

FUNDACIÓN **equipo humano**

european projects |



Co-funded by the
Erasmus+ Programme
of the European Union

· PRESENTATION

Developing innovative ideas
that have a direct impact on
society

Improving the employability and
training of people

A Foundation dedicated to people

www.fundacionequipo humano.es

▪ **VALUES**

8 years of experience working with companies and organizations from different size and sector, applying new methods in project management.



• EU TEAM



Alfonso Cadenas
EU Project Manager



Laurie Barriol
EU Project Manager



Clara Borja
Communication Officer



Jose Enrique Val
EU Project Officer



Grigor Haroutiounian
Project Technician



Beatriz Blanco
Graphic Designer

Our working areas



Placement Agency

Our mission as a Placement Agency is to provide complementary services to the regional employment services.



Repositions

It's a service of employment support to those workers who want a change in their career



European Projects

Iwe actually identify funding opportunities generated by various European institutions.



Social Action

Sustainable development of individuals and peoples, against poverty, taking culture as the source and basis for social change.

In the fields of education (Erasmus+), employment (PROGRESS/EaSI), entrepreneurship (Erasmus+, COSME), environment (Erasmus+, LIFE)



Erasmus Jóvenes
Emprendedores



green in motion



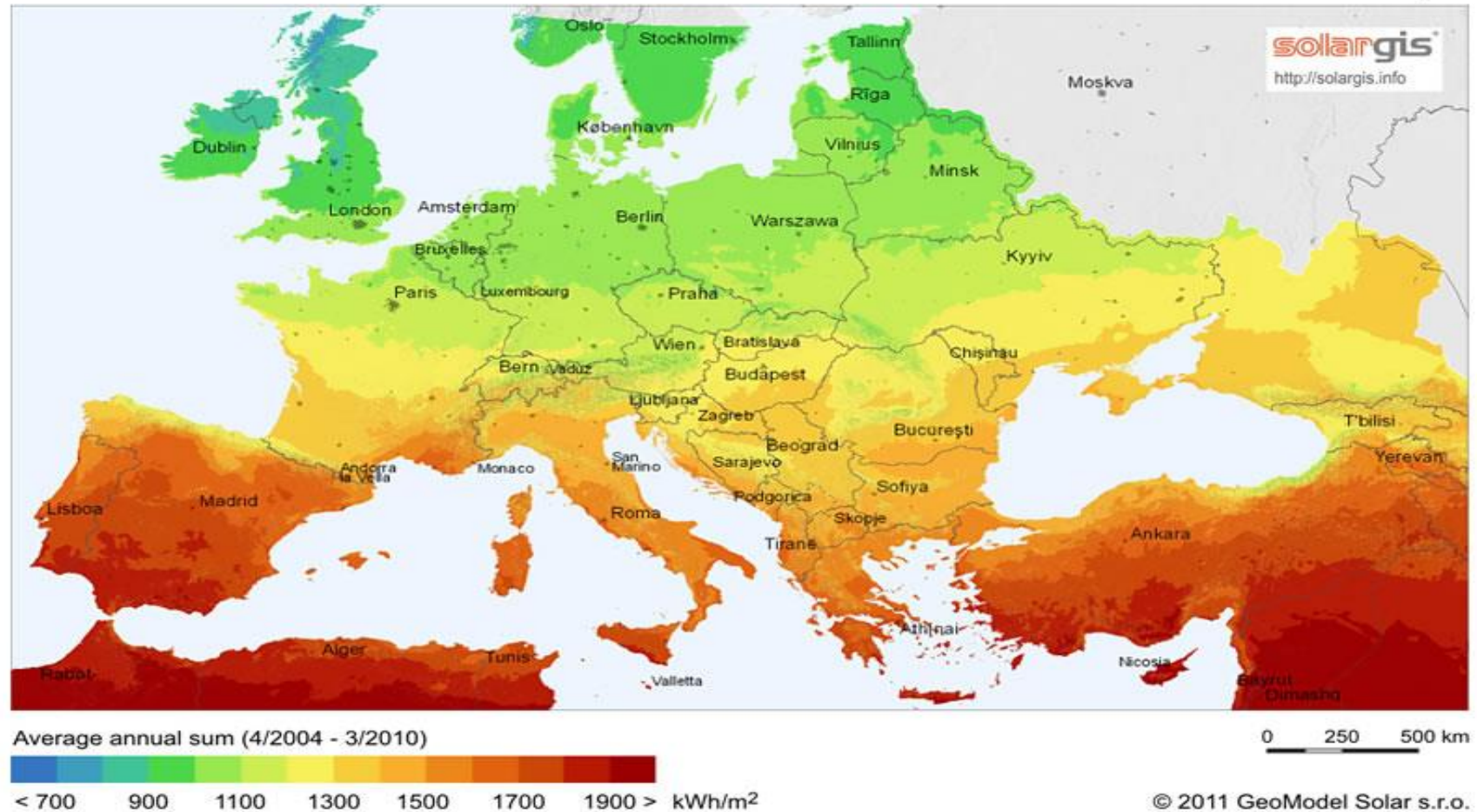
Photovoltaic Market in Spain

Photovoltaic Market in Spain

A huge potential

Global horizontal irradiation

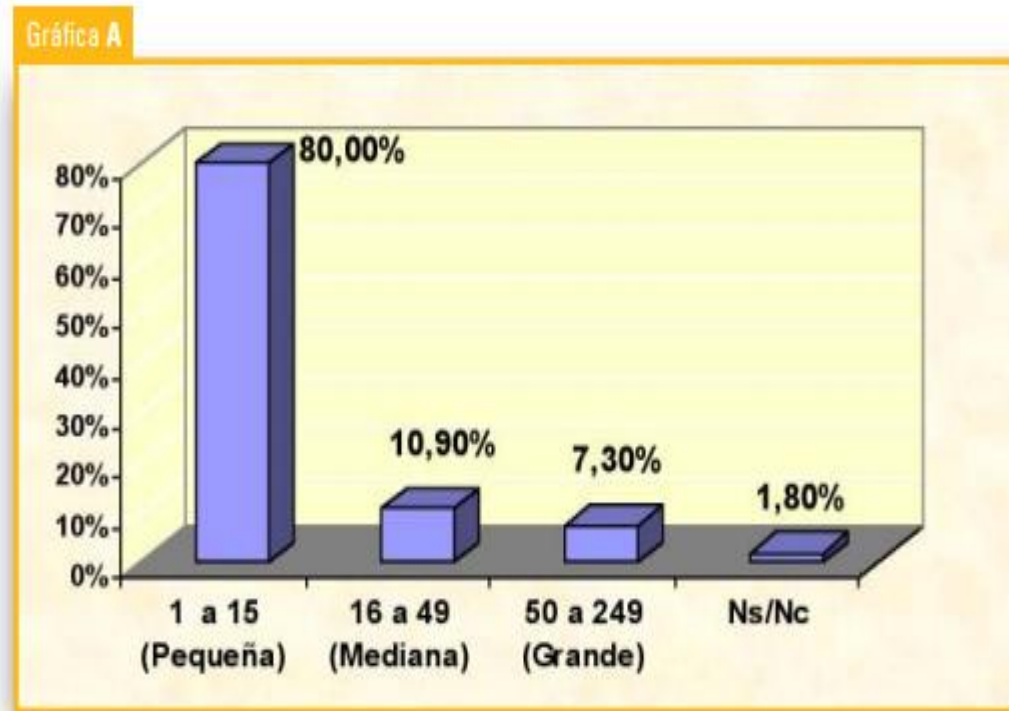
Europe



Photovoltaic Market in Spain

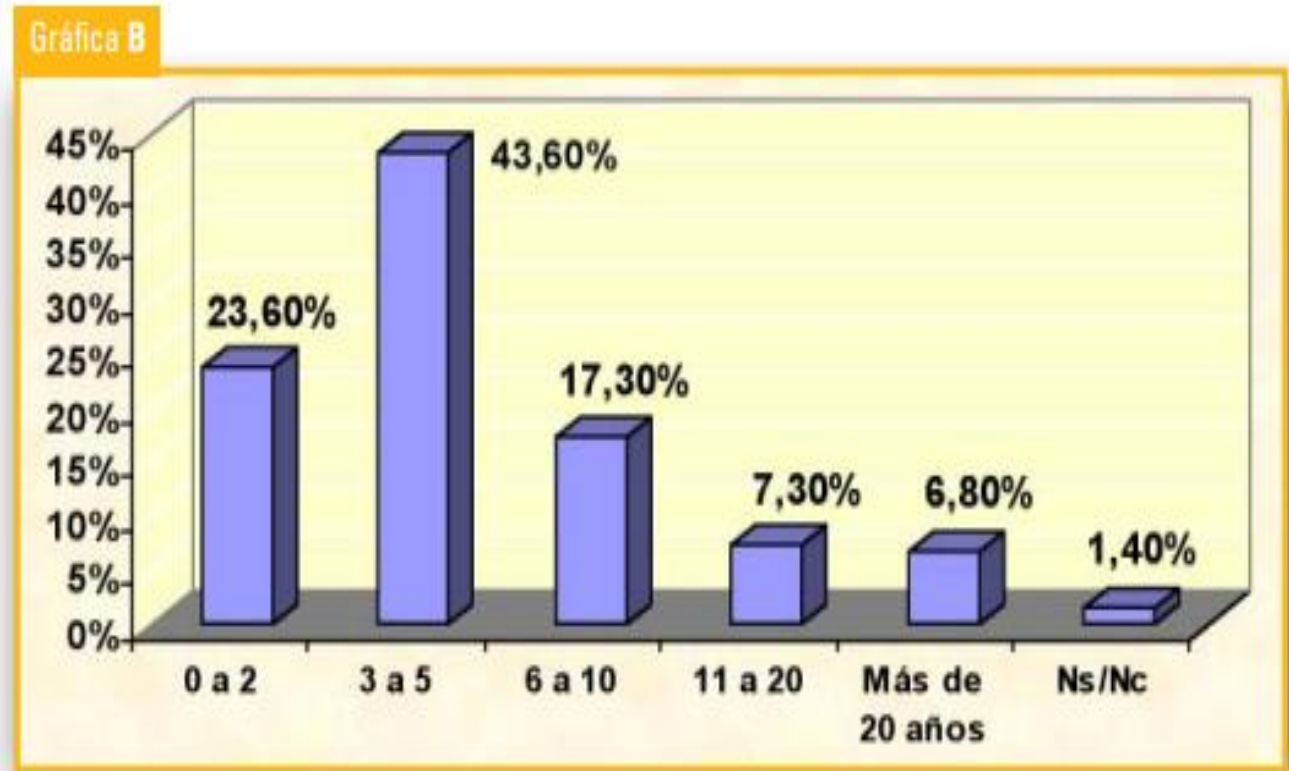
Companies size:

Source: ANÁLISIS GLOBAL
DE LAS EMPRESAS DEL
SECTOR FOTOVOLTAICO.
HAMALGAMA



Photovoltaic Market in Spain

Companies age:



Photovoltaic Market in Spain

Development perspectives perceived:



