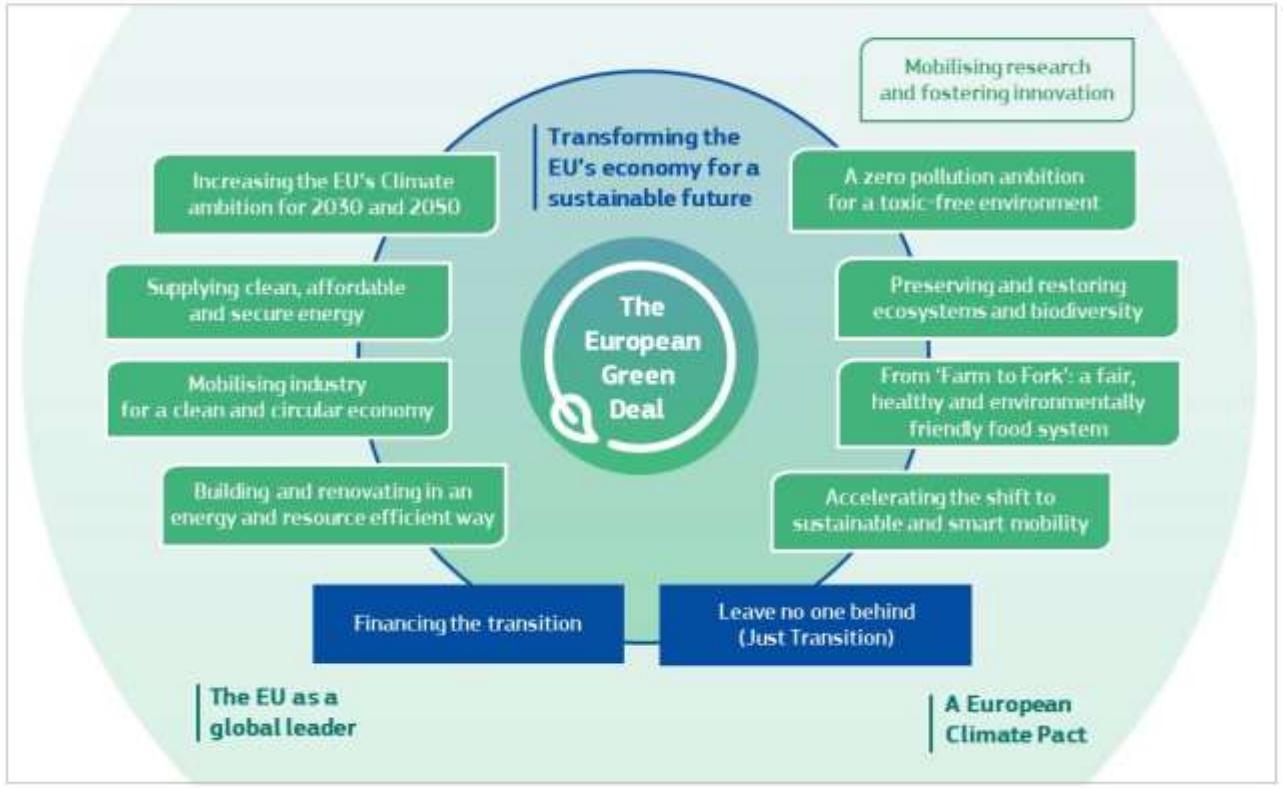
Talent day

Wind Europe 2022, Bilbao

GRUPO spri TALDEA

EUSKO JAURLARITZA
GOBIERNO VASCO

Energy Transition



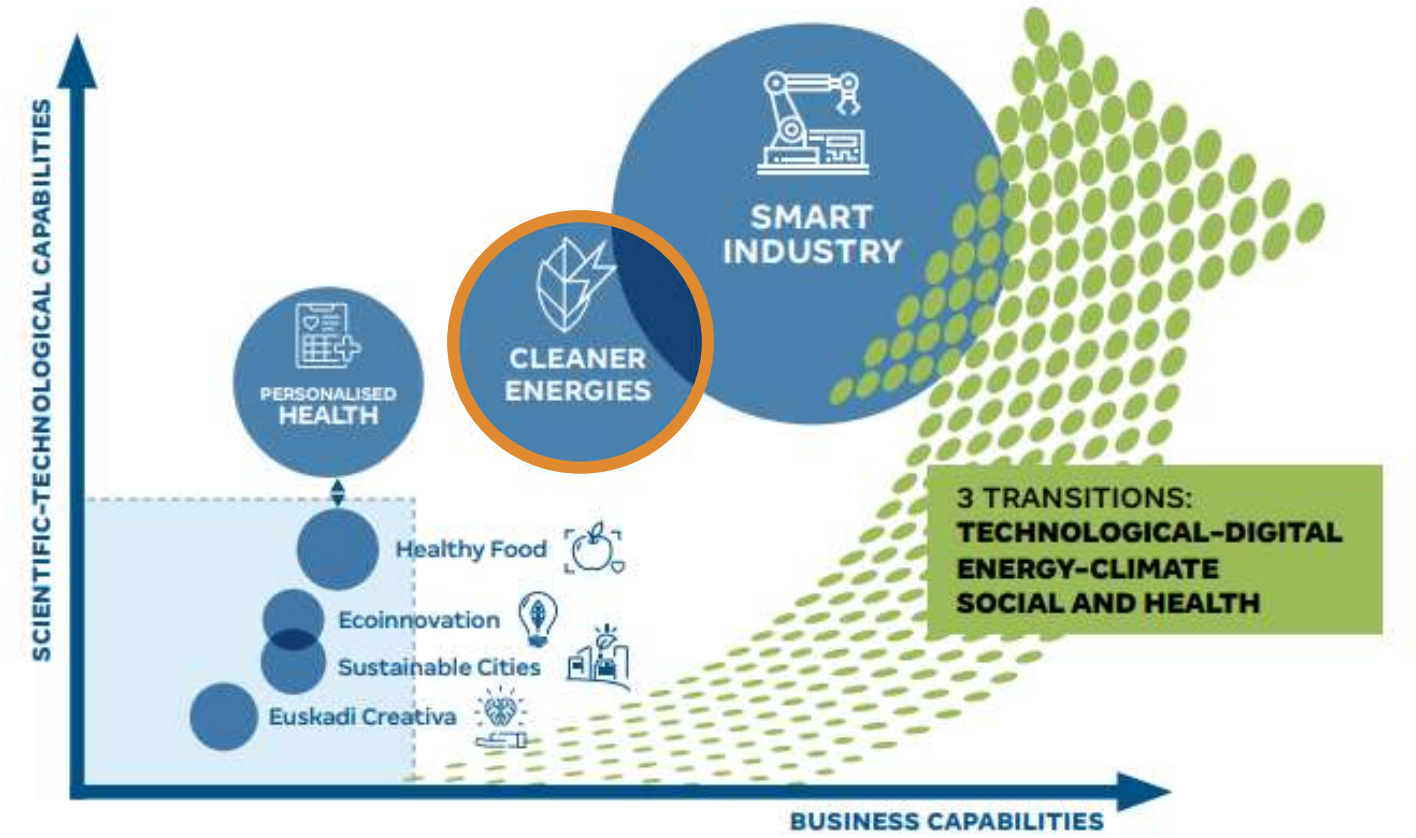
The European Union identified the need to tackle climate change and environmental-related challenges as "this generation's defining task", communicated through…

….the European Green Deal,….

that aims to transform the EU into a fair and prosperous society, with a modern, resource-efficient and competitive economy where there are no net emissions of greenhouse gases in 2050 and where economic growth is decoupled from resource use….

…which means we need an energy system 100% renovable

Clean energy in one of the three areas of smart specialization established in the Science, Technology and Innovation Plan 2030, the Basque strategy for science, technological development and innovation.



DIGITAL EUSKADI
TECHNOLOGICAL-DIGITAL TRANSITION

- Digitalization
- Artificial Intelligence and Big Data
- Technology at the service of citizens
- Automation
- Cybersecurity
- Fostering a fair and competitive digital economy

