



The Economic Strategy of Navarra Towards 2030

NEW ECONOMIC MODEL OF
MODERNA
DEVELOPMENT FOR NAVARRA



Cernin Martínez Yoldi
General Director Fundación MODERNA
Groningen, 25 January 2013





NAVARRA, regional overview

- 37th EU Region by income per capita
 - Objective 1 region: Competitiveness and Employment, according to Cohesion Policy 2007-2013



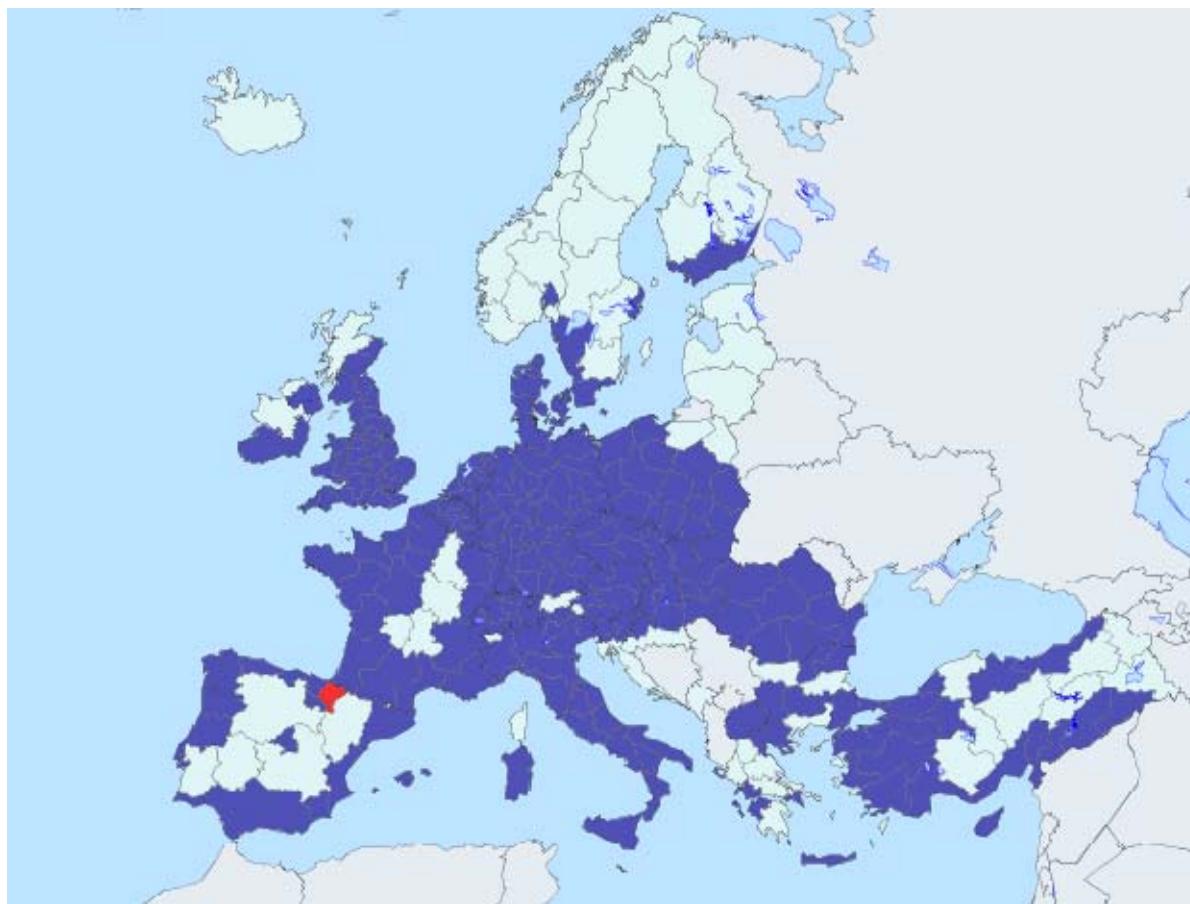


NAVARRA, regional overview

Population density by NUTS 2 regions

Inhabitants per km² - 2009

Based on a comparison with: Comunidad Foral de Navarra



Legend

■ Lower Than Navarra

■ Navarra

■ Higher Than Navarra

Data of Navarra:

Surface: 10.391 km²

Population: 622.121 inhabs (2011)

Population Density (inhabs/km ²)	2009
European Union (UE27)	116,6
Spain	91,8
Navarra	60,0

Source: Eurostat 2009

GDP (PPS) per Inhab. (Euros)	2009
European Union (UE27)	23.500
Spain	24.200
Navarra	30.500
GDP (PPS) per Inhab. (%UE27)	2009
European Union (UE27)	100%
Spain	103%
Navarra	130%



NAVARRA, regional overview



GDP per Branches (2011)	Agriculture	Industry	Construction	Services
European Union (UE27)	1,7 %	19,5 %	6,3 %	72,5 %
Spain	2,6 %	16,9 %	11,5 %	68,9 %
Navarra	2,9 %	28,6 %	9,2 %	59,2 %

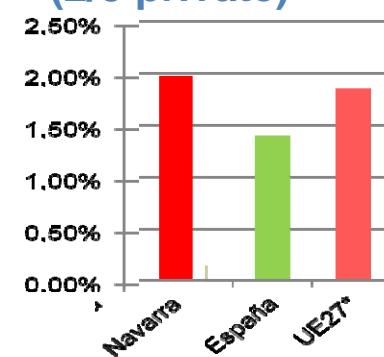


Transport and Automotive Manufacturing	4,9 %
Electric, electronic and optical equipment	4,1%
Metallurgical industry	4,0 %
Agrofood industry	3,7%
Machinery	3,0 %

Education – R&D

3 Universities
14 Technological and Research Centres **Renewable Energies, Bio Medicine, Agrofood, Nano and Materials, Metal-mechanic, Electronics and Telecommunications, Automotive technology Environment**

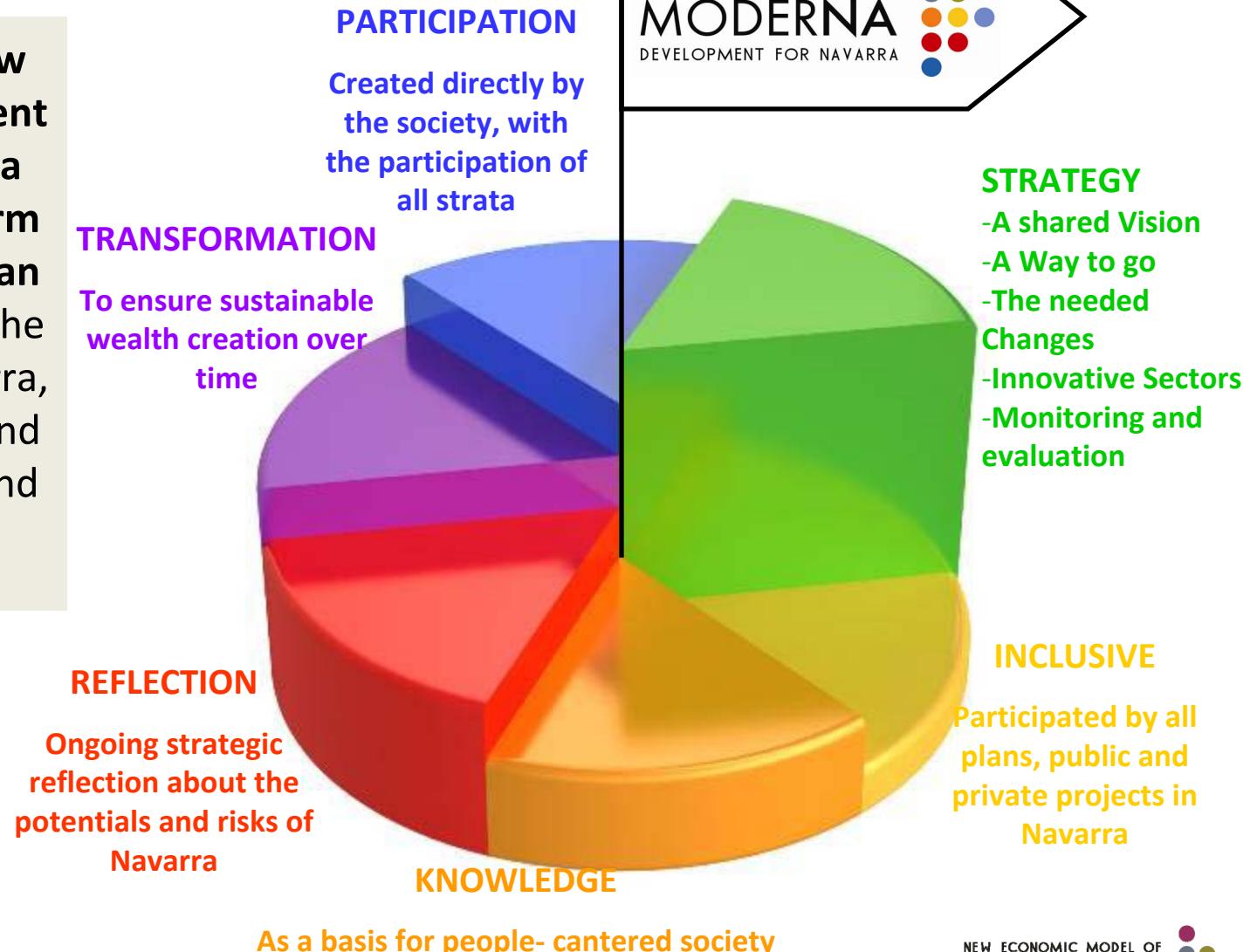
R+D+i / GDP 2010 (2/3 private)





What is MODERNA PLAN?

MODERNA is the new Economic Development Model for Navarra: a medium and long term Strategic Regional Plan (2030) promoted by the Government of Navarra, the main economic and social stakeholders and the Universities.