Photovoltaic Market in Spain

4. PARA MEJORAR SU COMPETITIVIDAD,
¿CUÁLES DE LAS SIGUIENTES FÓRMULAS CONSIDERARÍA INTERESANTES? VALORACIÓN DEL 0 AL 5

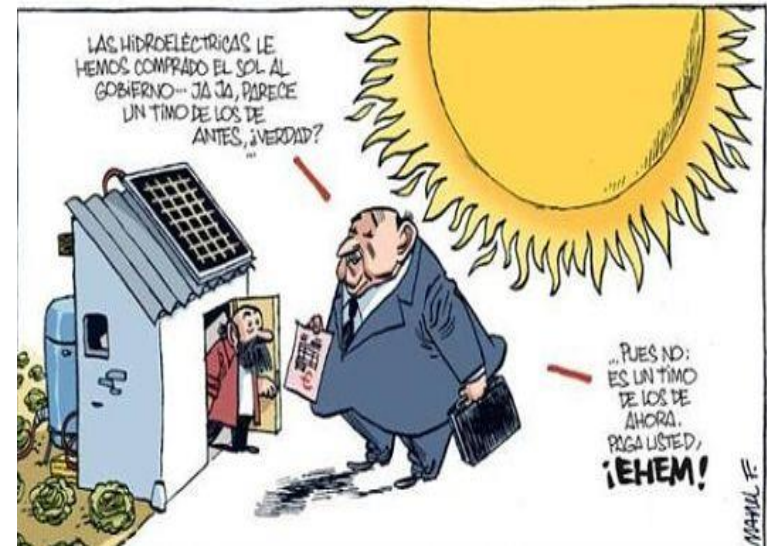
Tabla 9

FÓRMULAS	PUNTUACIONES						
	0	1	2	3	4	5	MEDIA
MEJORES ACUERDOS CON PROVEEDORES Y ENTIDADES FINANCIERAS	0,5%	2,7%	3,2%	11,8%	30,9%	50,9%	4,23
INVERTIR EN ACCIONES FORMATIVAS DEL PERSONAL	3,2%	7,3%	17,3%	38,6%	20,9%	12,7%	3,05
CONTRATACIÓN DE MÁS PERSONAL CUALIFICADO	4,1%	9,1%	21,8%	35,0%	20,0%	10,0%	2,88
MAYOR INVERSIÓN EN PUBLICIDAD Y DISEÑO DE IMAGEN	9,1%	10,9%	20,5%	33,2%	15,5%	10,9%	2,68
MAYOR PARTICIPACIÓN EN FERIAS Y CONGRESOS	7,7%	9,1%	27,7%	32,7%	17,3%	5,5%	2,59

Photovoltaic Market in Spain



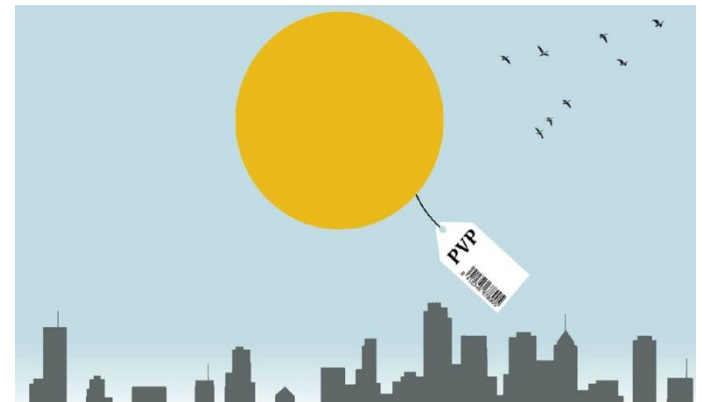
IBern



Photovoltaic Market in Spain

What is the sun-tax really about?

- ✓ Costs of distribution and maintenance of the electricity network in Spain
- ✓ Those using solar panels had to pay extra taxes.
- ✓ Paid for every kWh produced by the own installation



Photovoltaic Market in Spain: changes

Forbes

Billionaires

Innovation

Leadership

ENERSELVES
Interreg Europe



Renewable Energy In Spain: From The 'Sun Tax' To The Promotion Of Collective Self-Consumption



Ana Garcia Valdivia Contributor

I write about the Spanish economic policy in the framework of EU



Spain removes controversial sun tax

October 9, 2018 | News



REUTERS

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WORLD NEWS OCTOBER 5, 2018 / 4:15 PM / 8 MONTHS AGO