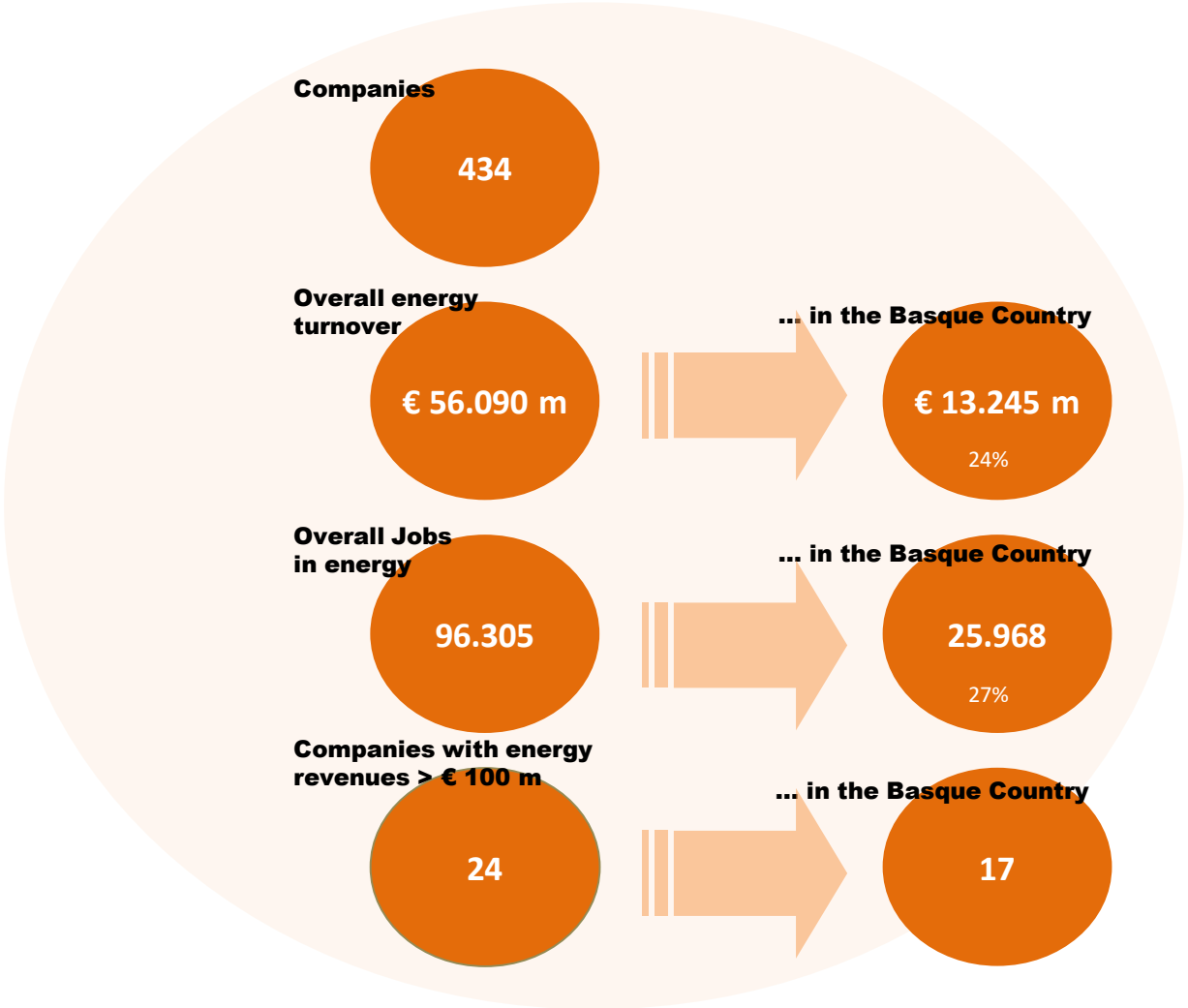
GREEN EUSKADI
ENERGY-CLIMATE TRANSITION

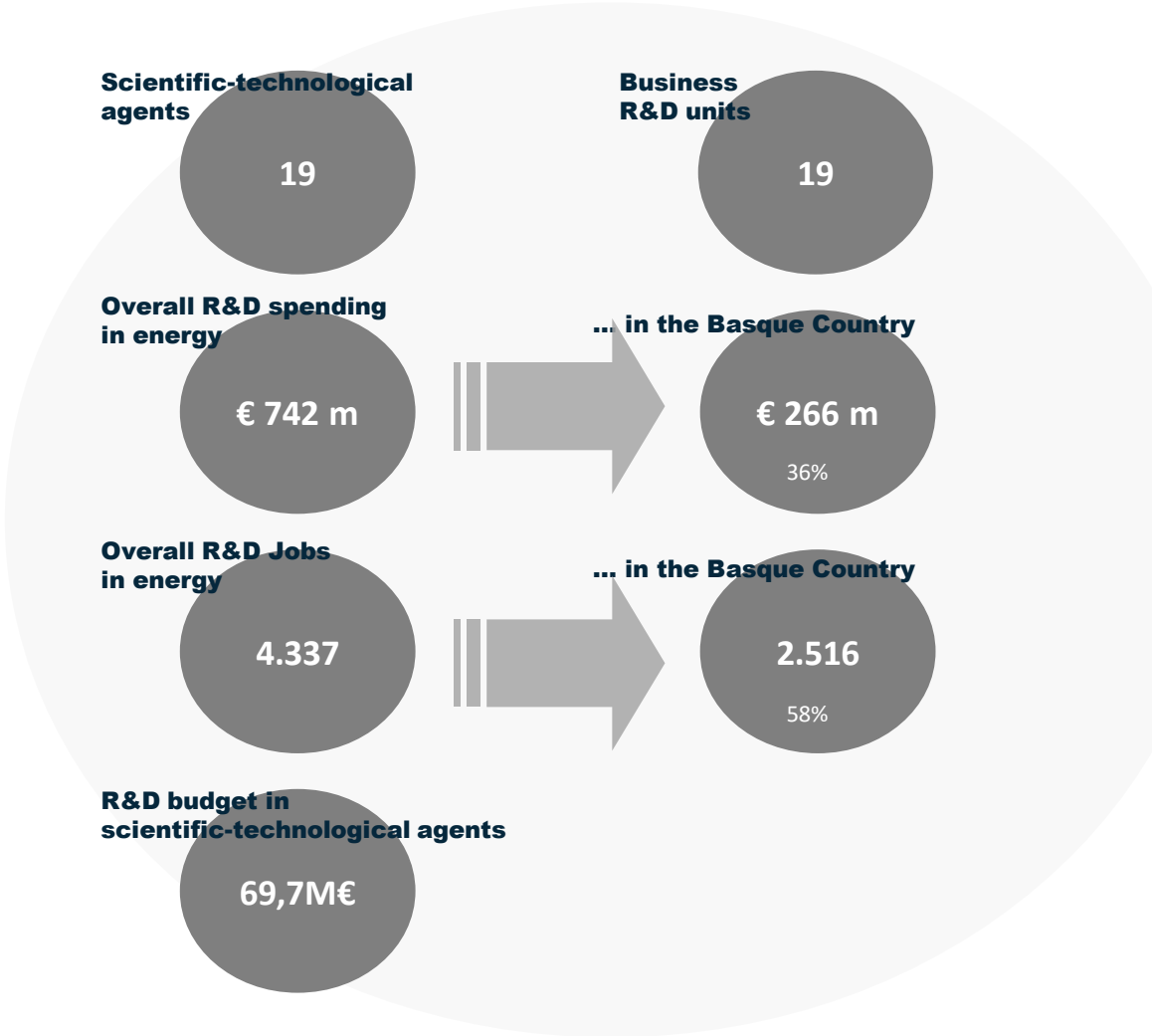
- Climate Neutrality
- Decarbonization of the energy system
- Efficient use of resources and energy -Circular economy-
- Sustainable and smart mobility
- Just energy transition
- From farm to fork

INCLUSIVE EUSKADI
SOCIAL AND HEALTH TRANSITION

- Healthcare System and
- Pandemic Risks
- Demographics and healthy ageing
- Migration
- Gender equality
- New care models
- Social and territorial cohesion