The process

Public-private collaboration on designing and developing the Economic Development Plan





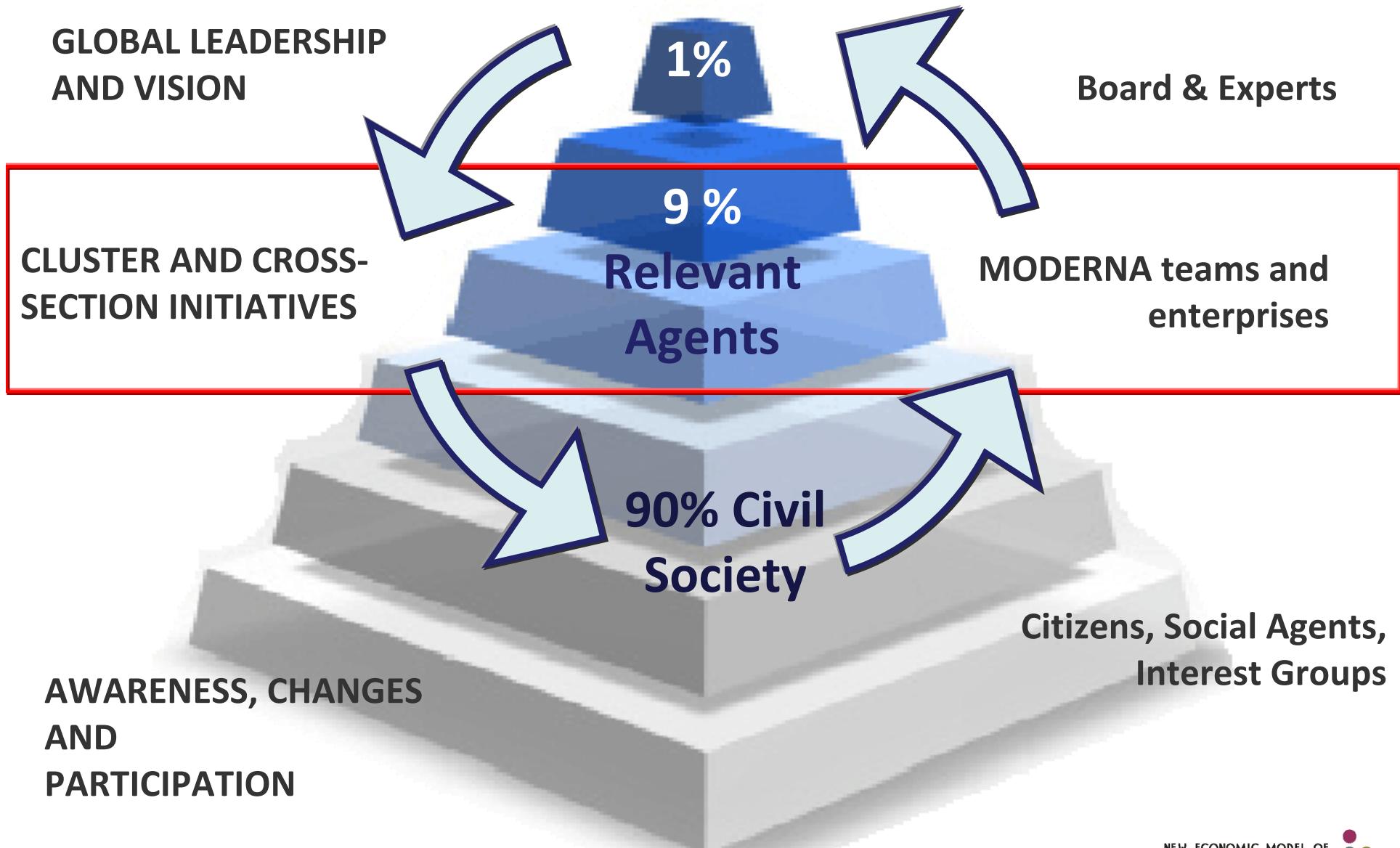
Participation in the Plan (Inclusive)

+ More than 5.000 people have been involved in designing MODERNA





Participation in the Plan (Bottom-up)





What Objectives is MODERNA proposing for the future?

Greater prosperity
Greater quality of life
Greater sustainability



GDP PER CAPITA

To position Navarra amongst the 20 leading European regions in GDP per capita and with a fair distribution of wealth.

To achieve this, each MODERNA cluster is firmly committed to increased productivity, employment and international competitiveness, through technological improvements, the development of human capital and ventures into new, high productivity sectors.



HUMAN DEVELOPMENT

To position Navarra amongst the 20 leading European regions in the Human Development Index (HDI).

High quality health care and an excellent education system are two key strengths of Navarra. In order to maintain and enhance these areas, the MODERNA plan is to channel the generation of wealth towards quality of life and to promote human development from all the clusters and, specifically, from the sectoral commitments to Education, Talent and Human Capital and the Health Care Services.



ENVIRONMENTAL SUSTAINABILITY

To position Navarra amongst the 20 leading European regions in sustainability.

All the MODERNA clusters are constantly focussed on the sustainability of the economy and the conservation of the environment for the future generations in Navarra. Furthermore, efforts are concentrated on inherently eco-friendly sectors and activities (renewable energies, sustainable vehicles, agro-food industries, sustainable construction, environment and waste, and sustainable tourism).





How will the progress of MODERNA be measured?

CHALLENGES



CONCEPT

EDUCATION LEVEL OF EDUCATIONAL ACHIEVEMENT (PISA points)
LEVEL OF ENGLISH (young people aged 18 with B2 level)
LEVEL OF HIGHER EDUCATION (% university graduates)

TODAY

502
7%
36%

2030

550
90%
55%

INNOVATION



INVESTMENT IN R&D (% over GDP)
TOTAL PATENTS (applications/year)
REGIONAL INDEX FOR INNOVATION (Europe regions posit)

1,92%
172
76

4%
844
35

GLOBALISATION



EXPORTS (millions of euros)
EXPORTING COMPANIES (Nr)
INTERNATIONAL COMPANIES (Nr)

5.450
711
133

10.000
2.000
200

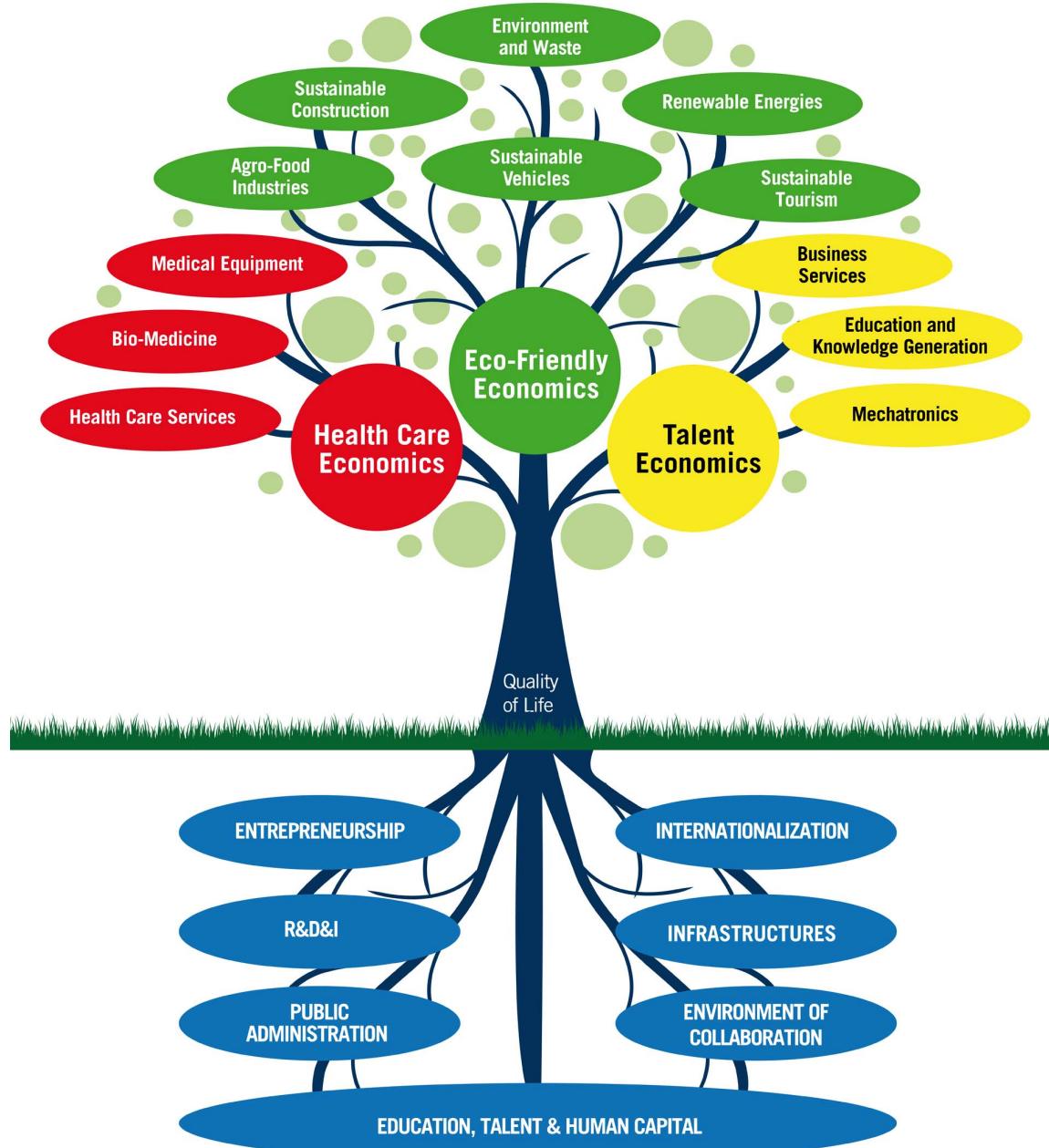
ECONOMY

EMPLOYMENT (people in work)
PRODUCTIVITY (euros per worker)
COMPANY SIZE (% companies > 50 workers)
NUMBER OF NEW COMPANIES (Nr/year)

