

JOINT RESEARCH CENTER
One-Stop Shops in the EU:
current and future role in building renovation
Brussels, 13th March 2019



HIROSS4all
One-Stop-Shops as a key tool for citizen engagement for
large-scale Regional renovation strategies

Ignacio de la Puerta

Director of Territorial Planning, Urbanism and Urban Regeneration
Basque Government

EUSKO JAURLARITZA



GOBIERNO VASCO

INGURUMEN, LURRALDE PLANGINTZA
ETA ETXERIZITZA SAILA

DEPARTAMENTO DE MEDIO AMBIENTE,
PLANIFICACIÓN TERRITORIAL Y VIVIENDA

THANK YOU FOR YOUR ATTENTION

SUMMARY

- **STARTING DATA**

- **HIROSS4all (Home Integrated Renovation One Stop Shop for vulnerable districts): some essential keys**

- **Training**
- **Management**
- **Finance**
- **Research**

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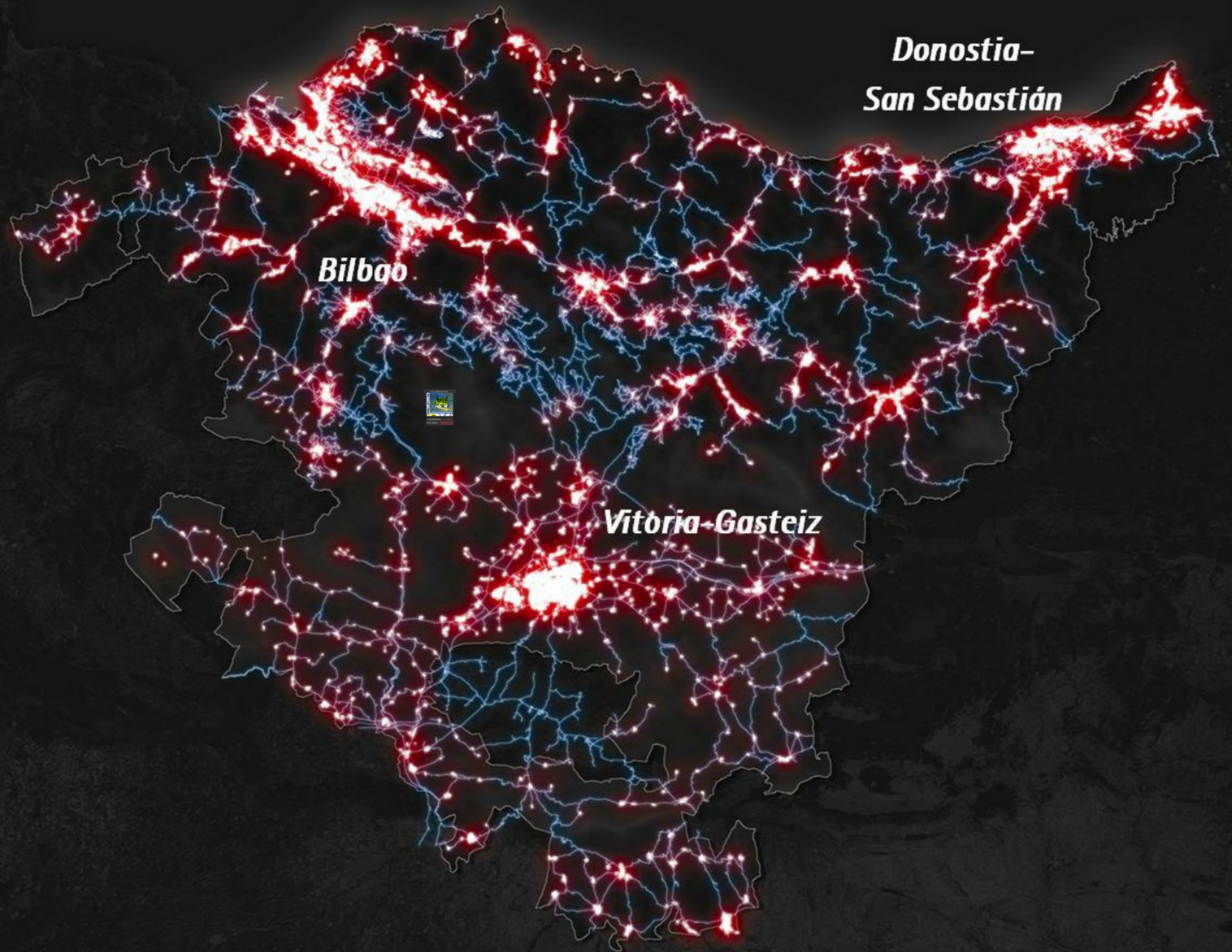


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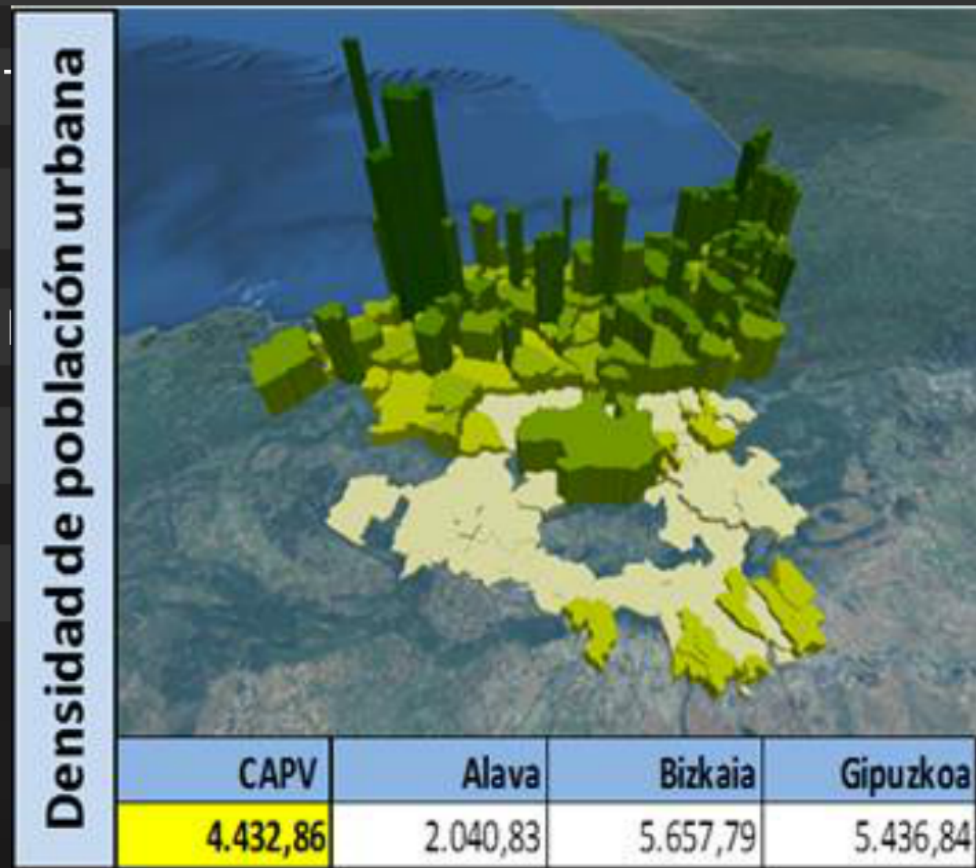