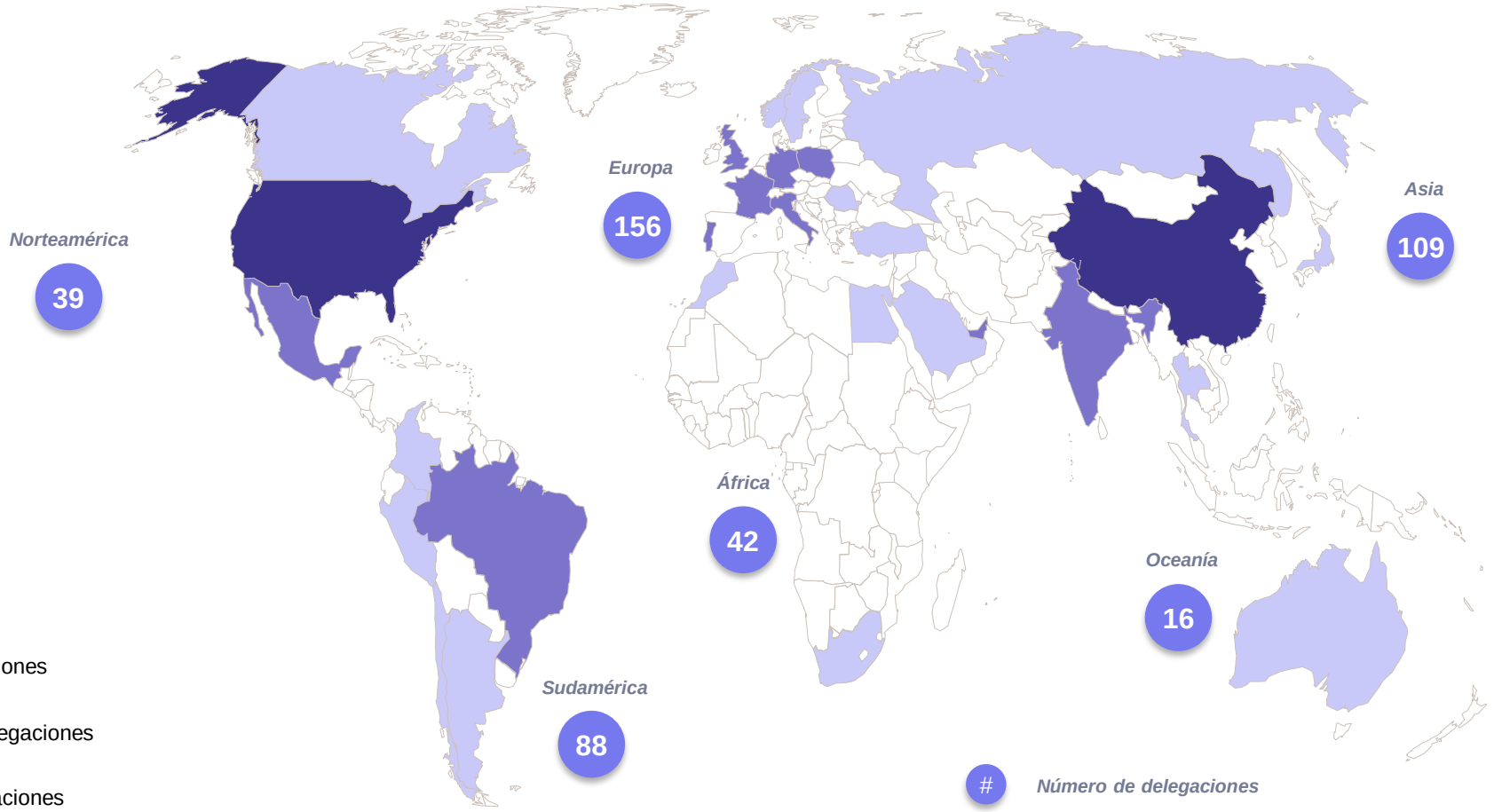
The Basque energy industry is made up of 415 companies and 19 Research and Technology Organisations





