



Resource Efficiency in Business: Experiences from EU Member States

2.nd European Ressource Forum

Ander Elgorriaga, Ihobe
Berlin, 11.th November 2014

BASQUE COUNTRY

Population: 2,1 MM inhab.
Surface: one third Hessen



Basque Brands:

- Iberdrola
- Gamesa
- Cie Automotive
- Fagor
- Orona

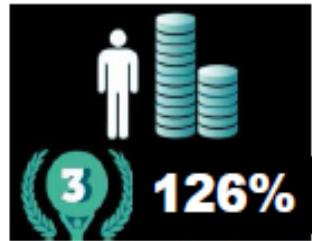
Value Chains :

- Renewables
- Smart Grids
- Automotive
- Train
- B2B Machinery and equipment

**> 90% of Taxes
collected and self
managed**



BASQUE COUNTRY



Per capita income (GDP)

Third ranked country in the EU (EU average 100%)



Science and technology graduates.

43% of young people have a university degree. (EU average: 24%)



Industrial GDP

Manufacturing Heritage (EU average 19,3%)



Productivity per Employee

Second ranked country in the EU for productivity per employee (EU av. 100%)

BASQUE COUNTRY



Quality in Tourism

Second ranked destination for Quality in Tourism certifications, after Andalusia



25 Michelin Stars in 2013

The greatest concentration of Michelin stars in the world. Basque Culinary Center



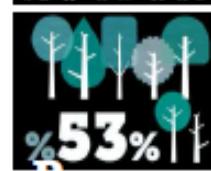
1,000,000 Annual Visitors to the Guggenheim Museum in 2012

World's top-ranked cultural infrastructure for self-financing



82 years: High quality health care.

The country with the longest life expectancy in the EU



Density of natural spaces

A country with 53% of its surface area covered in trees. (EU average: 37.8%)



The country of the Basque language

A unique language with no known connection to any other language



**“Environmental
Agency to
implement
Green Policies
in Industry”**

Market
Instruments



Knowledge



Networking



BASQUE COUNTRY



Market Instruments

Cleantech Tax Deduction

- 84 Clean Innovative Technologies, periodically reviewed
- 30% of Tax Deduction
- Up to 33 million €/year
- European similar Instruments Coordination with UK (ETL-WTL), Netherlands (MIA-VAMIL) and Flanders (Ecologiepremium)

300 MM €/year with 1: 16 induced investment





Knowledge

Ecodesign

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- > 2% of GDP, Ecodesigned Products with 5% more profit
- 150 companies ecodesigning
- 3 public € per CO2 ton reduced

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- More than 200 Ecodesign Engineers **Skilled** in Projects
- Ecodesign Management **ISO 14.006** Standard “made in Basque Country” with 75 industries certified



Eco-Design
Management System Certificate
ISO 14006





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BASQUE ECO DESIGN MEETING

2014

ihobe

Herr-Baltzka

EUSKO JAURLARITZA

INDUSTRIALA ETA LURRALDEA
POLITIKA SAILA

Sociedad Pública de
GOBIERNO
DEPARTAMENTO DE
INDUSTRIAL Y POLÍTICA TERRITORIAL

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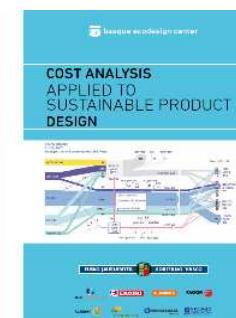
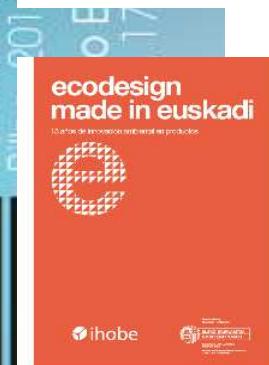
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Euskalduna Jauregia
Euskalduna
2014

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enec
european network
of ecodesign centres



2014 four-monthly monitoring reports
(January-April, May-September)





Networking

Ecoefficiency Programme 2014

- 1.200 RE actions implemented in 500 industries
- 35 multipliers reaches 70% of industry
- 7% wastes recycled - 1,2 % CHGs reduced – 0,03% TMR improved

“BUT still 1,3% GDP of calculated potential RE savings”