***Donostia-
San Sebastián***

Bilbao

Vitoria-Gasteiz

A very Urban Territory



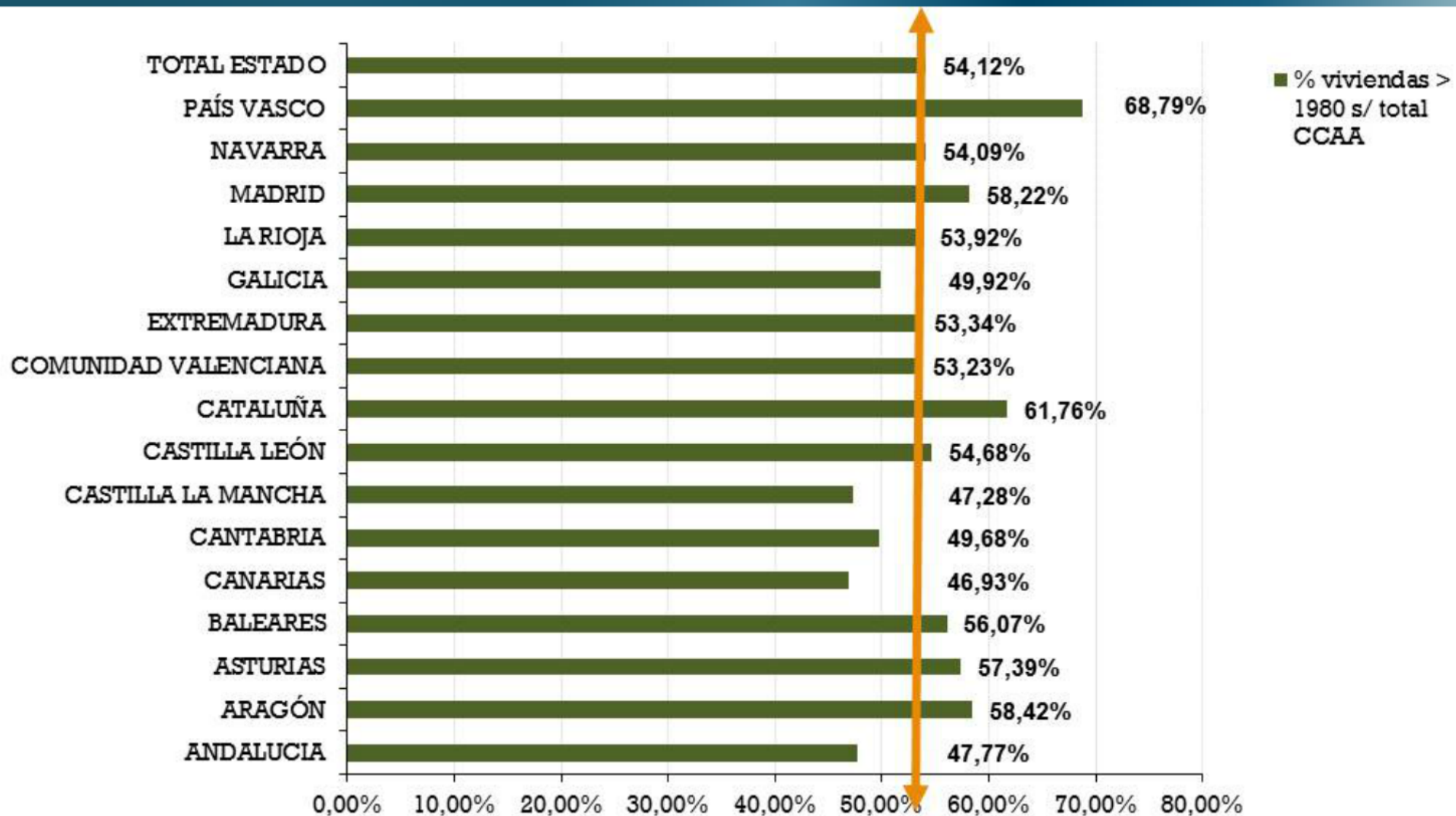
Energy Dependence

93,1%

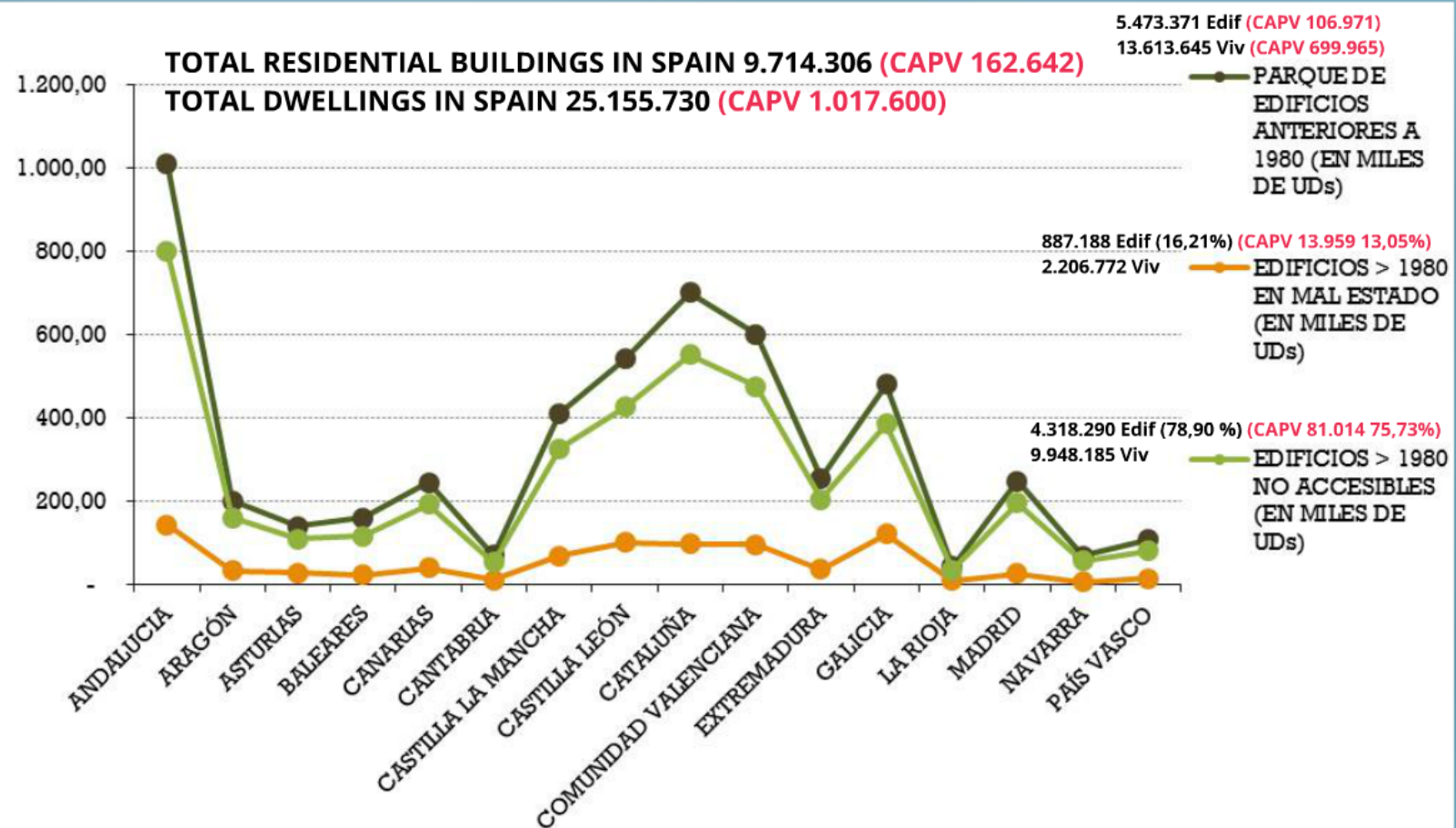
CO2 Emissions

28 M TONS/YEAR
8,8 tCO2eq/inhab

OLDEST BUILDING STOCK IN SPAIN



VERY LOW ACCESSIBILITY LEVEL



SOURCE: Informe GTR sobre la Situación de la Rehabilitación en las CCAA

CONCENTRATED IN MULTIFAMILY BUILDINGS IN TOWNS AND CITIES

93% PRIVATELY OWNED

NUMBER OF MAIN DWELLINGS

Fuente: Censo de Población y viviendas 2011. Instituto Nacional de Estadística (INE)