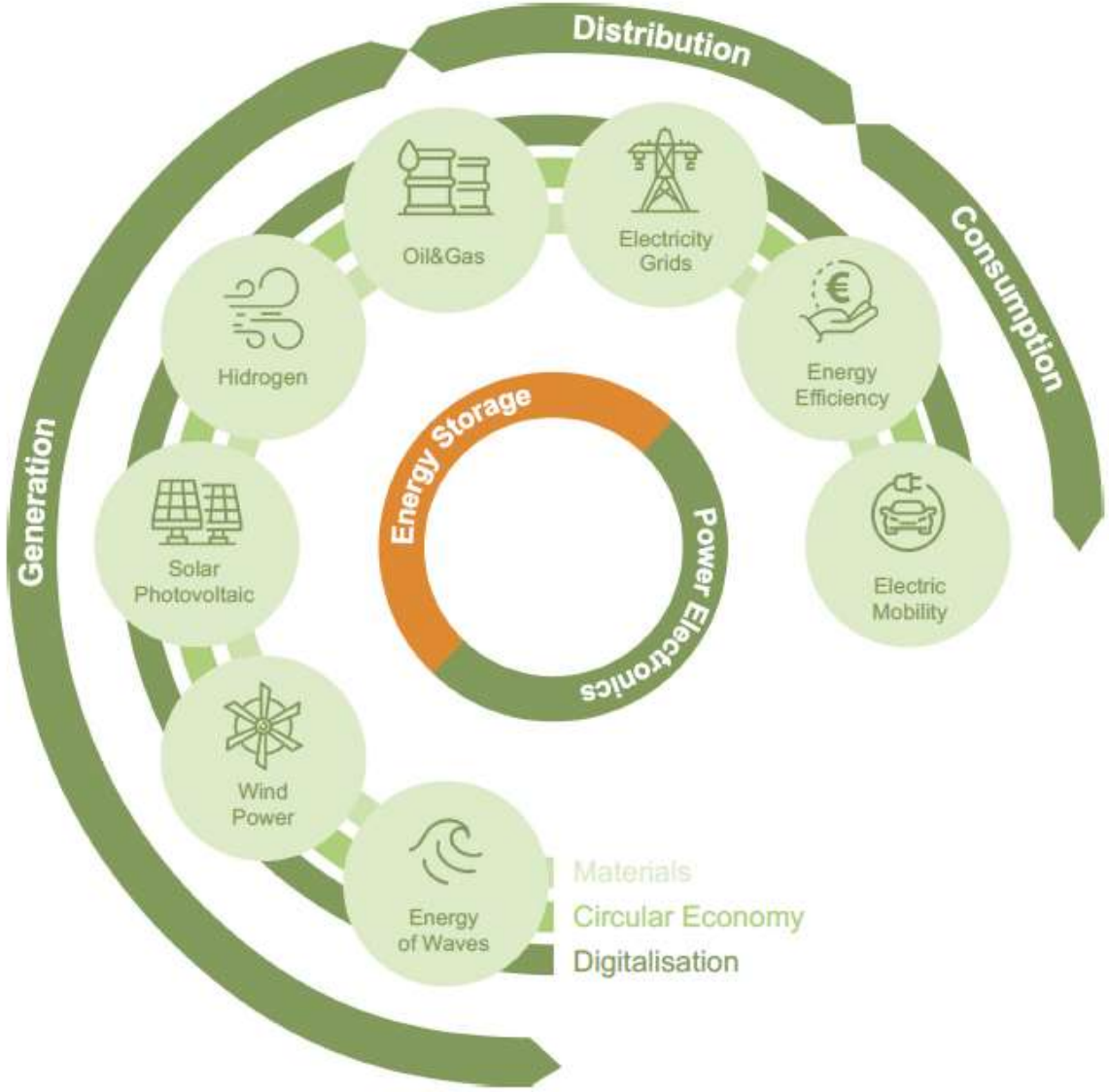
The overall turnover of the energy industry is € 56.090 m and employs 96,000 people (of which 26,000 are based in the Basque Country). R&D activity is € 742 m.

Basque energy companies are present in 70 countries with more than 425 subsidiaries