284.000
61.000
1,30%
943

365.000
85.000
2,5%
1.600





Strategic Business Sectors

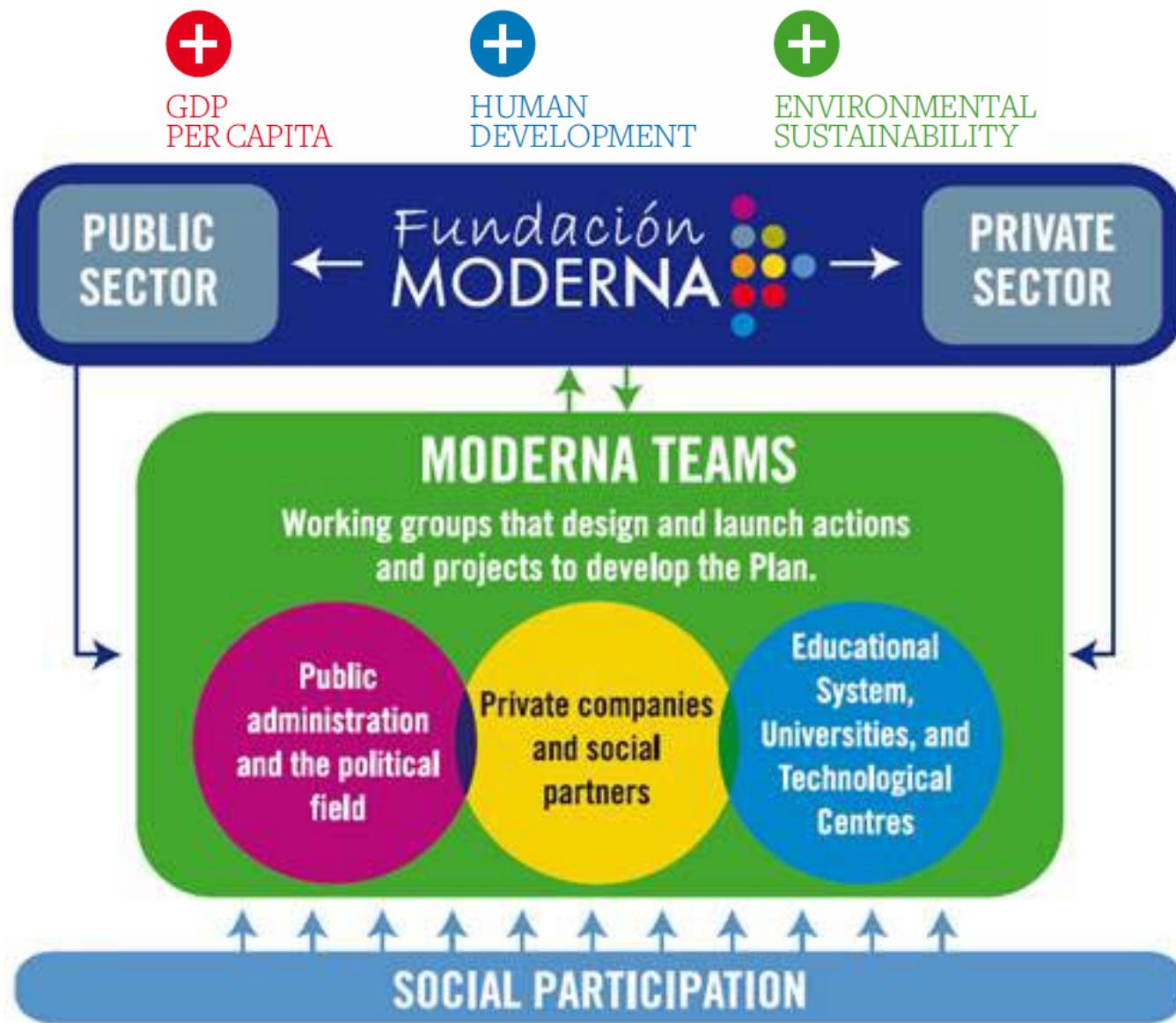
THE
NEW ECONOMIC MODEL OF
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TREE

Transversal factors of Competitiveness



Fundación MODERNA WORKING PROCESS





Governance: Organizational Structure – Fundación MODERNA

Constitution of the Foundation

PROMOTING INSTITUTIONS

Government of Navarra, main political parties, universities, Trade unions and employer's confederation

MODERNA FOUNDATION



Institutional and Strategic Sphere

President of the Government of Navarra

BOARD OF THE FOUNDATION

Advisory Committee

Public and Institutional Field (15 members)

Business and Professional Field (15 members, rotational character)

PERMANENT COMMITTEE



Management of the Foundation

GENERAL DIRECTOR

COORDINATION TEAM



MISIÓN DE LA FUNDACIÓN MODERNA

**We offer collaborative
solutions for the
sustainable economic
development of Navarra**





Successful funding model: Financial Support for Business

Entrepreneur
MODERNA grant: Managed by CEIN.

-2010: 30 Grants

-2011: 40 Grants

35 NEW COMPANIES

BEI-MODERNA credit line:

250 M€ from the European Investment Bank for the advantaged financing of "MODERNA Businesses"
192 approved projects

MODERNA Investors forum:

Managed by Chamber of Commerce. 5 forums:
197 analyzed projects;
28 projects presented to the Forum; 90 participants. 6 reached agreements.

Total financing amount: 1.4M€

MODERNA co-investment found:

Mechanisms of co-investment involving public and private investors. Objective: attraction of external funding.

MODERNA bank guarantee for business financing:

Public complement for funding projects (30% - 60%)





A plan in motion

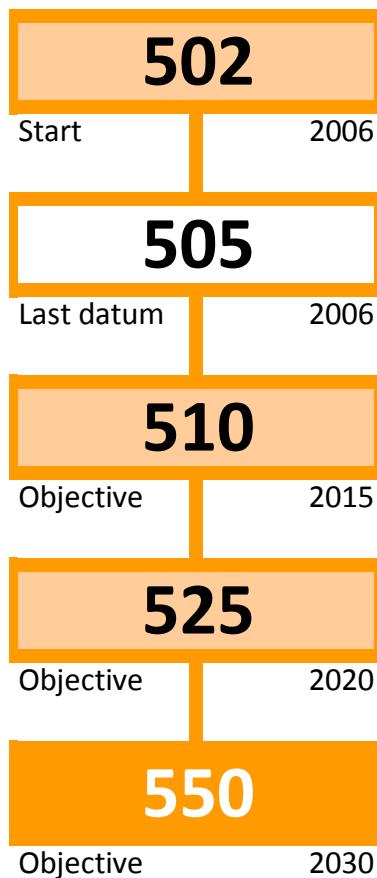
AREA	INDICATOR	STARTING POINT	CURRENT 27/11/2012	OBJECTIVE 2015	OBJECTIVE 2020	OBJECTIVE 2030
EDUCATION	PISA points Source: PISA	502 Year 2006	505 Year 2009	510	525	550
	% Population aged 18 with a B2 level of English Source: Estimate	7% Year 2010	7% Year 2010	30%	50%	90%
	% of Honours Graduates and Pre-university Source: Ministry of Education and Government of Navarre (<2009) / Eurostat (>2009)	36,0% Year 2007	39,7% Year Year	40%	45%	55%
INNOVATION	% Investment in R+D+I Source: INE	1,92% Year 2008	2,05% Year 2011	2,20%	3,00%	4,00%
	Total No. of Patents Source: OEPM	172 Year 2008	176 Year 2011	285	410	844
	Innovation Index and position in Europe Source: Eurostat	0,48 y 76 Year 2006	0,529 y 53 Year 2011	0,51 y 60	0,60 y 50	0,70 y 35
INTERNATIONALIZATION	Exports (M€) Source: IEN	5.450 Year 2009	6.827 Sep'11-Aug'12	6.500	8.000	10.000
	No.of exporting companies Source: ICEX - Estacom	711 Year 2009	801 Sep'11-Aug'12	1.000	1.300	2.000
	No. of multinational companies Source: Navarre Chamber of Commerce / Sodena	133 Year 2010	133 Year 2010	150	175	200
EMPLOYMENT AND COMPANY	No. employees Source: IEN - EPA	284.000 Year 2009	262.700 EPA 3rd T 2012	298.000	331.000	365.000
	Production per worker (€) Source: IEN	61.000 Year 2009	67.867 Year 2011	68.000	73.000	85.000
	% of companies over 50 workers Source: INE	1,30% Year 2009	1,21% Year 2011	1,60%	2,00%	2,50%
	Nº of new companies/Year Source: IEN	943 Year 2009	950 Oct'11-Sep'12	1.100	1.250	1.600
PROSPERITY AND SOCIAL COHESION	Position in GDP/Capita Source: Eurostat	32 Year 2007	37 Year 2009	30	25	20
	GDP per Capita in Purchasing Power Parity (PPP) Source: IEN	30.614 Year 2007	32.900 Year 2009	34.000	37.000	43.000
	Distribution of wealth Source: IEN	28 Year 2007	28 Year 2007	27	26	23
	Quality of life (HDI) Source: IEN, PNUD & INE	0,9720 Year 2007	0,9720 Year 2007	0,9725	0,9790	0,9870
	Enviromental sustainability Source: Energetic Balance of Navarre (G.N.)	2.132 Year 2008	2.029 Year 2010	1.900	1.650	1.450