SIZE OF MUNICIPALITY			≤ 20.000 habitantes								≥ 20.001 habitantes								No consta
UNIFAMILIAR - PLURIFAMILIAR			Unifamiliares			Plurifamiliares			No consta		Unifamiliares			Plurifamiliares			No consta		No consta
PLANTAS - ASCENSOR			1 - 3 pl.		≥ 4 pl.	1 - 3 pl.		≥ 4 pl.	No consta	No consta	1 - 3 pl.		≥ 4 pl.	1 - 3 pl.		≥ 4 pl.	No consta	No consta	No consta
CCAA	ETAPA	ESTADO	Total	Total	% S. Asc.	Total	Total	% S. Asc.	Total	Total	Total	Total	% S. Asc.	Total	Total	% S. Asc.	Total	Total	Total
País Vasco	< 1940	Total	15.621	68	100%	14.814	13.866	99%	0	0	3.471	0	-	5.325	49.506	44%	0	0	0
		% C. Def.	17%	4%	4%	18%	15%	14%	-	-	17%	-	-	17%	13%	10%	-	-	-
	1941-1960	Total	3.989	24	50%	2.854	22.696	92%	0	0	1.731	13	100%	6.722	84.374	46%	0	0	0
		% C. Def.	11%	0%	0%	12%	5%	4%	-	-	14%	0%	0%	11%	8%	5%	-	-	-
	1961-1980	Total	3.890	8	100%	9.774	97.026	99%	0	0	1.041	0	-	6.719	256.844	19%	0	0	0
		% C. Def.	5%	0%	0%	2%	2%	1%	-	-	3%	-	-	10%	2%	1%	-	-	-
	1981-2007	Total	17.023	77	100%	18.998	58.789	10%	0	0	6.425	35	0%	7.032	125.248	3%	0	0	0
		% C. Def.	0%	0%	0%	0%	0%	0%	-	-	0%	0%	0%	0%	0%	0%	-	-	-
	2008-2011	Total	2.704	4	100%	2.847	10.030	2%	0	0	678	40	100%	827	24.000	0%	0	0	0
		% C. Def.	0%	0%	0%	0%	0%	0%	-	-	0%	0%	0%	2%	0%	0%	-	-	-
No consta			0	0	-	482	0	-	581	3.487	0	0	-	304	0	-	677	1.420	0

TOTAL MAIN DWELLINGS

888.940 (88%)

672.887 (75%)

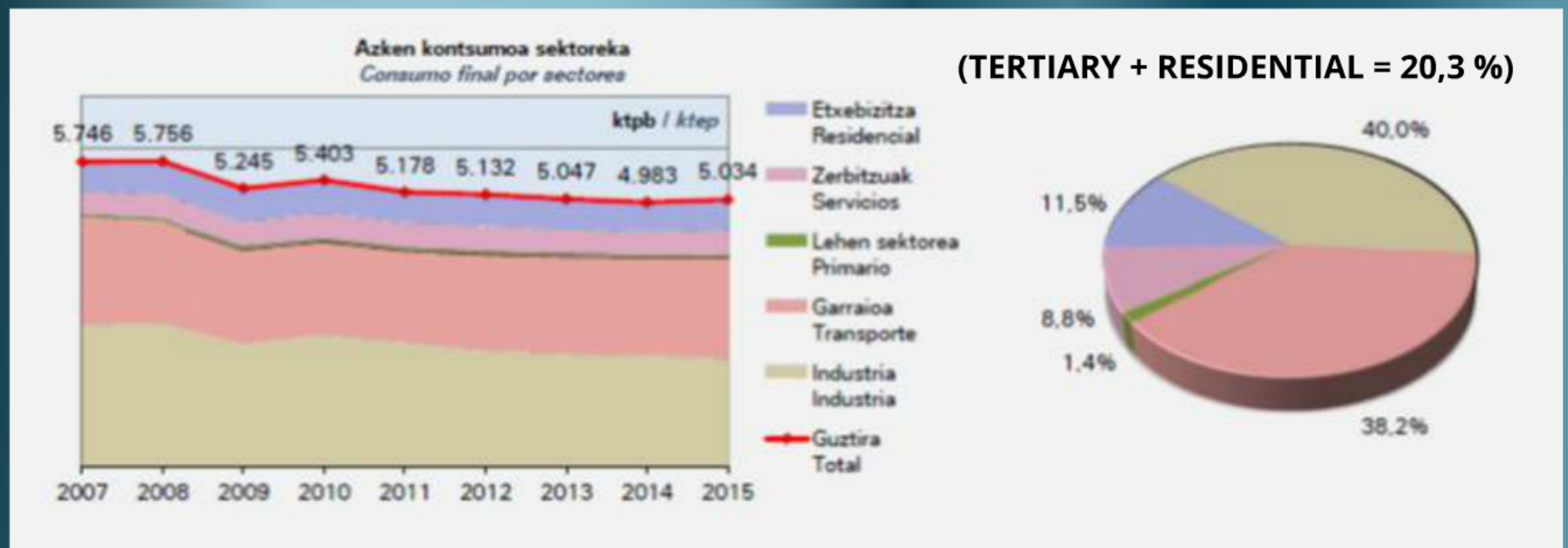
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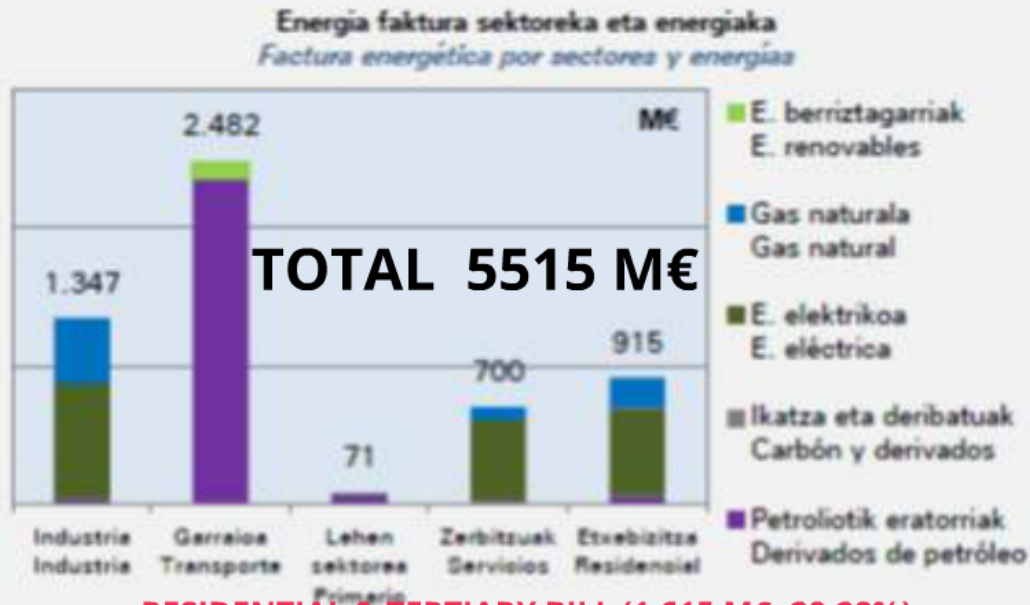
SOURCE: "GTR Comunidades Autónomas" para la Revisión de la Estrategia Nacional

ENERGY CONSUMPTION: ONLY 20%

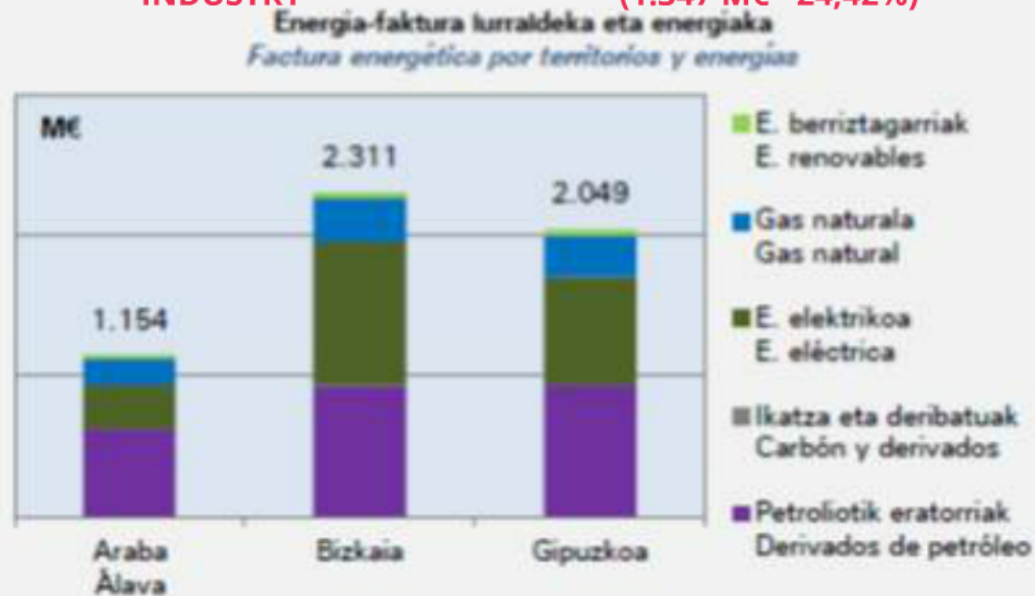


SOURCE: "Informe EUSKADI ENERGIA 2015"- EVE

BUT HUGE ENERGY BILL



RESIDENTIAL & TERTIARY BILL (1.615 M€- 29,28%)
INDUSTRY (1.347 M€ - 24,42%)



SOURCE: Informe EUSKADI ENERGIA 2015 - EVE

20% DWELLINGS WITHOUT HEATING SYSTEM...