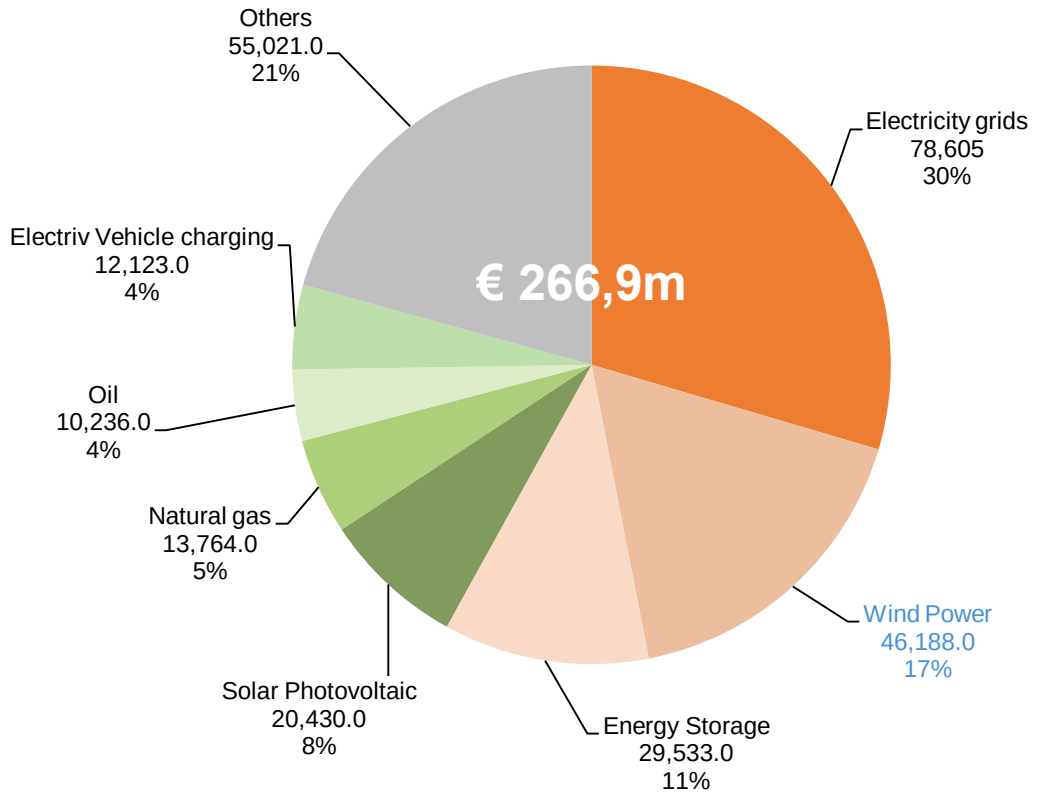
Fuente: Análisis S&F Consultants

The Technological and Industrial development strategy Energibasque focuses on eight priority strategic domains and five enabling technologies...

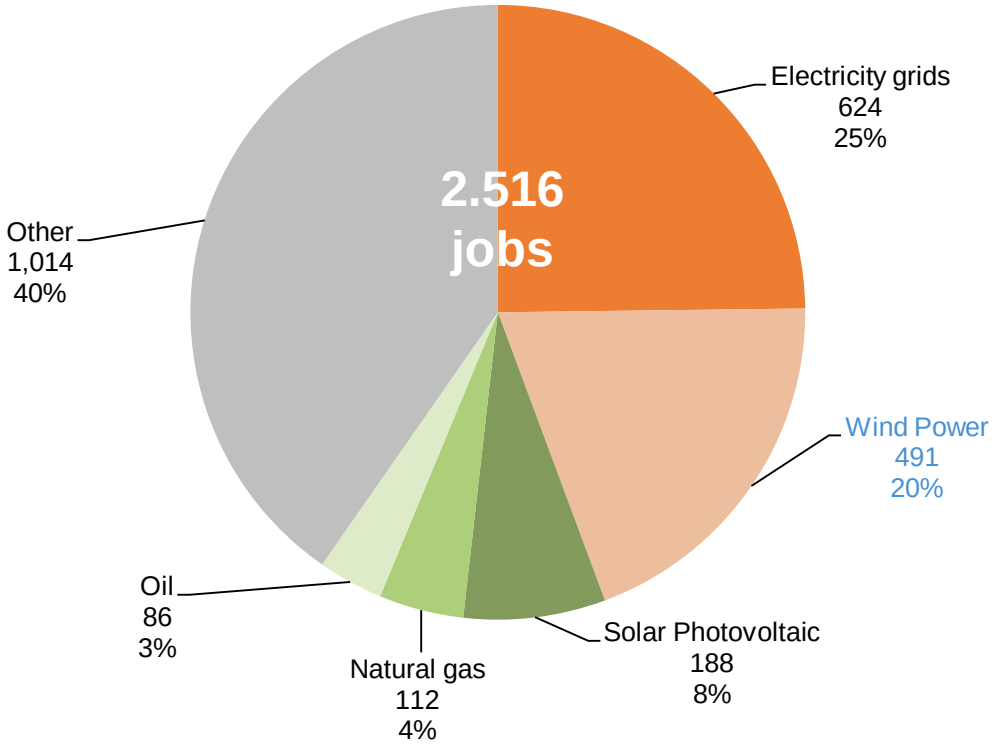


The Basque energy industry stands out for a significant effort in R&D, in which Renewable Energies account for 32% of spending and 34% of jobs.