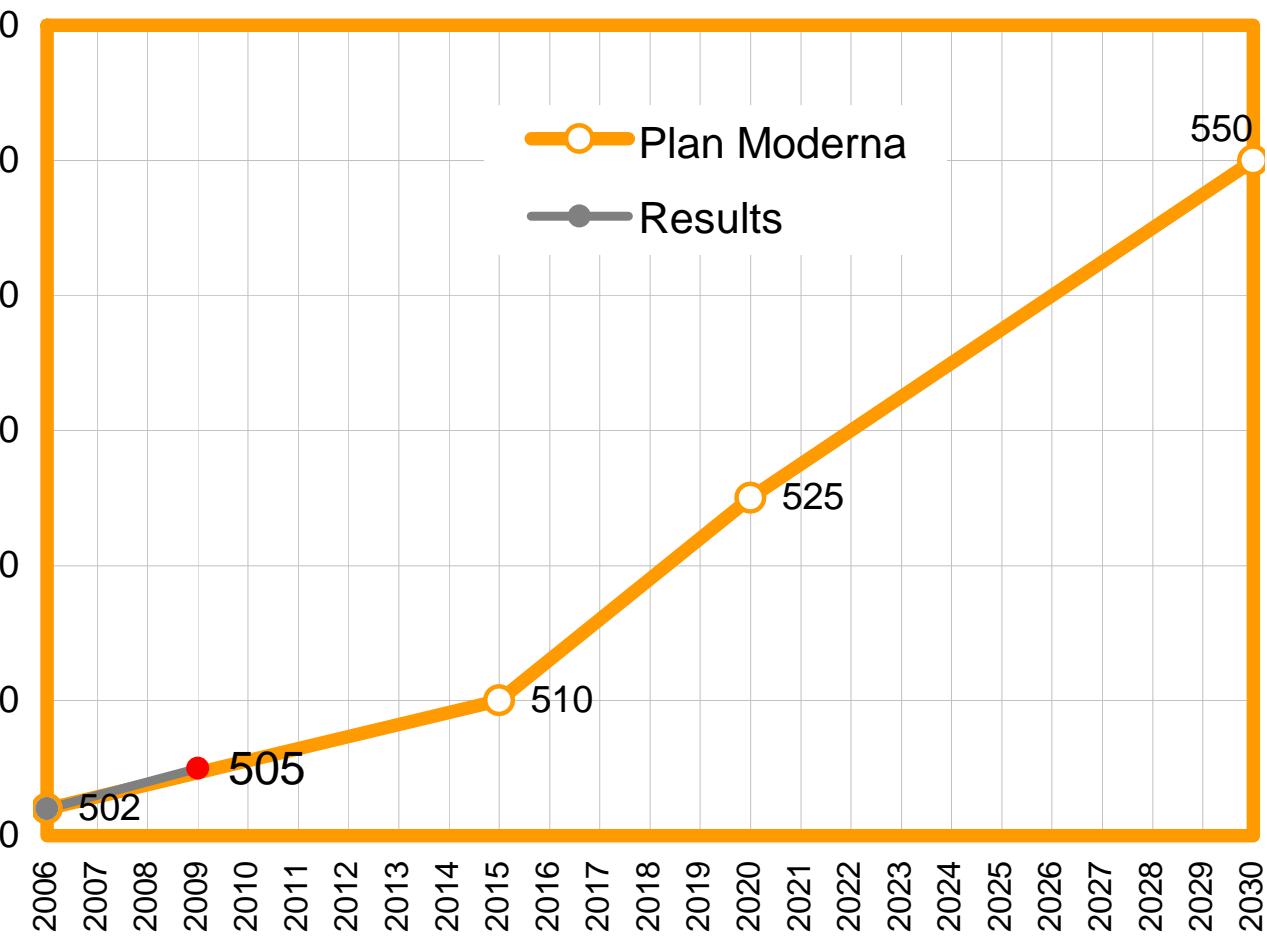
INDICADORES

STUDENT ASSESSMENT

PISA points



Source: PISA - OECD



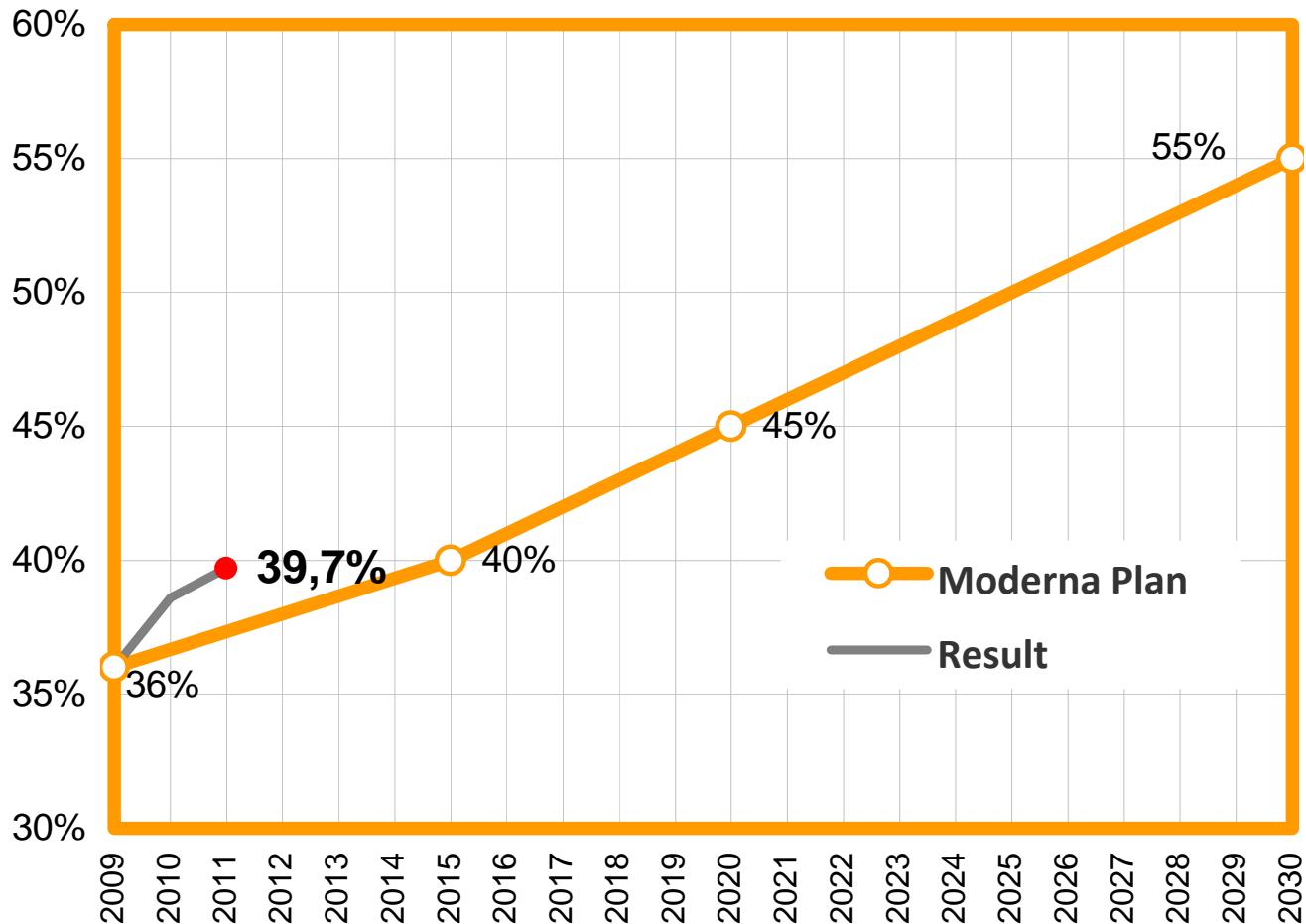
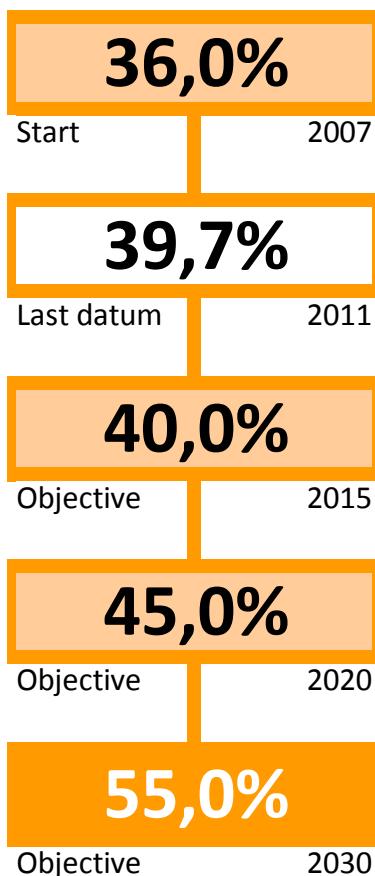


INDICADORES

LEVEL OF HIGHER EDUCATION

% college graduates and higher education between

Source: Education Ministry



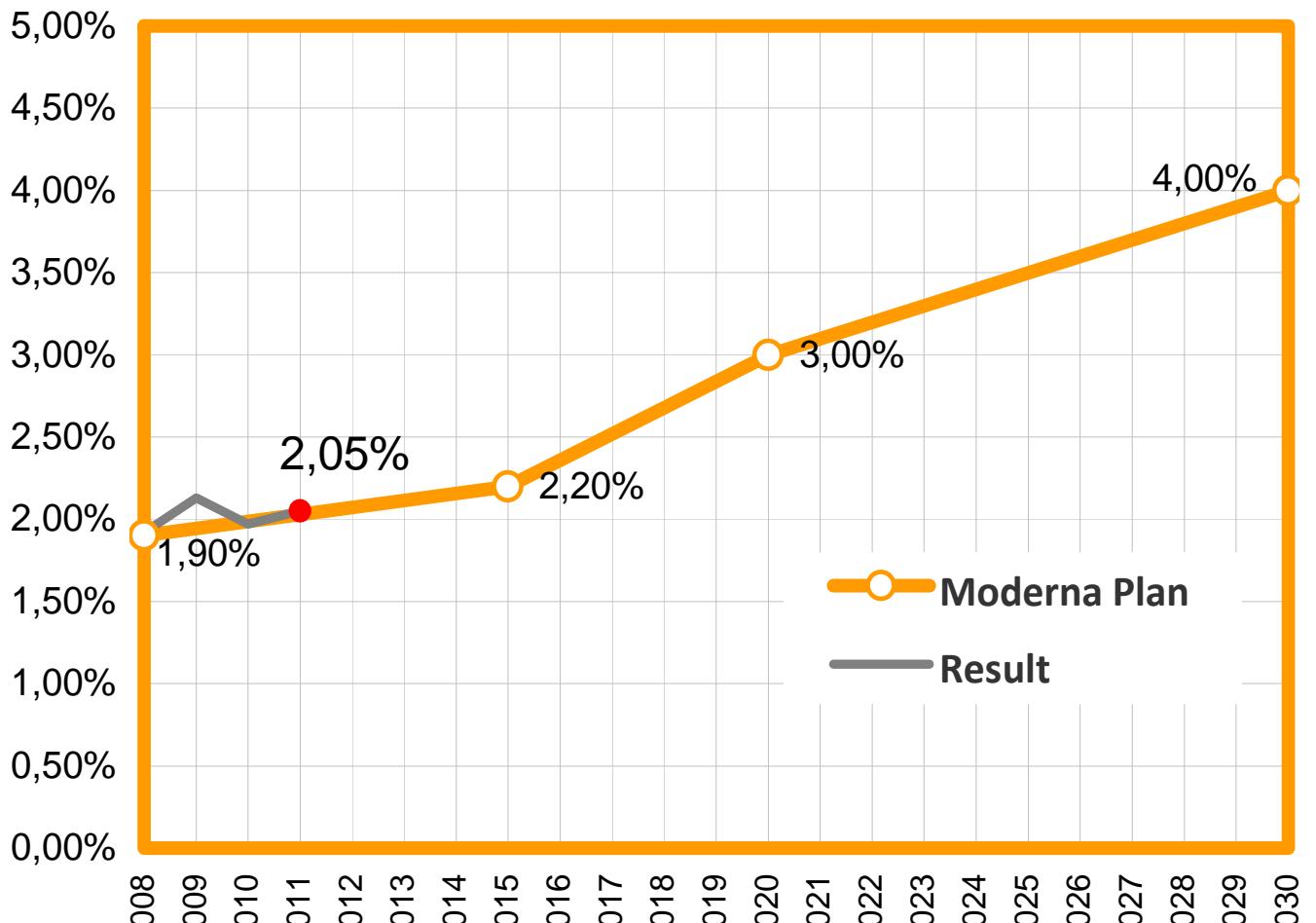
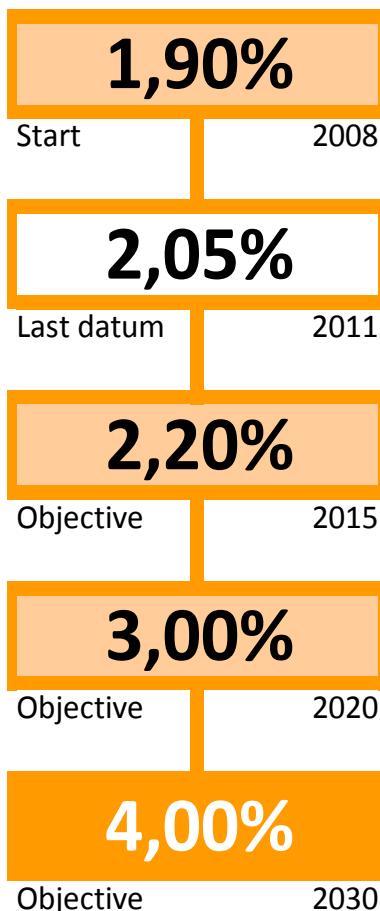