7.4. DISTRIBUCIÓN DE LAS VIVIENDAS PRINCIPALES SIN CALEFACCIÓN POR CCAA

CCAA**	ZONAS CLIMÁTICAS (CAPITALES)	VIVIENDAS PRINCIPALES	EFICIENCIA ENERGÉTICA	% VP (1)*
ANDALUCIA	A, B, C	3.087.222	2.411.515	78,1%
ARAGÓN	D	538.870	80.173	14,9%
PRINCIPADO DE ASTURIAS	C	457.798	89.546	19,6%
ILLES BALEARS	B	429.737	283.856	66,1%
CANARIAS	α	789.953	756.564	95,8%
CANTABRIA	C	236.743	55.741	23,5%
CASTILLA Y LEÓN	D, E	1.037.966	123.515	11,9%
CASTILLA-LA MANCHA	C, D	787.516	162.192	20,6%
CATALUÑA	B, C, D	2.944.944	941.182	32,0%
COMUNITAT VALENCIANA	B	1.986.896	1.350.780	68,0%
EXTREMADURA	C	424.980	285.718	67,2%
GALICIA	C, D	1.059.233	350.706	33,1%
COMUNIDAD DE MADRID	D	2.469.378	298.191	12,1%
REGIÓN DE MURCIA	B	515.367	365.575	70,9%
COMUNIDAD FORAL DE NAVARRA	D	248.596	14.360	5,8%
PAÍS VASCO	C, D	888.940	175.902	19,8%
LA RIOJA	D	129.984	11.093	8,5%
CEUTA	B	24.904	23.704	95,2%
MELILLA	A	24.666	20.349	82,5%

* % VP (1): Parque de viviendas principales respecto al parque principal estatal en la misma CCAA

**Se resaltan los porcentajes por debajo del 30%, entendiéndose que es en estos parques donde la inexistencia de calefacción es una carencia real

SOURCE: Análisis de las características del parque residencial, Ministerio de Fomento

.... CONCENTRATED IN MULTIFAMILY BUILDINGS

CONSUMO TOTAL DE CALEFACCIÓN DE LAS VIVIENDAS PRINCIPALES CON DEFICIENCIAS

Unidades: MWh | Versión: v1. Fuente: energética clasificada por provincia, rural-urbana, unifamiliar-plurifamiliar y año de construcción

Fuente: Censo de Población y Viviendas 2001; Censo de Población y Viviendas 2011 (INE). Proyecto SEDH-SPAHOUSEC (ODAB).

Potencial de ahorro energético y de reducción de emisiones de CO2 del parque residencial existente en España en 2020 (WWF). CARRIBR.

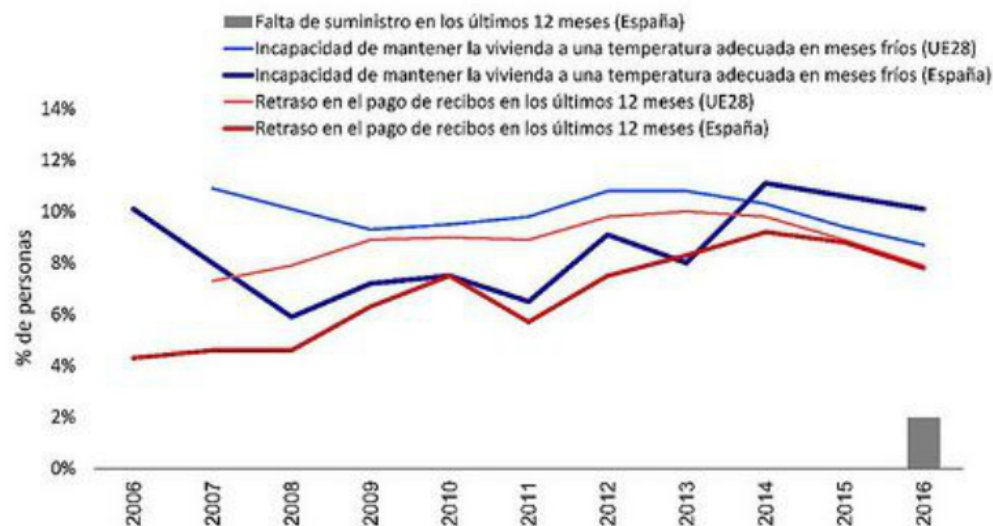
TAMAÑO MUNICIPIO			≤ 20.000 habitantes								≥ 20.001 habitantes								No consta
UNIFAMILIAR - PLURIFAMILIAR			Unifamiliares				Plurifamiliares				Unifamiliares				Plurifamiliares				No consta
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CCAA			Total		Total		Total		Total		Total		Total		Total		Total		No consta
ETAPA ESTADO			Total		Total		Total		Total		Total		Total		Total		Total		No consta
País Vasco	< 1940	Total	21.307	21	100%	4.138	3.246	90%	0	0	4.213	0	-	1.372	10.372	81%	0	0	0
		% C. Def.	100%	100%	100%	100%	100%	90%	-	-	100%	-	-	100%	100%	81%	-	-	-
	1941-1960	Total	5.300	0	-	1.966	1.580	80%	0	0	1.974	0	-	1.289	11.227	73%	0	0	0
		% C. Def.	100%	-	-	100%	100%	80%	-	-	100%	-	-	100%	100%	73%	-	-	-
	1961-1980	Total	2.411	0	-	347	2.447	71%	0	0	239	0	-	1.134	13.082	44%	0	0	0
		% C. Def.	100%	-	-	100%	100%	71%	-	-	100%	-	-	100%	100%	44%	-	-	-
Total Clusters:	1981-2007	Total	477	0	-	133	113	83%	0	0	0	0	-	262	832	17%	0	0	0
		% C. Def.	100%	-	-	100%	100%	83%	-	-	-	-	-	100%	100%	17%	-	-	-
	2008-2011	Total	20	0	-	7	3	0%	0	0	0	0	-	22	50	0%	0	0	0
		% C. Def.	100%	-	-	100%	100%	0%	-	-	-	-	-	100%	100%	0%	-	-	-
	Total:	Total	0	0	-	0	0	-	0	0	0	0	-	0	0	-	0	0	0
		% C. Def.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOURCE: "GTR Comunidades Autónomas" para la Revisión de la Estrategia Nacional

16% ENERGY POVERTY

20% DWELLINGS WITHOUT

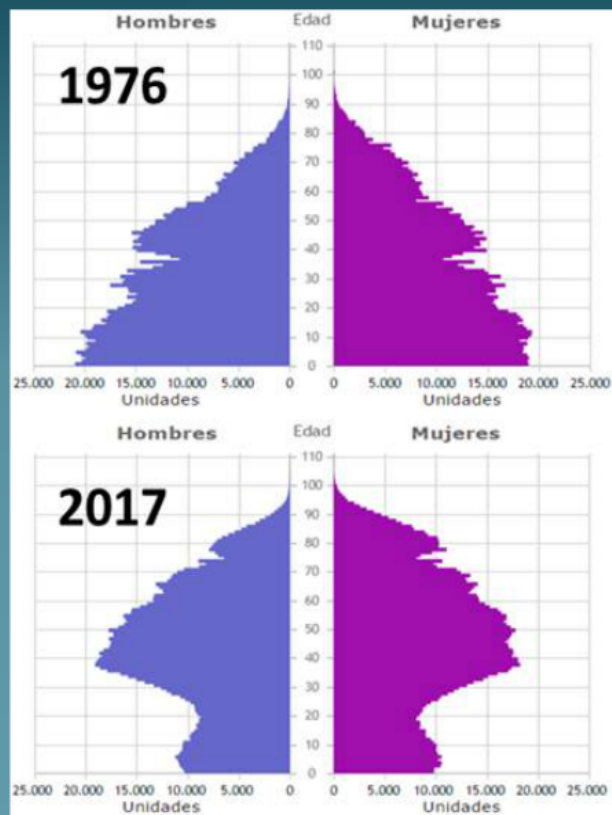
16% ENERGY POVERTY



2016	2M	HEP	Temp.	Ret.	Falta Sum.
España	17%	12%	10%	7%	2%
País Vasco	9%	5%	6%	6%	2%