Expenditure on R&D according to energy area
2020, €m



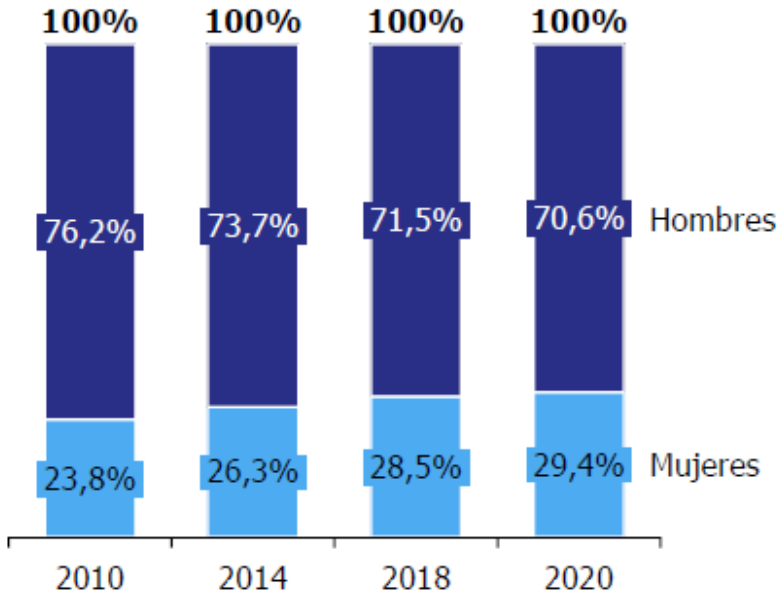
Employment in R&D according to energy area
2020, jobs



As a complement to the energy transition and climate neutrality, employment and gender equality are also priorities of the Strategy for Sustainable and Human Development and the Science, Technology and Innovation Plan of the Basque Government.

In 2020, only 29,4% of the employees of the Spanish energy sector were women, which represents a relative annual increase of 2% since 2010.

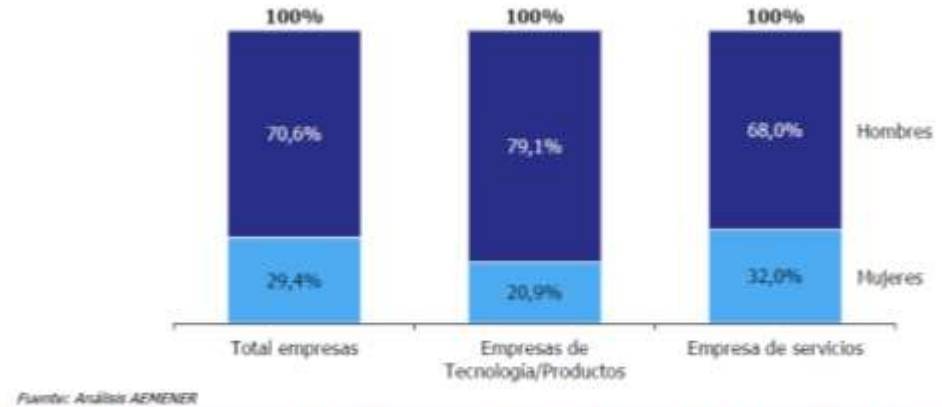
Evolución del desglose de plantillas por sexo, 2010-2020 [%]



Fuente: Análisis AEMENER

Las empresas del sector energético que están orientadas a ofrecer servicios de valor tienen un mayor porcentaje de presencia femenina en sus plantillas

Porcentaje de mujeres por tipo de empresa, 2020 [%]



Fuente: Análisis AEMENER

En cambio, las empresas del sector energético más especializadas en tecnología o fabricación de productos tiene una menor presencia de la mujer en sus plantillas respecto a la media del sector

Para poder conseguir la paridad en las plantillas, prácticamente tendría que duplicarse el número actual de mujeres en las empresas del sector energético

Gender equality

- Increasing the rate of women in companies **improves performance**, as it implies higher productivity, better decision-making, different risk-management strategies, more innovation, creativity, and increased efficiency. Hence, gender equality no longer remains just a matter of human rights, but a **fundamental question to ensure competitiveness and economic recovery**. *UNIDO (2019). Inclusive and sustainable industrial development: the gender dimension.*
- The gender gap has a **direct effect on the productivity** of companies and, consequently, on the Gross Domestic Product (GDP) of countries. By 2050, improving gender equality would lead to an increase in EU GDP per capita of **6.1% to 9.6%,** which amounts to €1.95 to €3.15 trillion. *EIGE. (2017). Economic Benefits of Gender Equality in the European Union: Overall economic impacts of gender equality.*

What is good for gender equality is good for the economy as well as society

WindTalks

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