**PROGRAMA
ECOEFICIENCIA
EN LA EMPRESA VASCA**
MEMORIA 2011-2013

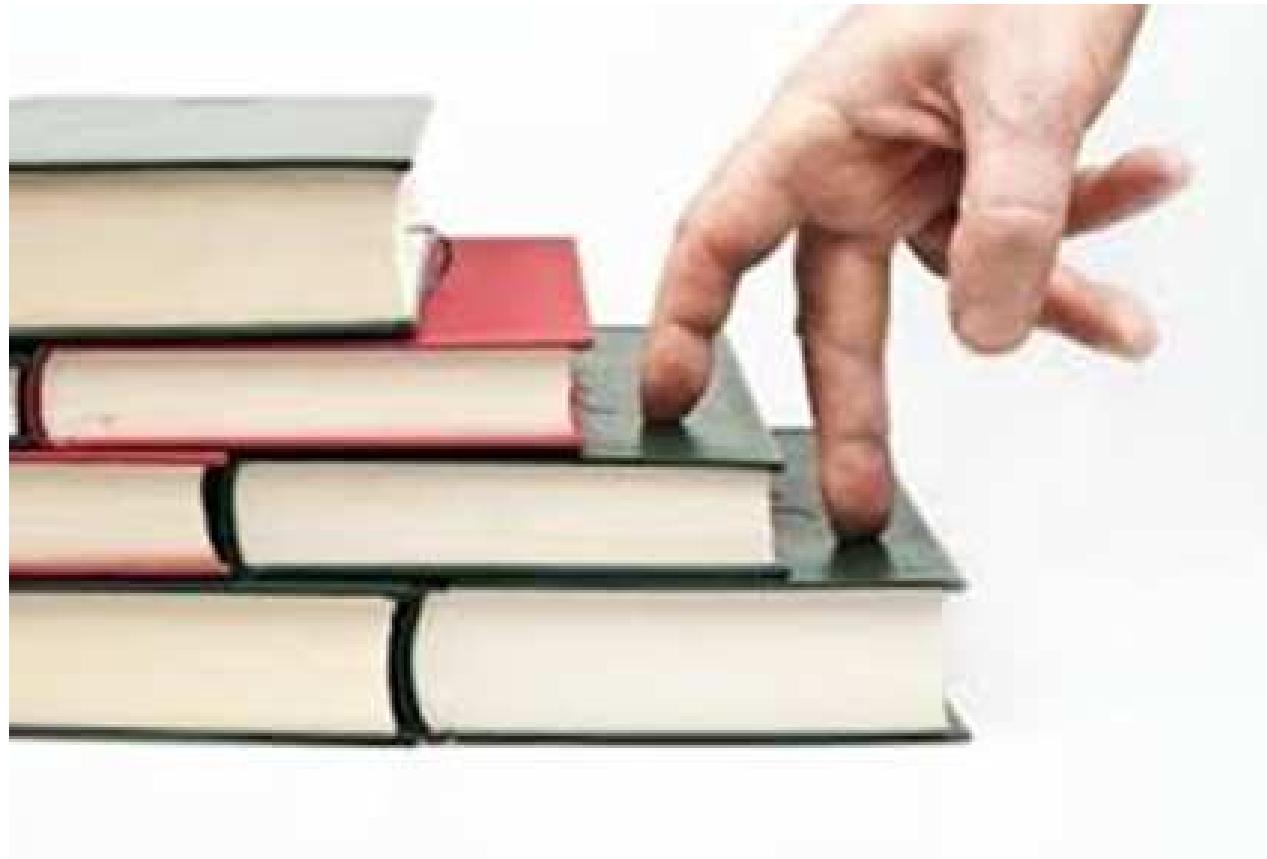
RESUMEN
EJECUTIVO



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GOBIERNO VASCO
CONSEJERÍA DE
ECONOMÍA Y
CONTRATOS

3 x Learnings



BASQUE COUNTRY

Learning 1: Competitor as Green driver¹¹



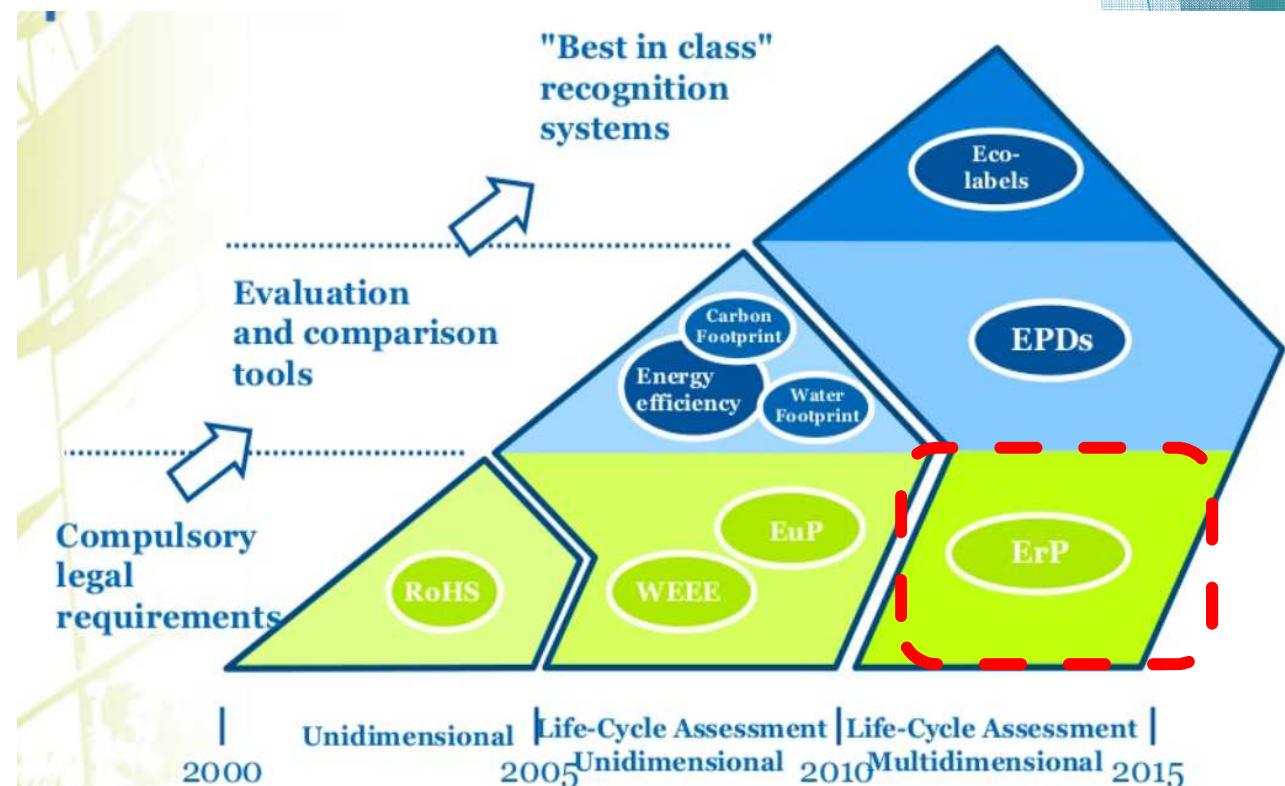
- Fast action
- High Cost-effectiveness
- International cooperation needed
- Lack of information and understanding by SME

BASQUE COUNTRY

Learning 2: The allied Legislation

IPPC Permits

- high potential to Foster Ressource Efficiency on Circular Economy, CleanTech and Product Footprint
- Industry dialogue based



ErP Comply

- Market Surveillance
- Supporting Top Runners

Learning 3: The Power of Greening Value Chains