	Nº de hogares (millones)	Nº de personas (millones)	% de personas
Vivienda con temperatura inadecuada	1,9	4,6	10%
Un retraso en el pago de recibos	0,3	0,8	2%
Dos o más retrasos en el pago de recibos	0,9	2,8	6%
Un retraso y temperatura inadecuada	0,1	0,2	0,4%
Dos retrasos y temperatura inadecuada (sin desconexión de suministro)	0,4	1,2	3%
Desconexión de suministro (y temperatura inadecuada)	0,3	0,9	2%
Dos retrasos, desconexión de suministro (y temperatura inadecuada)	0,2	0,5	1%
Vivienda con temperatura inadecuada o retraso en el pago de recibos	2,6	6,8	15%

AGEING/ DEPENDENCY: THE ELEPHANT IN THE ROOM



Fuente: Eustat

Proyecciones demográficas 2017-2031

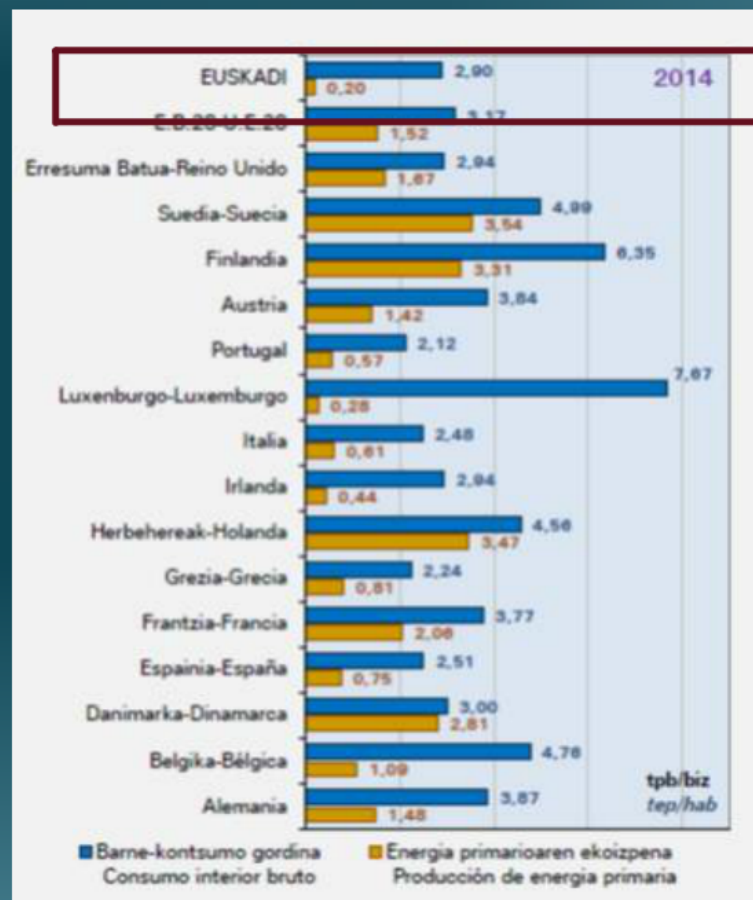
Ámbito Territorial	2017	2020	2026	2031
Álava	323.800	327.900	333.700	337.600
Bizkaia	1.137.300	1.132.000	1.119.200	1.109.500
Gipuzkoa	713.000	720.000	730.300	738.700
CAPV	2.174.100	2.179.900	2.183.200	2.185.800

Dependencia

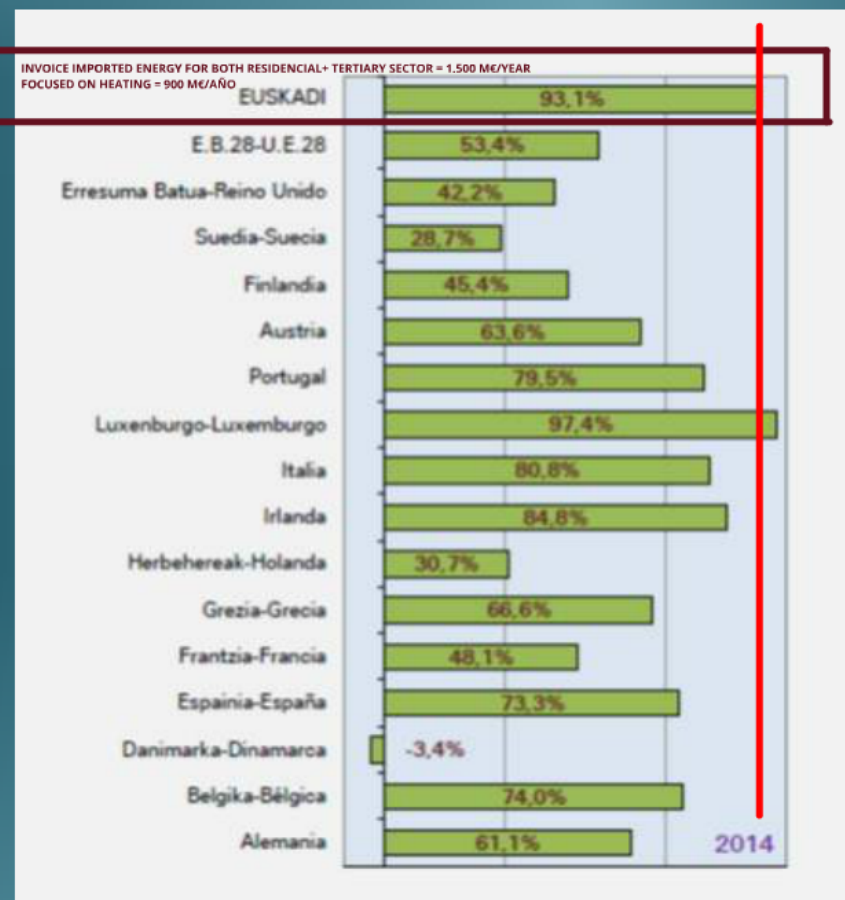
Intervalo de edades	total	Porcentaje	Tasa de dependencia (P0-15+P65+)/P16-64 (%)
0-15	301.300	13,81%	67,70%
16-64	1.301.200	59,66%	
≥65	578.500	26,52%	

ENERGY PRODUCTION AND DEPENDENCE

ENERGY BILL 5.500 M€/YEAR



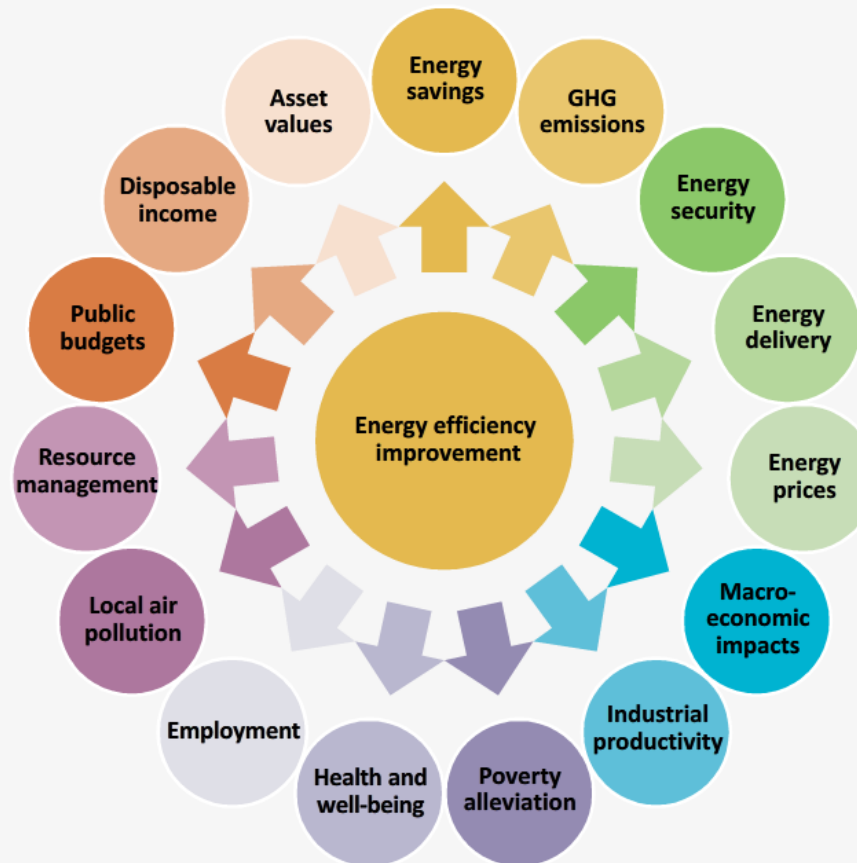
INVOICE OF IMPORTED ENERGY 5.150 M€/YEAR