Spain scraps 'sun tax' in measures to cool electricity prices

Isla Binnie, Jose Elías Rodríguez

3 MIN READ

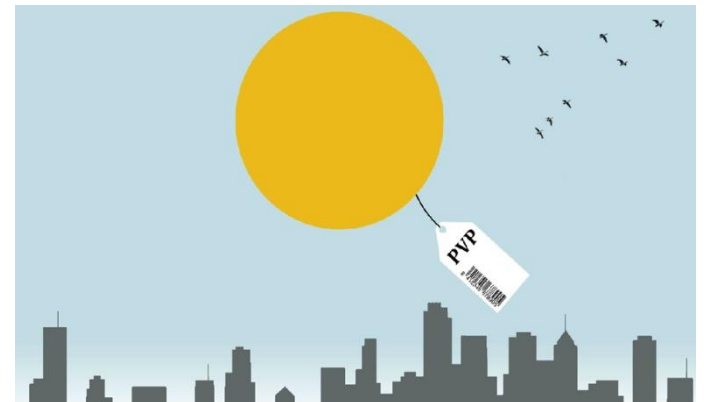


MADRID (Reuters) - Spain took measures on Friday aimed at reducing electricity bills which are among the highest in Europe and are often criticized for reducing business competitiveness and consumer's purchasing power.

Photovoltaic Market in Spain

What does the changes mean?

- ✓ Authorization of the collective self-consumption.
- ✓ Several consumers can be associated to the same installation of solar panels.
- ✓ Simplification of administrative procedures.



Results from PV-Trainer



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Main outcomes of PV Trainer

In-depth diagnosis of qualifications requirements for a PV trainer

- ✓ Spain complies with the European Directive 2009/28/EC
- ✓ INCUAL (Spanish National Institute of Qualifications), public agency dependent on the State Ministry of Education, Culture and Sports
- ✓ (26 professional families have been defined and 5 levels of qualification)
- ✓ The Spanish Qualification Framework (2004) differing from the 8 European Qualification Framework levels (2008)



Main outcomes of PV Trainer

Quality assessment reports on the verification of the professional competence standard for PV Trainer

“Need to acknowledge about the electricity market and electricity rates because of the self-consumption feature in the market.

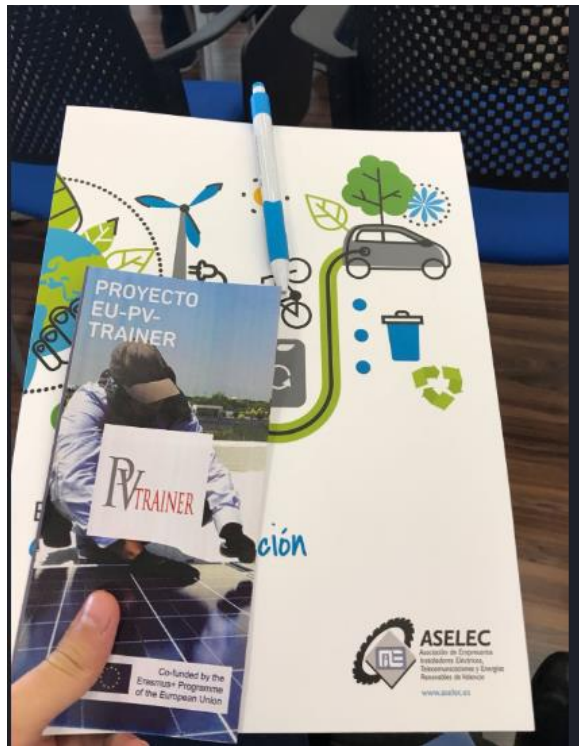
The energy has different prices depending on the periods schedules, so the professional who is going to make a photovoltaic installation will need that knowledge to be able to give to his client the amortization times of an installation.