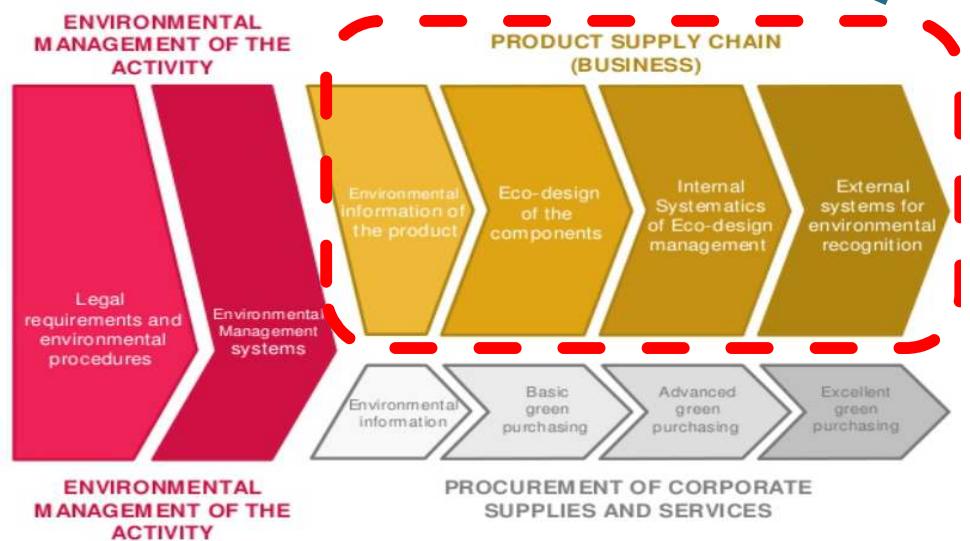
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- Cost Effective Public Private Partnership → Knowledge
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- Customer as TOP DRIVER
-
- Greening Value Chains: CORE BUSINESS IS PRIORITY
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- Automotive, Renewables, Retail, Manufacturing

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- 3 years of Partnership with 8 Basque Multinationals
- 250 suppliers of value chains to be greened on components & products

Stages in Green Supply Chain Managements Model:



Your suppliers

velatia



FAGOR



Our costumers



RWE



DB

e.on



BASQUE COUNTRY

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DANKE THANK YOU
ESKERRIKASKO

BASQUE COUNTRY