Fuente: Informe EUSKADI ENERGIA 2015 - EVE

Figure 1.1

The multiple benefits of energy efficiency



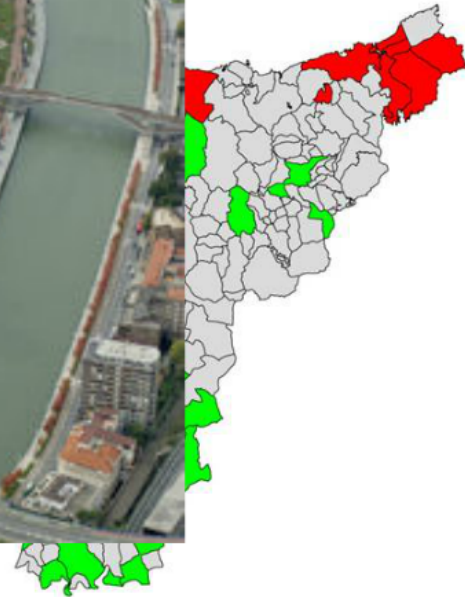
Notes: GHG = greenhouse gas. This list is not exhaustive, but represents some of the most prominent benefits of energy efficiency identified to date.
Source: Unless otherwise noted, all material in figures and tables in this chapter derives from IEA data and analysis.

Key point

A multiple benefits approach to energy efficiency reveals a broad range of potential positive impacts.

Historical trajectory in renovation of buildings and urban regeneration

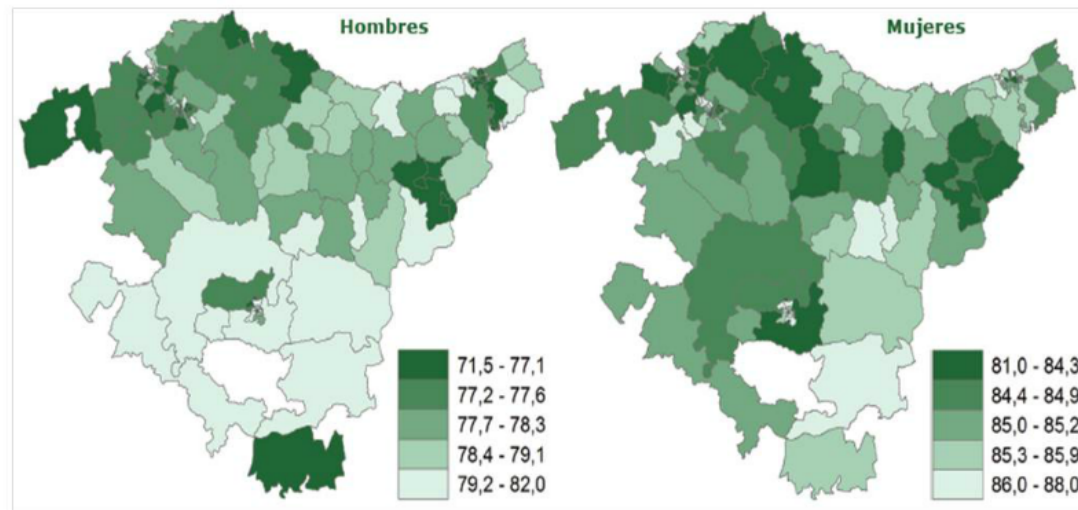
- From the intervention in the cultural Heritage to the Historic Centre



NEED FOR INTERVENTION IN THE BUILDING STOCK OF THE BASQUE COUNTRY

31% VULNERABLE

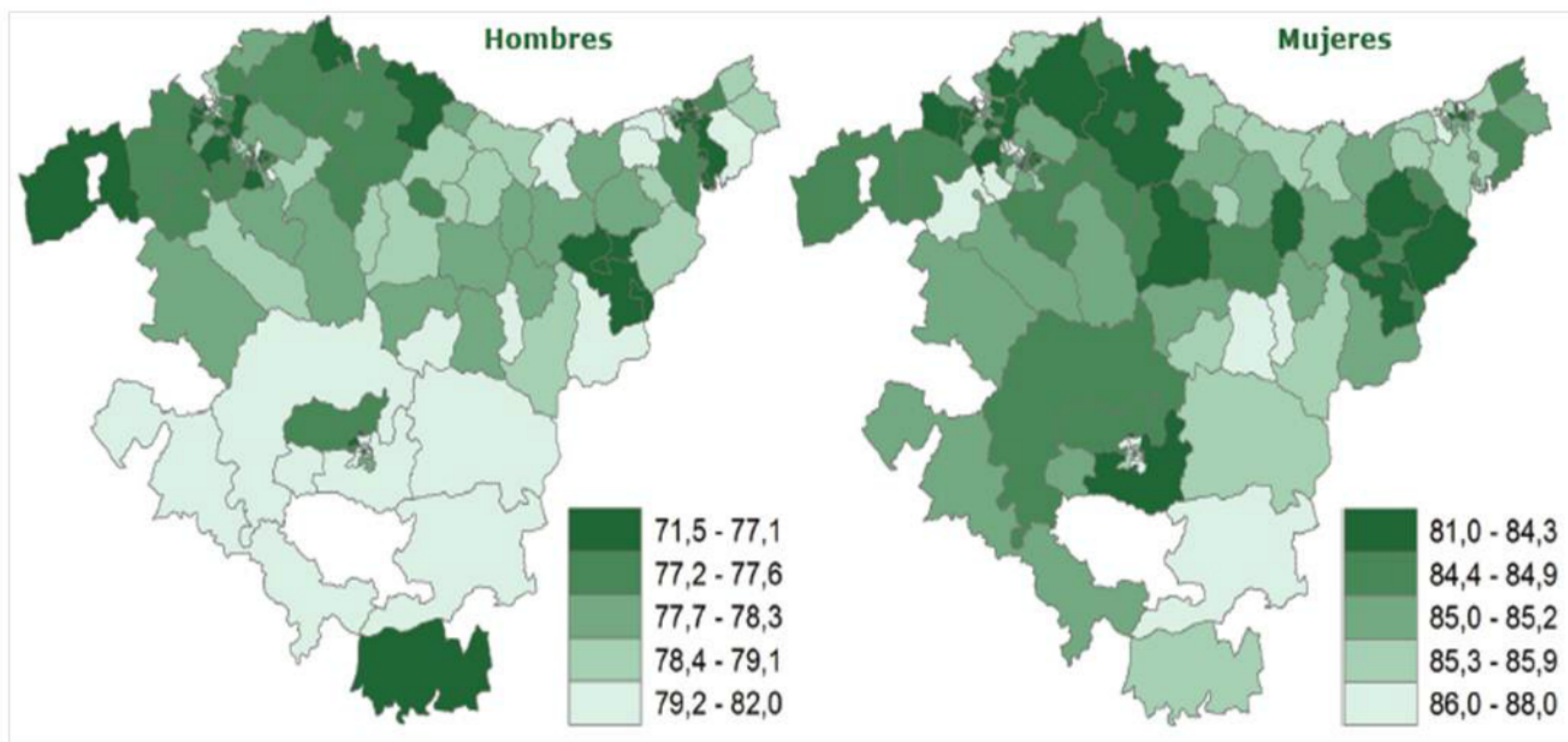
Figura 1. Esperanza de vida al nacimiento en zonas básicas de salud CAPV, 2006-2010