Two points are important to acknowledge: Knowledge of the electricity market and tariff periods and since many of the students will be in the future small entrepreneurs or self-employed, they must be equipped with a minimum knowledge of commercial management to offer its services.”



Main outcomes of PV Trainer

Awareness in the importance of the training of trainer in PV systems, especially in a changing system like the Spanish one



Main outcomes of PV Trainer

Awareness in the importance of the training of trainer in PV systems, especially in a changing system like the Spanish one

Entities that have been contacted and informed about PV Trainer:

- ☐ CENTRE PRIVAT FP XABEC: **Electronic and thermic installations**
- ☐ CIPFP COMPLEJO EDUCATIVO DE CHESTE: **education and environmental control**
- ☐ IES BEATRIU FAJARDO DE MENDOZA: **energetic efficiency and solar thermic energy**
- ☐ IES GRAN VIA: **Renewable energies.**
- ☐ CIPFP CANASTELL: **maintenance of thermic and fluids installations**



PV Trainer in EU 2020 Strategy



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PV Trainer in EU 2020 Strategy

Europe 2020 strategy concept

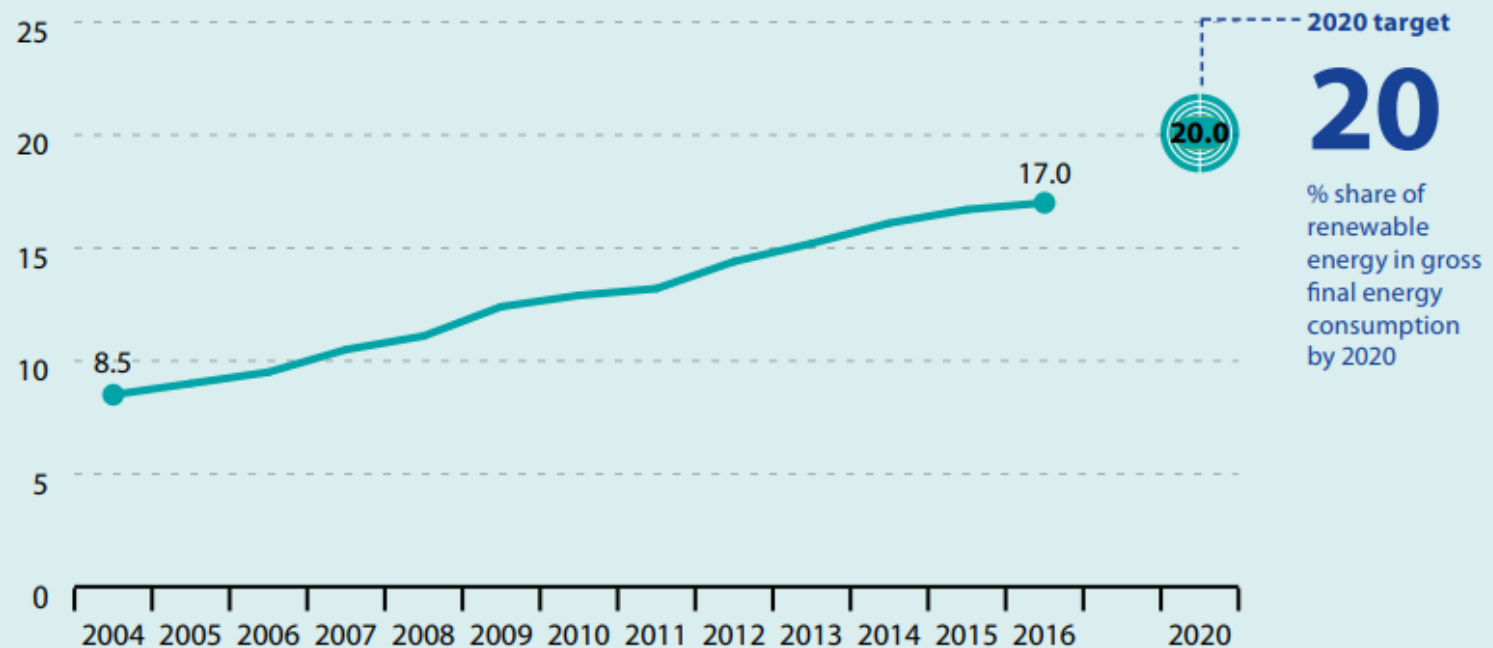
“The Europe 2020 strategy is the EU's agenda for growth and jobs for the current decade. It emphasizes smart, sustainable and inclusive growth as a way to overcome the structural weaknesses in Europe's economy, improve its competitiveness and productivity and underpin a sustainable social market economy.”