INDICADORES

INVESTMENT IN R+D

% of regional GDP

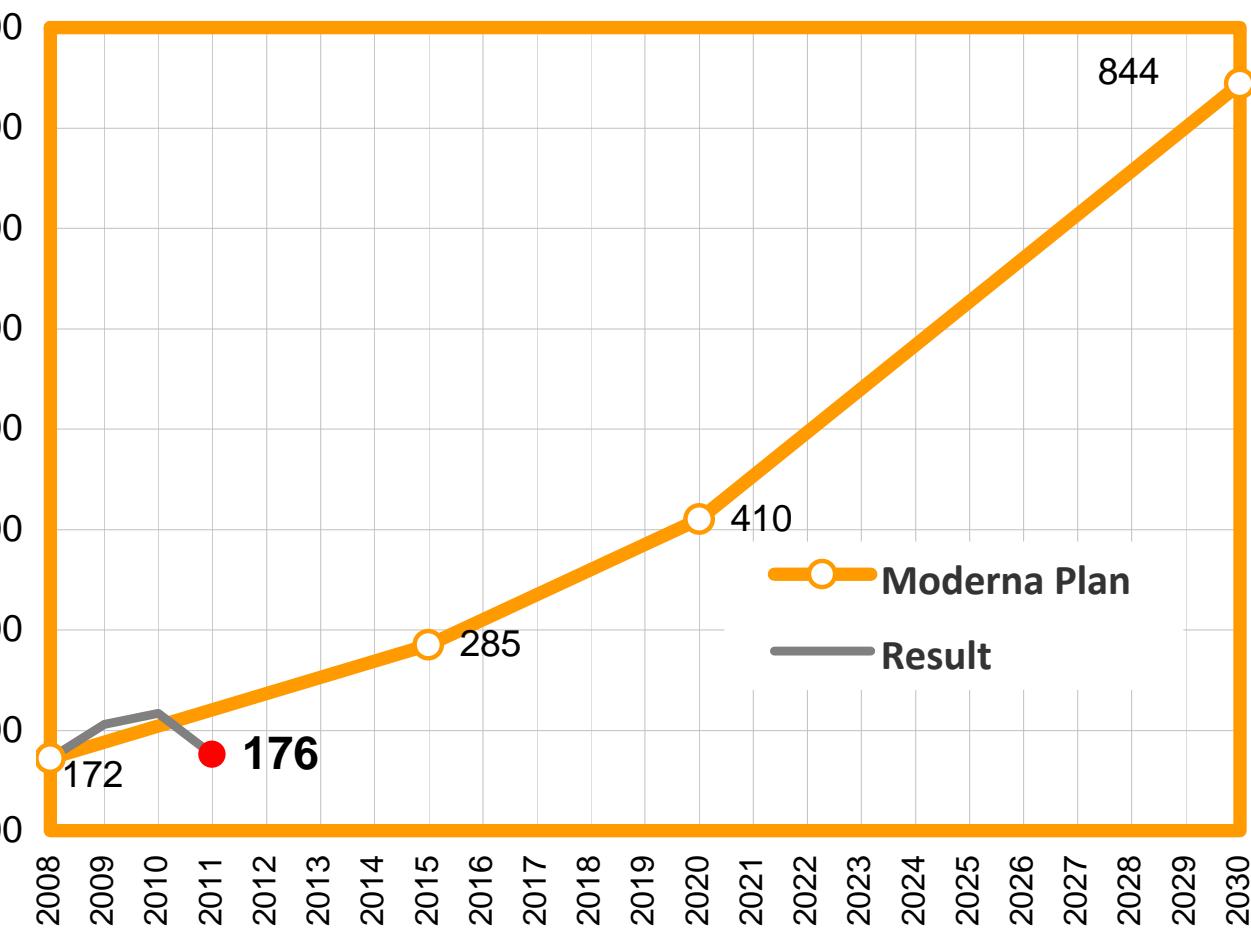
Source: INE



TOTAL PATENTS

No. applications / year

Source: OEPM



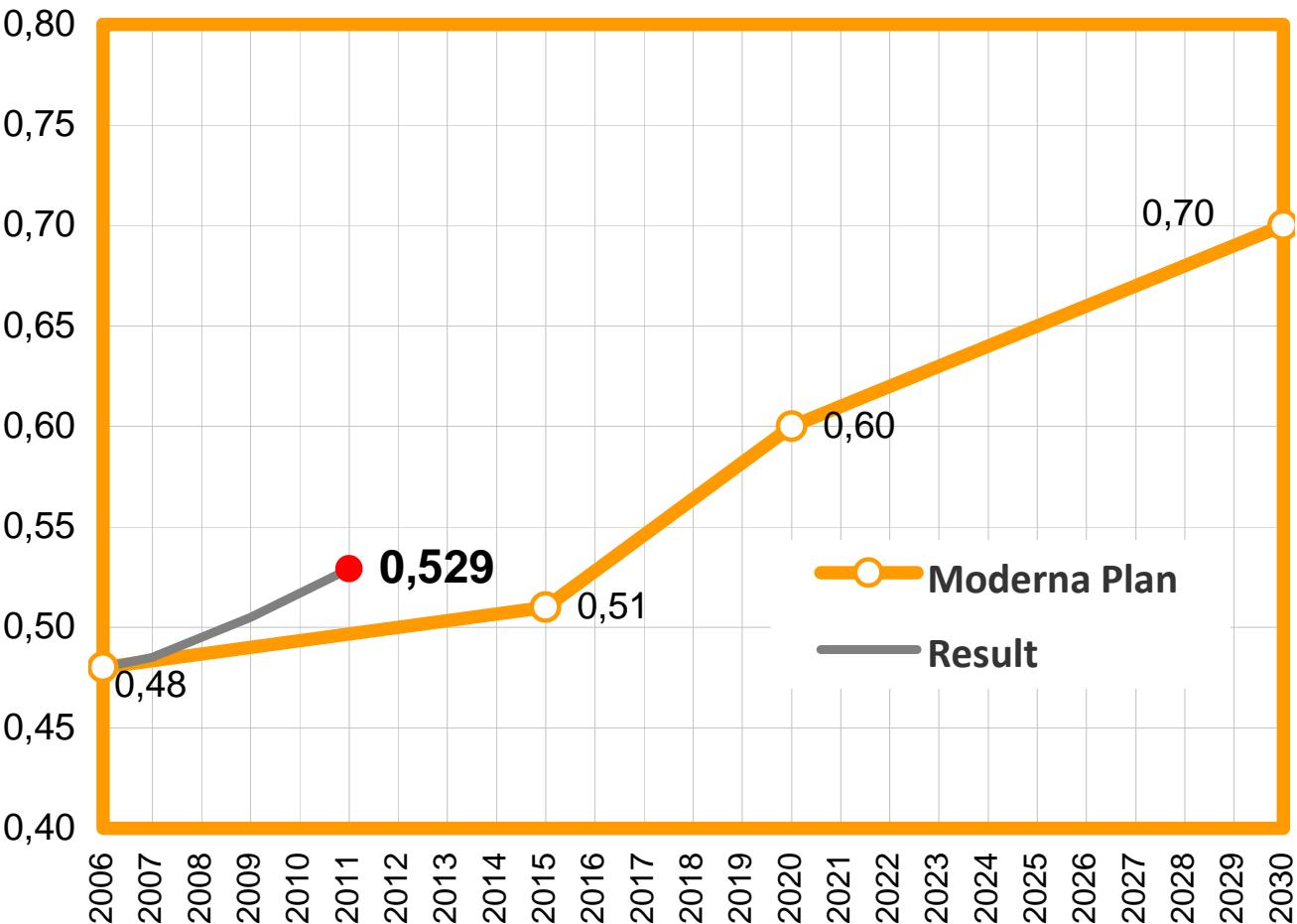


INDICADORES

REGIONAL INNOVATION INDEX (1/2)