Fuente: Calvo M, Esnaola S. Desigualdades en la esperanza de vida en las zonas básicas de salud de la CAPV, 2006-2010

INHABITANTS 681.453
BUILDINGS 31.819
DWELLINGS 283.723

Figura 1. Esperanza de vida al nacimiento en zonas básicas de salud CAPV, 2006-2010



Fuente: Calvo M, Esnaola S. Desigualdades en la esperanza de vida en las zonas básicas de salud de la CAPV, 2006-2010

DIAGNÓSTICO DE LA REHABILITACIÓN EN LAS COMUNIDADES AUTÓNOMAS

LUCES Y SOMBRAS DE UN SECTOR QUE NO DESPEGA



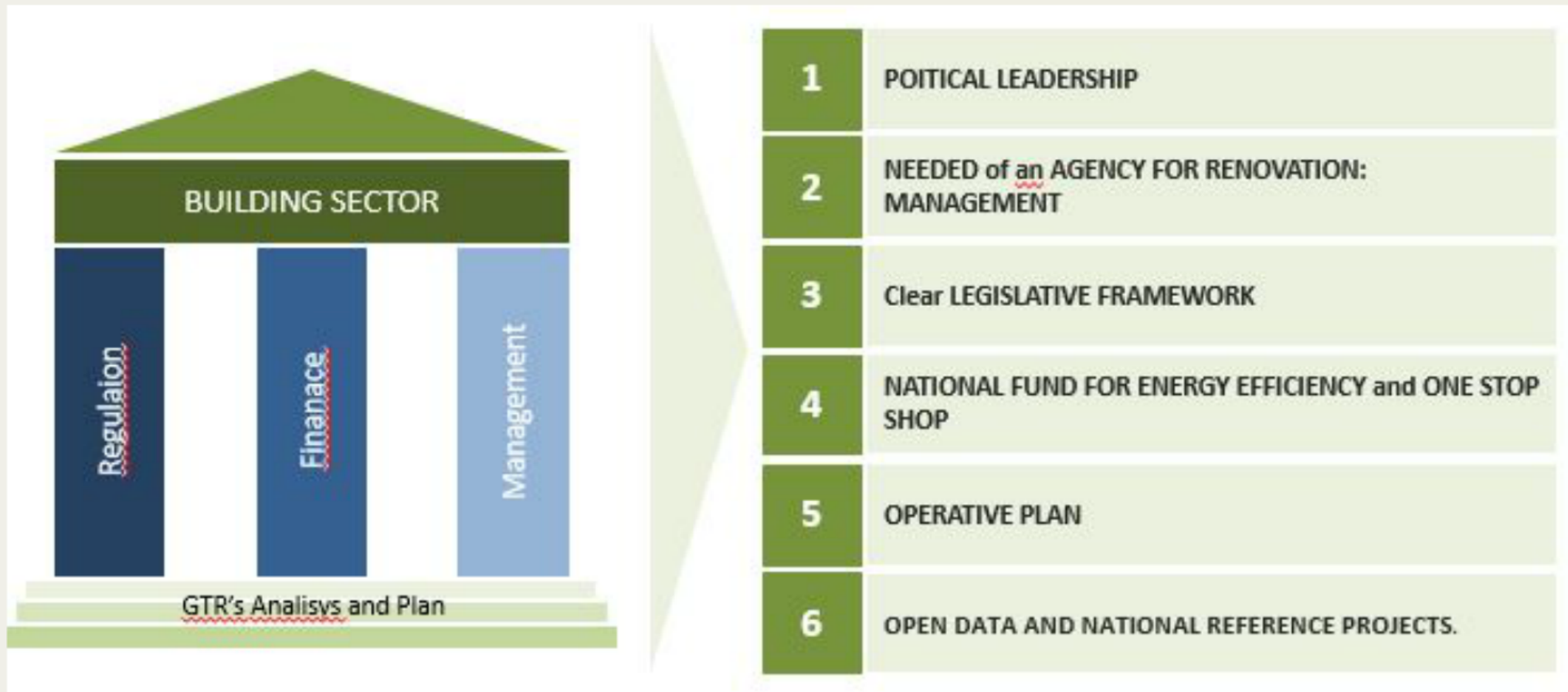
Coautores:

Albert Cuchí
Ignacio de la Puerta

Una iniciativa del Grupo de Trabajo sobre Rehabilitación: **GTR**

Coordinado por:





SOURCE: Informe GTR 2014

INTEGRATION OF CROSS CUT MEASURES

- Physical Renovation of cities and towns**
- Learning/Training**
- Economic development**
- Health and well-being**
- Social inclusion**
- Adaptation and mitigation to climate change**
- Nature based solutions**

- URBAN LABORATORIES

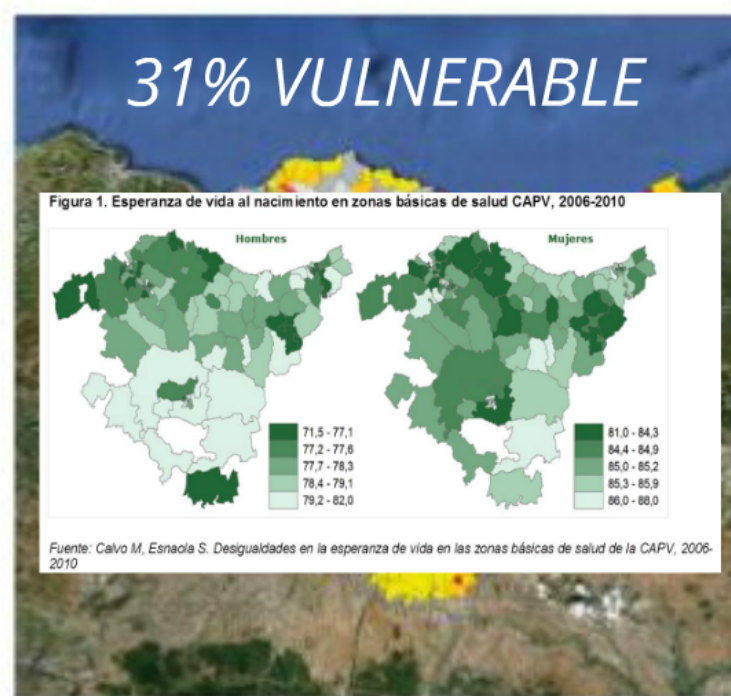
AN INTEGRATED TERRITORIAL PLAN FOR URBAN REGENERATION

NEED FOR INTERVENTION IN THE BUILDING STOCK OF THE BASQUE COUNTRY



INTERVENTION OF CHARGE CUP MEASURES:

- Physical renovation of urban and fabric
- Learning training
- Economic development
- Health and well-being
- Social inclusion
- Adaptation and migration to climate change
- Reduce noise pollution



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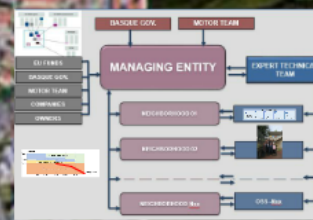
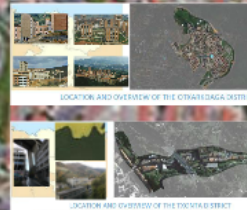
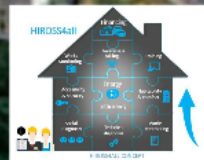


Safe and affordable home renovation: Upgrading buildings. Improving lives.





