Basque Country: Efficiency and Sustainability
Three smart specialisation priorities have been selected: **Advanced Manufacturing**, **Energy** and **Biosciences** (mainly human health). Additionally, some niches related to **Territory** have been identified.
Basque Country PCTI 2020

Analysis of the regional context

Priorities for specialisation

Vertical priorities
- Strategic Priorities
- Opportunity Niches

Horizontal priorities
- Strategic Lines
- Transverse axes

Operational Objectives

Policy mix

System Governance

Evaluation and monitoring

Priorities for specialisation

Live selection process of vertical priorities

Entrepreneurial discovery spaces

Source: In-house
4 STRATEGIC LINES AND TWO TRANSVERSE AXES

**INDUSTRIAL LEADERSHIP**
Strategic Line 2. To strengthen industrial leadership through public-private partnerships

**SPECIALISATION**
Strategic Line 1. To promote the smart specialisation strategy through science, technology and innovation aimed at responding to the social challenges of the Basque Country

**INTERNATIONALISATION**
Transverse axis 1. Opening and internationalisation of the Science, Technology and Innovation System

**INNOVATION**
Transverse axis 2. An innovative and connected system

**HUMAN CAPITAL**
Strategic Line 4. To ensure the development of human capital in science, technology and innovation

**EXCELLENCE**
Strategic Line 3. To raise the level of excellence of the Basque Science, Technology and Innovation System
Three smart specialisation priorities have been selected: Advanced Manufacturing, Energy and Biosciences (mainly human health). Additionally, some niches related to Territory have been identified.
Long-term vision: the challenge is to achieve an increasingly sustainable and low-carbon energy system in terms of competitiveness, supply security, etc.

Zero oil by 2050
Zero fossil fuels by 2100
21% renewables in 2030
40% sustainable transportation in 2030
Industrial policy for the energy industry: ENERGYBASQUE
STRATEGIC AREAS

- Solar
- Thermoelectric
- Wind
- Marine
- Oil & Gas
- Power Grids
- Electric Traction
- Energy Efficiency in Industry
- T&D (Transmission and Distribution)
- Primary energy
- Storage
- Power electronics
- Renewables
- Consumption
STRATEGIC INITIATIVES

- Offshore floating wind power demonstration project
- Floating laboratory for testing components in an offshore environment
- Laboratory for validating + testing components for offshore wind turbines in a real and hostile environment
- Reinforcement of BIMEP's differential offer of advanced services
- Stationary storage systems associated with the power grids
- Demonstration project for managing electric transport storage system
- Integration of solutions with multi-sector application for harnessing residual heat in industry
- Living lab of integrated systems: EV-charging infrastructures - Information management
- Development of ship to ship bunkering supply. European project LNG Core Hive.

IE
### Integral Plan for Electric Mobility

<table>
<thead>
<tr>
<th>Basque Government</th>
<th>Private/Public cooperation programs to promote the development and use of ELECTRIC VEHICLES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industry, technology, transportation and environment related areas</td>
<td>Development of the charging network for electric vehicles</td>
</tr>
<tr>
<td>Provincial and city councils</td>
<td>Participation in European research and development projects related to the electric bus and batteries</td>
</tr>
<tr>
<td>Private sector / companies</td>
<td>Increasing the use of electric vehicles</td>
</tr>
</tbody>
</table>

- **Progressive replacement of city buses by electric vehicles**
- **Electric car-sharing in order to access to commercial areas**
- **Development of the charging network for electric vehicles**
- **Participation in European research and development projects related to the electric bus and batteries**

**Arantxa Tapia** - Brussels 07/02/2017
Own Taxation system

providing land for

R+D+i

Startups

Entrepreneurship

Industrial Development

Energy Efficiency

Industrial activity

Technological Parks

FINANCIAL TOOLS
Eskerrik Asko!
Thank you!