Value of Regional Innovation Index

Source: Eurostat



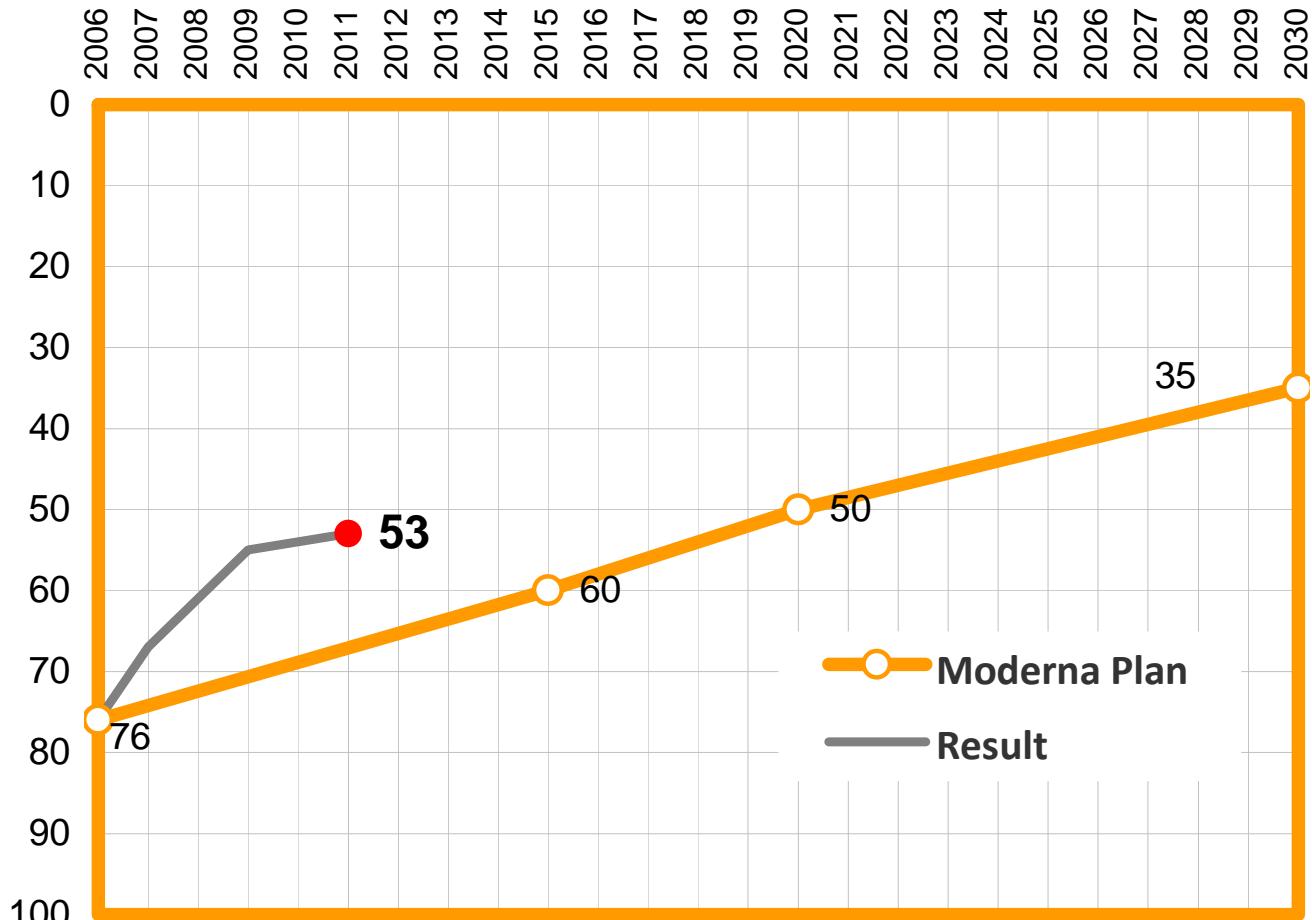
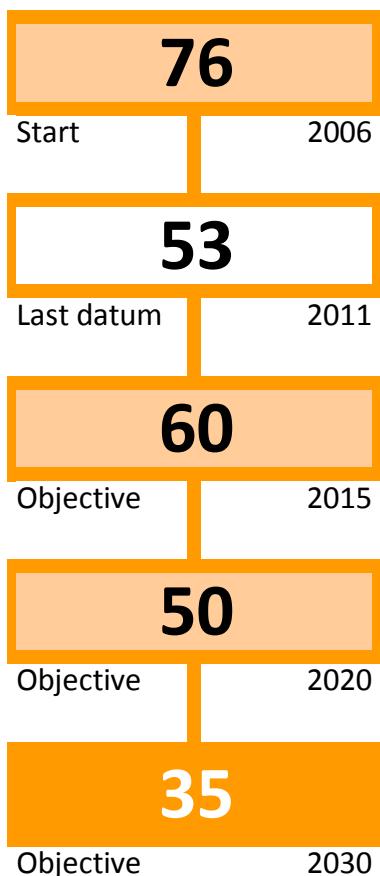


INDICADORES

REGIONAL INNOVATION INDEX (2/2)

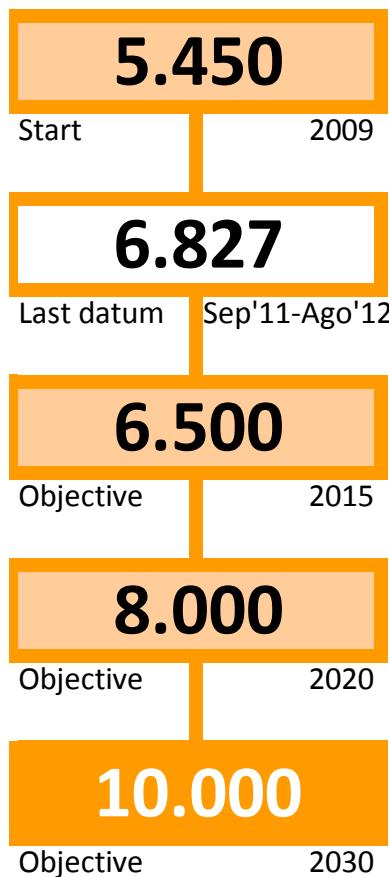
Position among European regions

Source: Eurostat

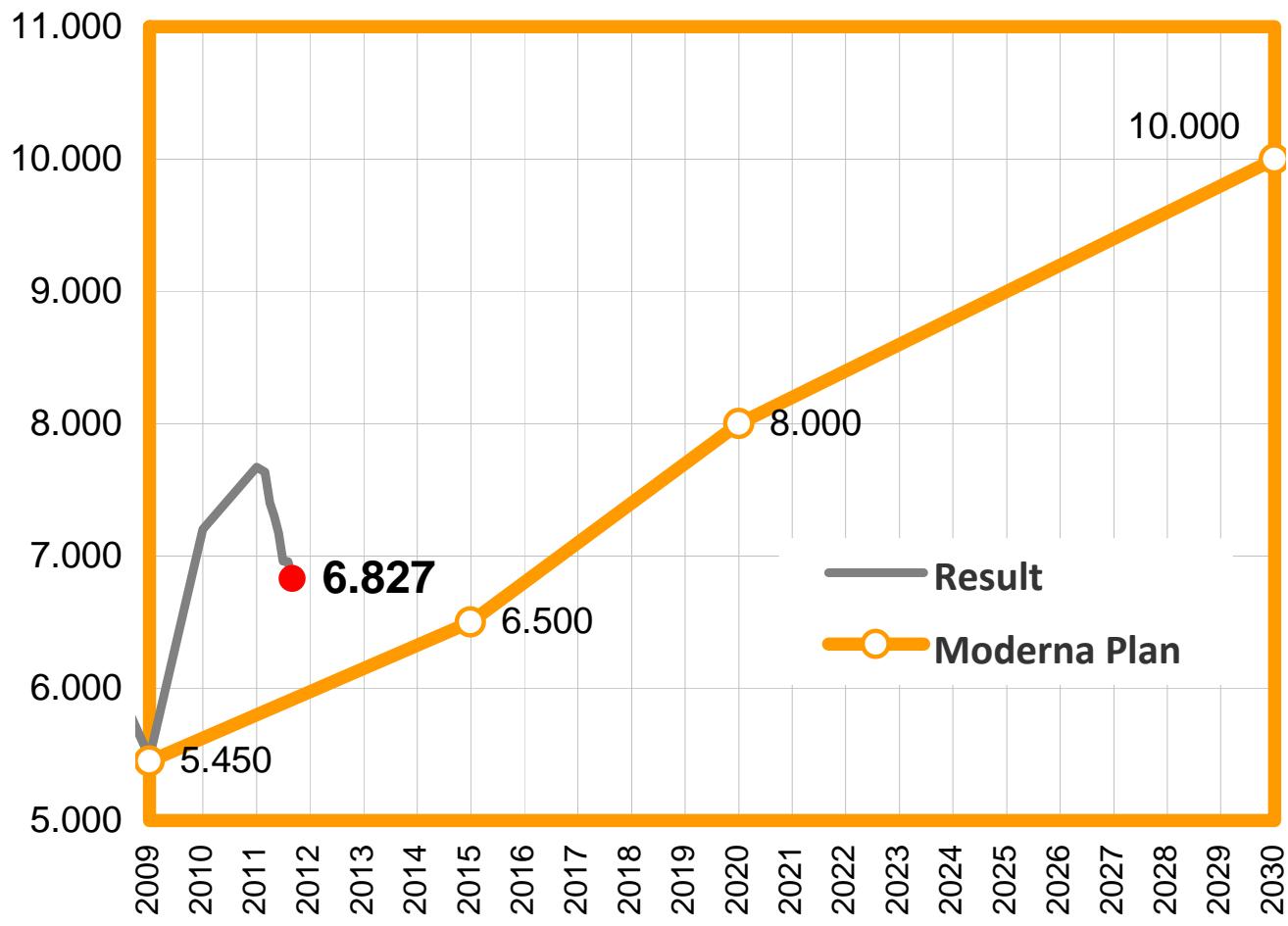


EXPORTS

ME (constants to 2009)