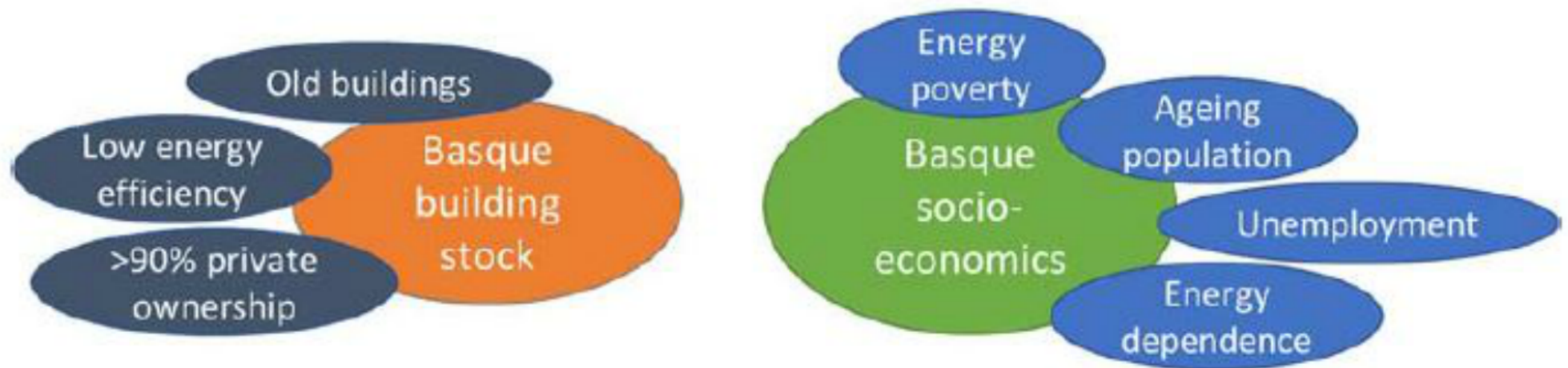
HIROSS4ALL: HOME INTEGRATED RENOVATION ONE-STOP-SHOP FOR VULNERABLE DISTRICTS



Safe and affordable home renovation: Upgrading buildings. Improving lives.



HOME INTEGRAT



SUMMARY OF RELEVANT ISSUES IN THE BASQUE COUNTRY

Safe and affordable

HIROSS4all



HIROSS4ALL CONCEPT



LOCATION AND OVERVIEW OF THE OTXARKOAGA DISTRICT



LOCATION AND OVERVIEW OF THE TXONTA DISTRICT





LOCATION AND OVERVIEW OF THE OTXARKOAGA DISTRICT



LOCATION AND OVERVIEW OF THE TXONTA DISTRICT



District office one-stop-shop



Technical advice
Coordinate the renovation projects



Advice on social matters
Ensure a smooth contact with citizens



Administrative staff
In charge of operations of the district offices

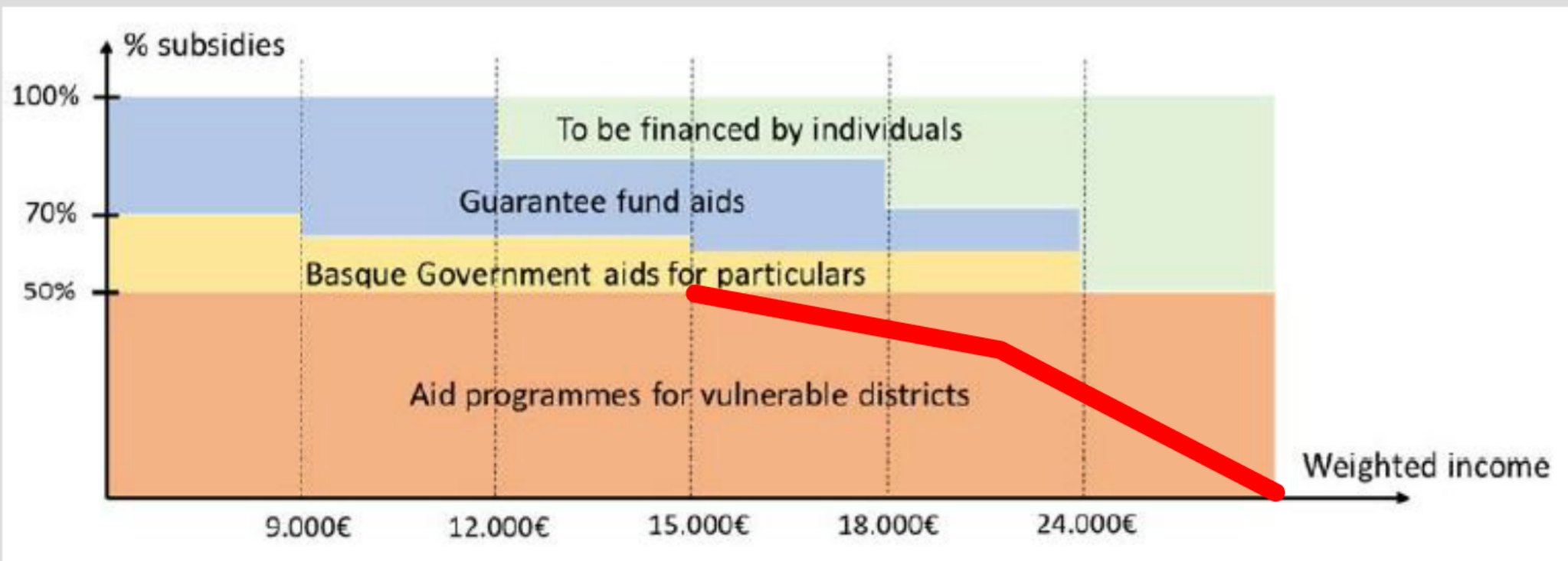


Advice in legal/regulatory issues
Help reducing administrative burden



Financing advice
Customize a financing program for homeowners







HIROSS4ALL IMPACT

Expected impact in Euskadi

Project performance <u>indicator</u>	<u>Quantity</u>		<u>Unit of measurement</u>
	2019-2021	2021-2025	
<u>Renovated buildings</u>	22	280	Nº <u>buildings</u>
<u>Number of dwellings taking part</u>	461	5900	Nº <u>dwellings</u>
<u>Sustainable energy investment</u>	€ 11,71	€ 150	M. EUR
<u>Private investment</u>	€4,68	€120	M. EUR
<u>Primary energy saving</u>	4,25	27,25	<u>GWh/year</u>
<u>Reduction of CO2 emissions</u>	1194,25	7657,25	tCO2 /year

Title of the Project	HIROSS4all
Project coordinator	Basque Government, Direction of Regional Planning, Urbanism and Urban Regeneration
Project partners	Bilbao & Eibar Housing Associations (pilot-project hosts), EVE (Basque Energy Agency), Global New Energy Finance, GabineteSeis (Communication Agency), Zabala Innovation Consulting, Housing Europe, Fedarene
Geographical coverage	Basque Region (initially two pilot-projects in Bilbao and Eibar, but the model is set to be replicated within the Region)
Timeframe	36 months (May 2019-April 2022)
Current status	GAP – Kick off foreseen on 1 May 2019
Predecessor	n/a – Although related in the financing model to the EuroPACE project
Sustainability	The Basque Urban Agenda “Bultzatu 2050”, foreseen to be approved in October 2019, will provide a strategic framework for urban regeneration projects in the Region in the long term.
Main aims	HIROSS4all will develop an innovative integrated home renovation service for private residential buildings (condominiums). The project will develop an economically viable business model that brings together active citizen engagement and an innovative financial instrument, making the service suitable for vulnerable populations.
Key outputs	The home renovation service will focus on significant energy efficiency improvement and also consider the social dimensions of the renovation process, such as accessibility, comfort, security, neighbourhood/cultural identity and mutual trust. By the end of the project, the model will be upscaled to the whole Basque Country.
Contribution to the OSS concept	The “double coverage” from public institutions (Basque Government: overall strategy and regional dissemination / Municipalities: Development of pilot-projects) and the development of an innovative financing model (the EuroPACE approach) will make it easier to facilitate turn-key solutions to homeowners, covering the whole customer journey. In addition, the vetting & training from the Basque Govrenment will enable citizens to gain access to reliable professionals covering the renovation journey.
Partnerships (esp. local financing community)	Municipalities from pilot-projects, local Communication Agency, Regional Energy Agency, International financing experts
Target sector	A report commissioned by Basque Government in 2011 ("Diagnosis of the intervention needs in the Basque Autonomous Community building stock renovation") identified that 31% of Basque population was living on “vulnerable” or “very vulnerable” districts. This project targets these neighbourhoods.
Target measures	Assistance on technical, administrative and social aspects of building renovation
Social responsibility	The project will focus in districts classified as “vulnerable” or “very vulnerable”
Funding	
Contact details	Ignacio de la Puerta – Director, Regional Planning, Urbanism and Urban Regeneration, Basque Government



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