PV Trainer in EU 2020 Strategy

Europe 2020 headline indicator

Figure 3.10: Share of renewable energy in gross final energy consumption, EU-28, 2004–2016 (%)

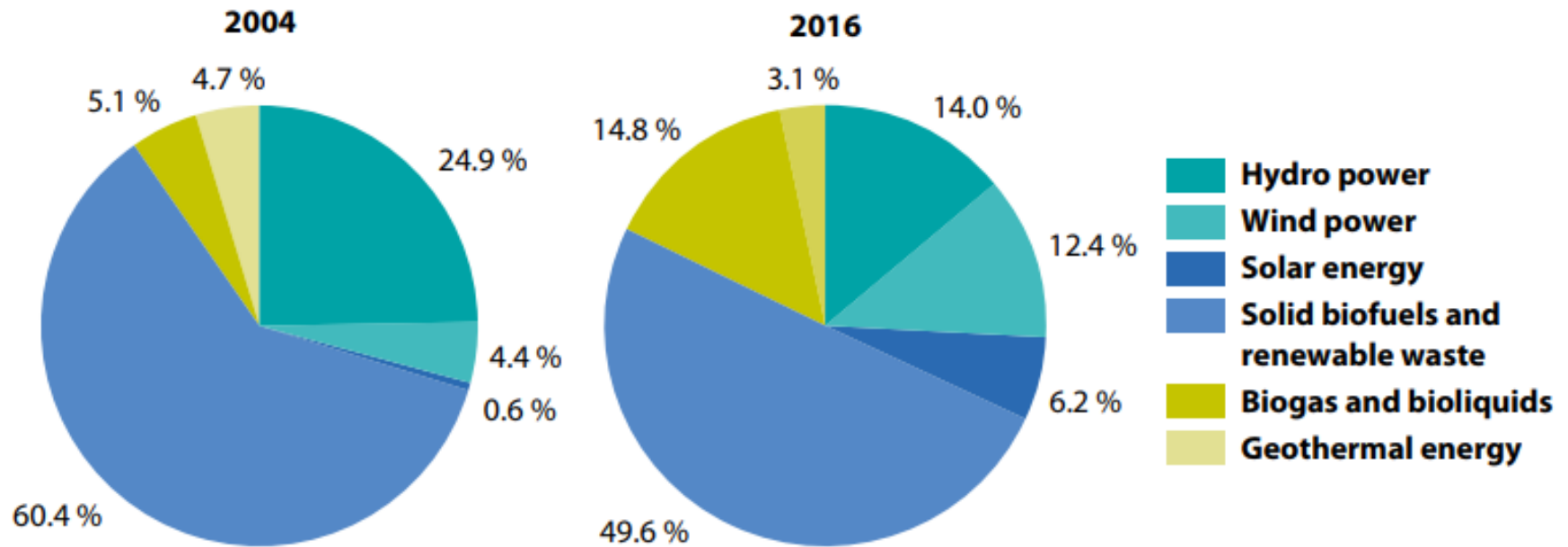


Source: Eurostat (online data code: [t2020_31](#))



PV Trainer in EU 2020 Strategy

Figure 3.13: Gross inland consumption of renewable energy, by source, EU-28, 2004 and 2016 (%)



Source: Eurostat (online data code: [nrg_107a](#))

Thank you!

Muchas gracias!

IV **TRAINER**



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