Source: IEN



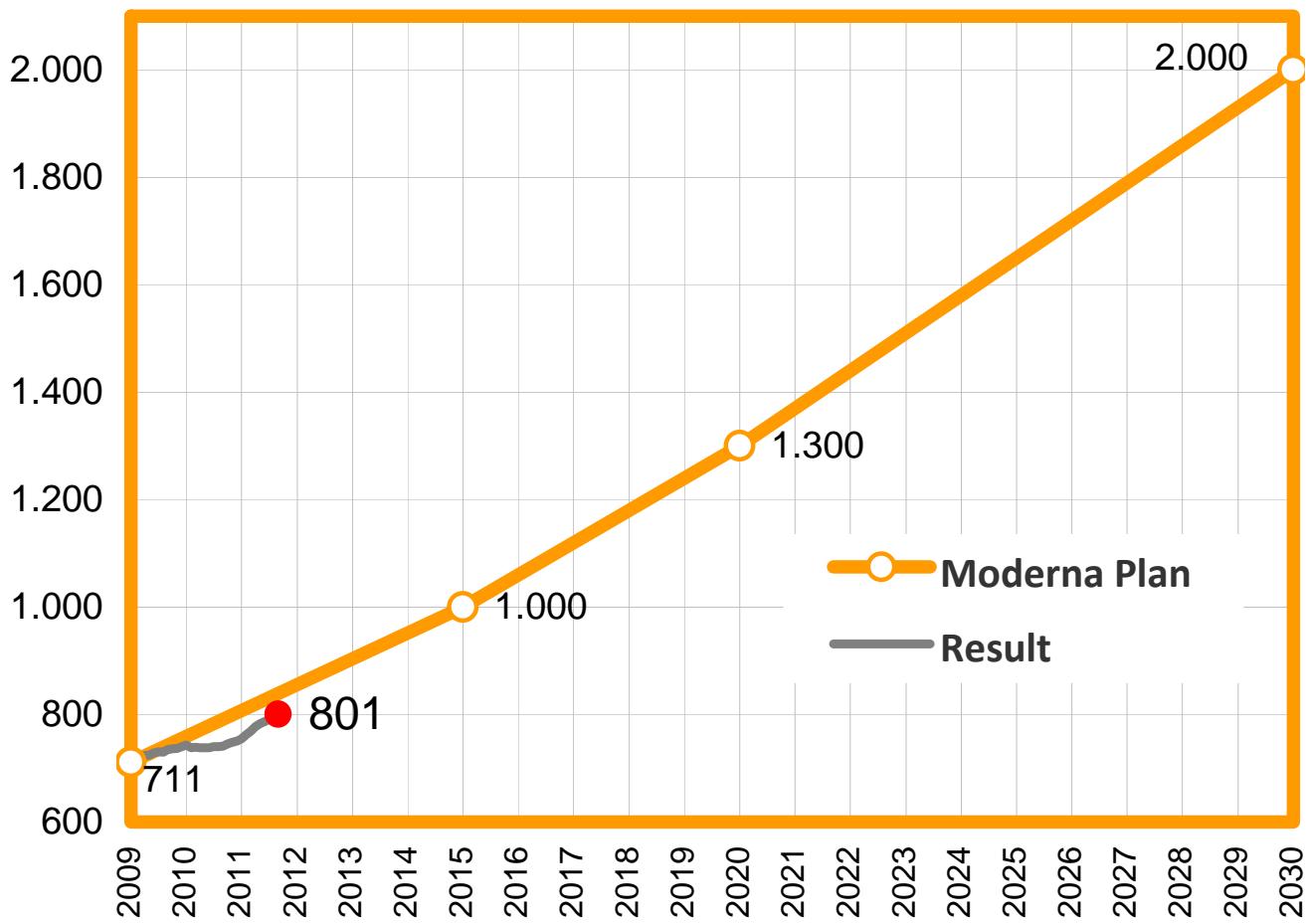


INDICADORES

EXPORTING COMPANIES

No. exporting companies in Navarra

Source: Chamber of Commerce





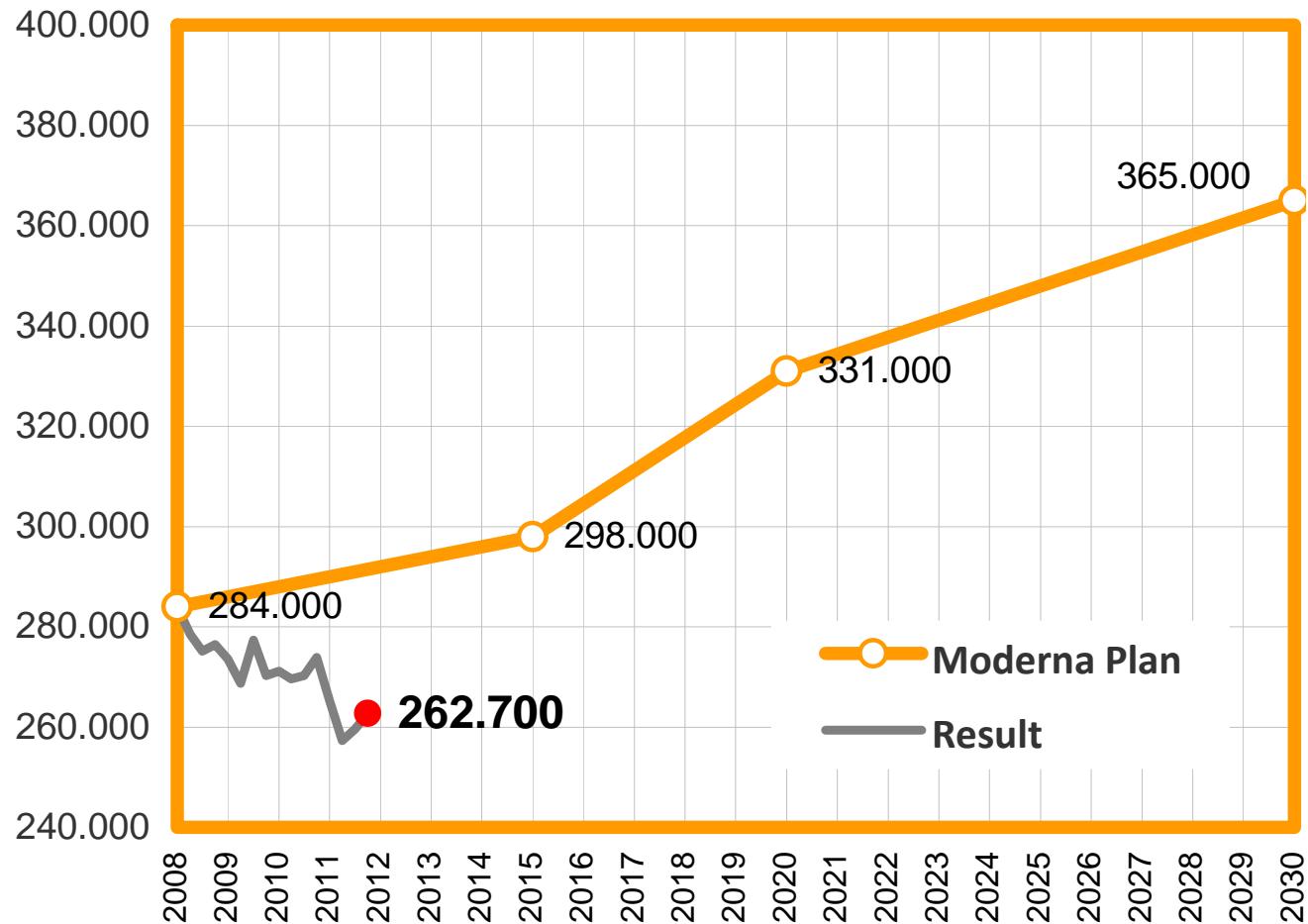
INDICADORES

EMPLOYMENT

No. workers (EPA)



Source: IEN - EPA



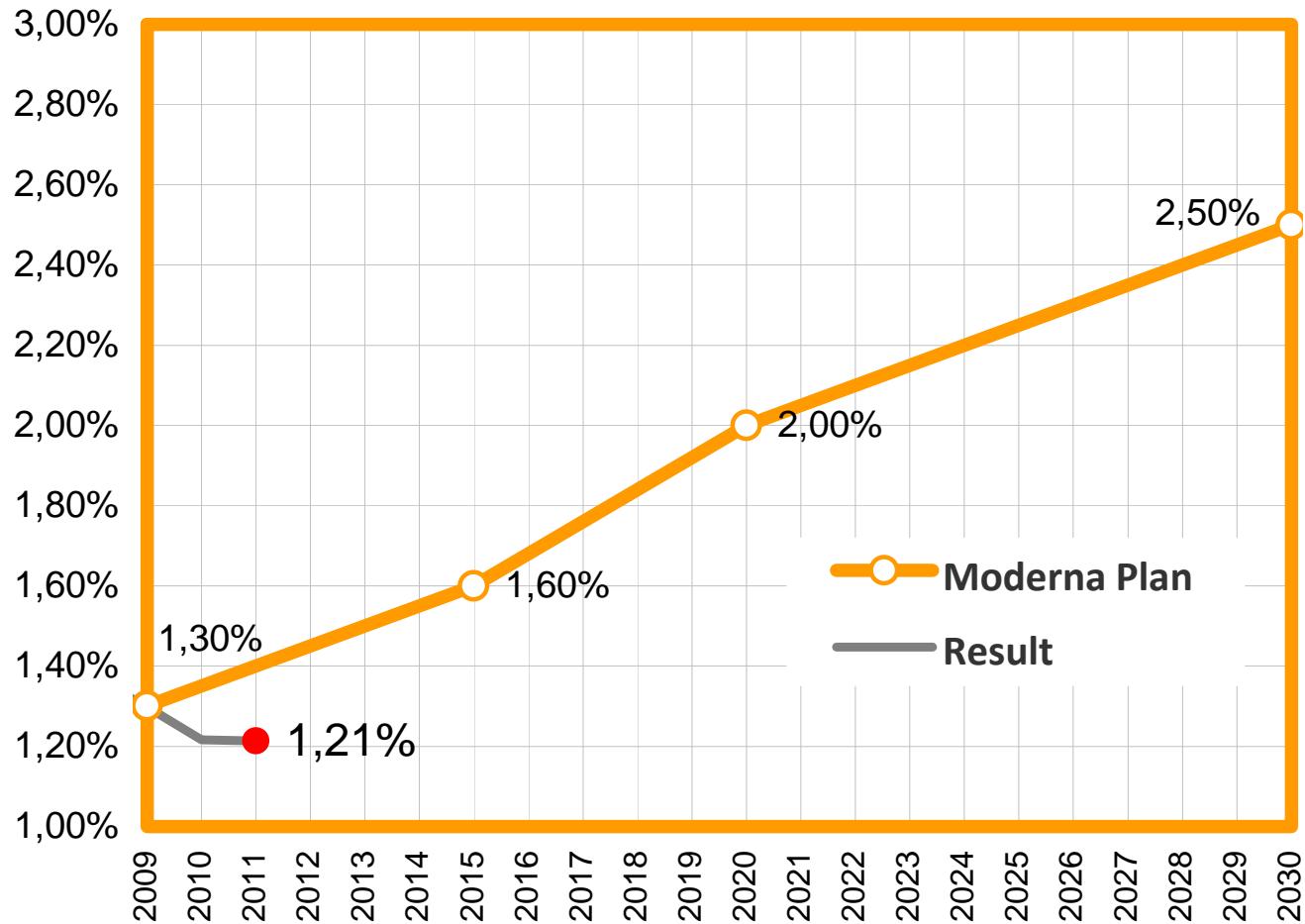


INDICADORES

BUSINESS SIZE

% Companies over 50 employees

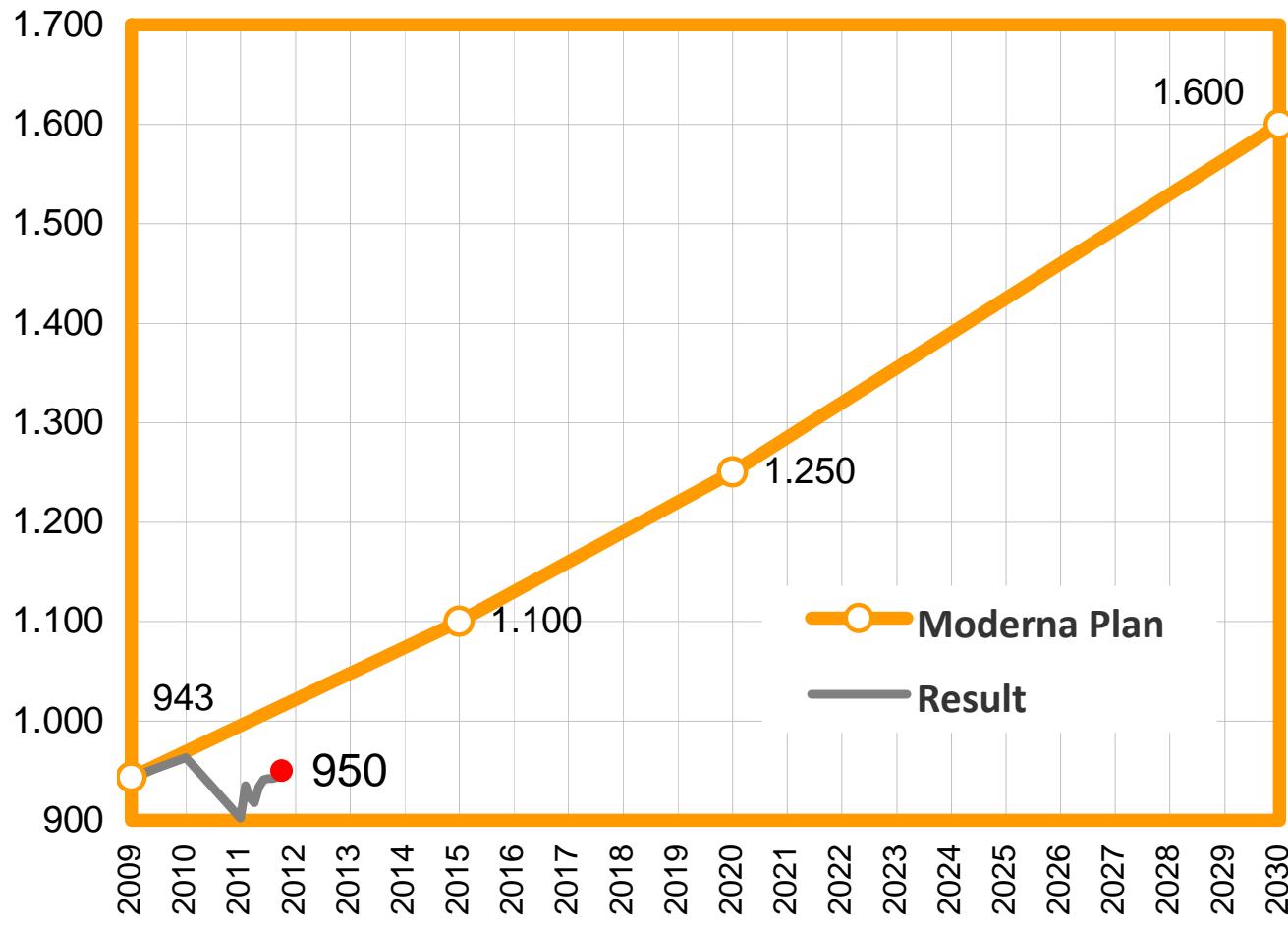
Source: INE



NEW COMPANIES

No. of new companies per year

Source: IEN





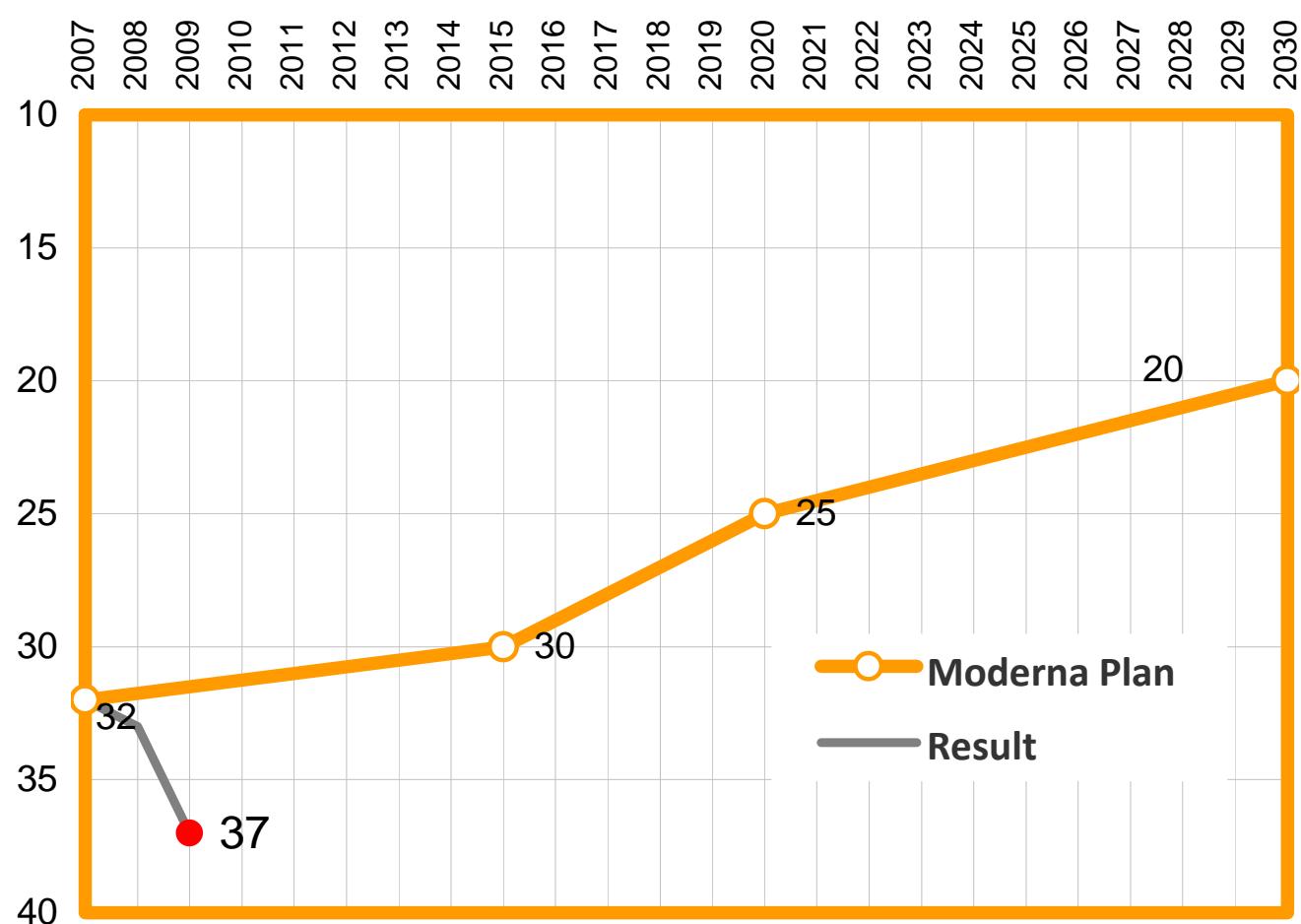
INDICADORES

POSITION IN GDP / CAPITA

Among European regions



Source: Eurostat



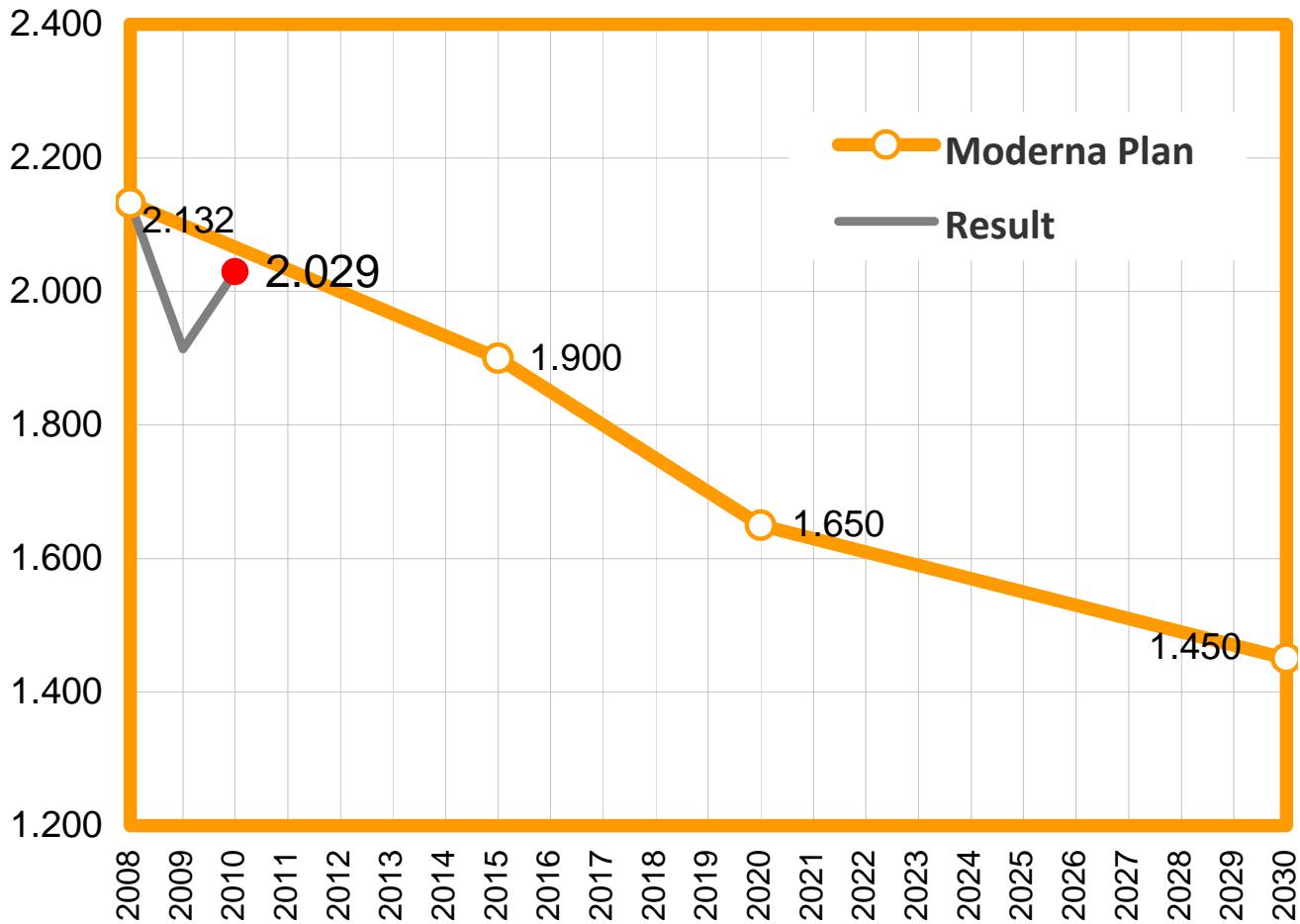


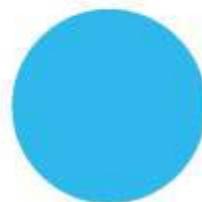
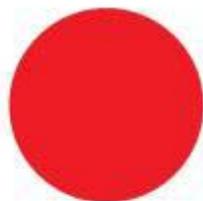
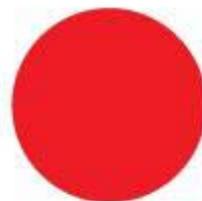
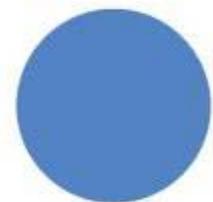
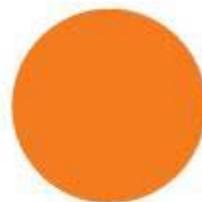
INDICADORES

ENVIRONMENTAL SUSTAINABILITY

Final energetic consumption (thousand TPE)

Source: GN -Energetic Balance





Thanks for your attention

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www.modernanavarra.com

info@modernanavarra.com