



Marché du solaire en Europe, positionnement, perspectives

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Paris, 13 avril 2010



**JOURNÉES
EUROPÉENNES
DU SOLAIRE**
DU 3 AU 10 MAI 2010



Marché des énergies renouvelables en Europe

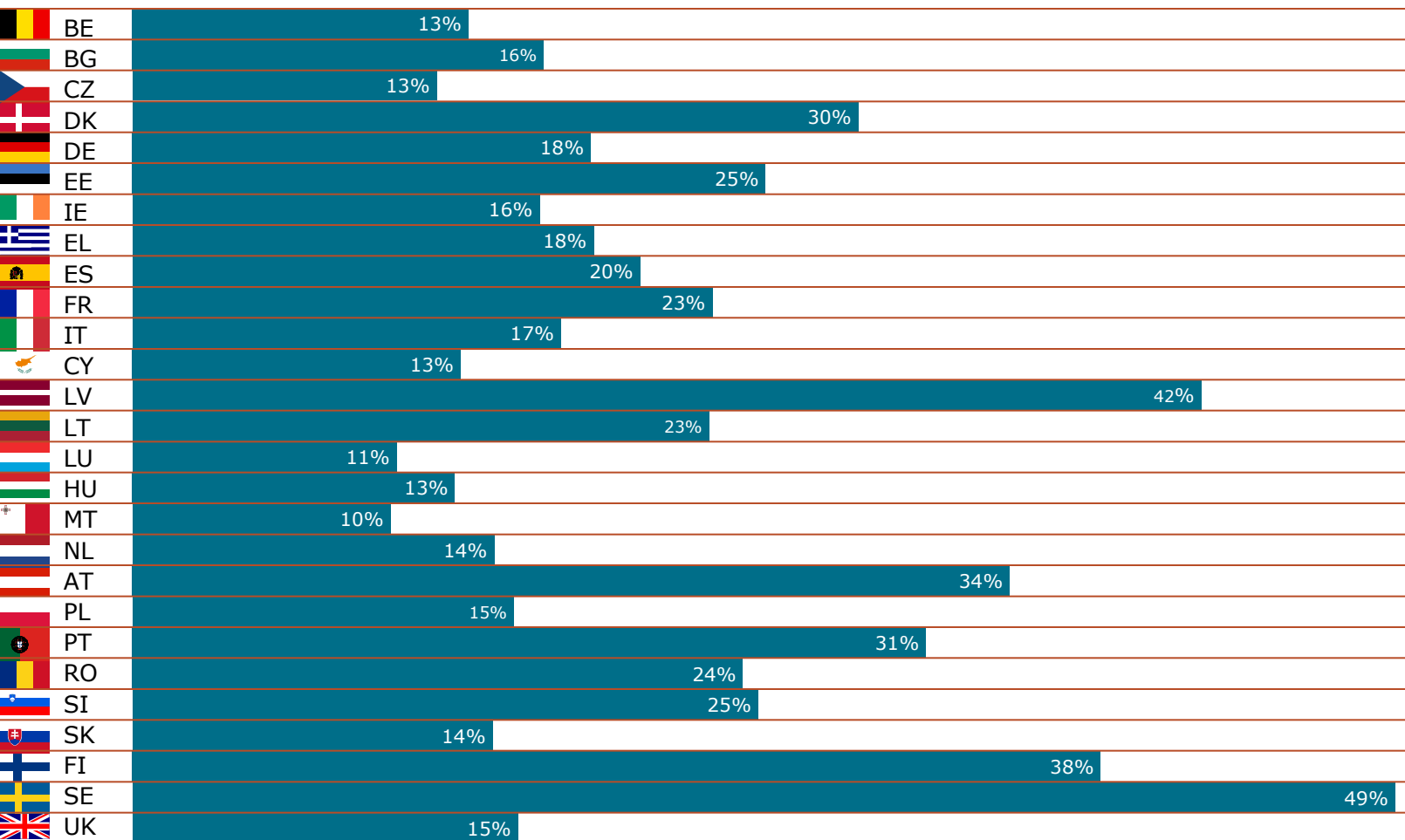
RES Market Overview (2004-2010)

	2004	2006	2008	2010
Jobs	200,000	300,000	400,000	550,000
Turnover (€bn)	10	15	35	70
RES share (%)	8.2	9.2	10.5	12

Source: EREC

2009: Paquet climat & énergie: 3 x 20 %

EU-27 efforts in Renewables RES share in 2020



RES share in 2020



Feuille de route des énergies renouvelables au moins 20 % en 2020

✓ 33-40 % électricité à base des EnR en 2020

✓ 25 % chaleur à base des EnR en 2020

Solaire en Europe: 10 à 20 % des 20 % EnR en 2020

Table 8: Contribution of RES to total final energy consumption (Mtoe)

Type of energy	2005		2006		Projection 2010		Targets 2020	
	Eurostat	%	Eurostat	%		%		%
Final Energy Consumption ¹ (Trends to 2030) * (Combined RES and EE) **	1,211.5		1,214.8		1,272		1,378 1,266	
Wind	6.06	0.50	7.05	0.58	15.13	1.19	41	3.0-3.2
Hydro ²	29.82	2.46	30.71	2.53	30.95	2.43	33	2.4-2.6
Photovoltaic	0.13	0.01	0.22	0.02	1.72	0.14	15.5	1.1-1.2
Biomass	67.51	5.57	73.11	6.02	102.60	8.07	175.5	12.7-13.9
Geothermal	1.10	0.09	1.16	0.10	3.86	0.30	9.4	0.7
Solar Thermal	0.68	0.06	0.77	0.06	1.5	0.12	12	0.9-1.0
Solar Thermal elect.	0		0		0.16	0.02	2.2	0.2
Ocean	0		0		0.08	0.01	0.4	0.03
Total RES	105.3	8.69	113.02	9.30	156.0	12.3	289	20.9-22.8

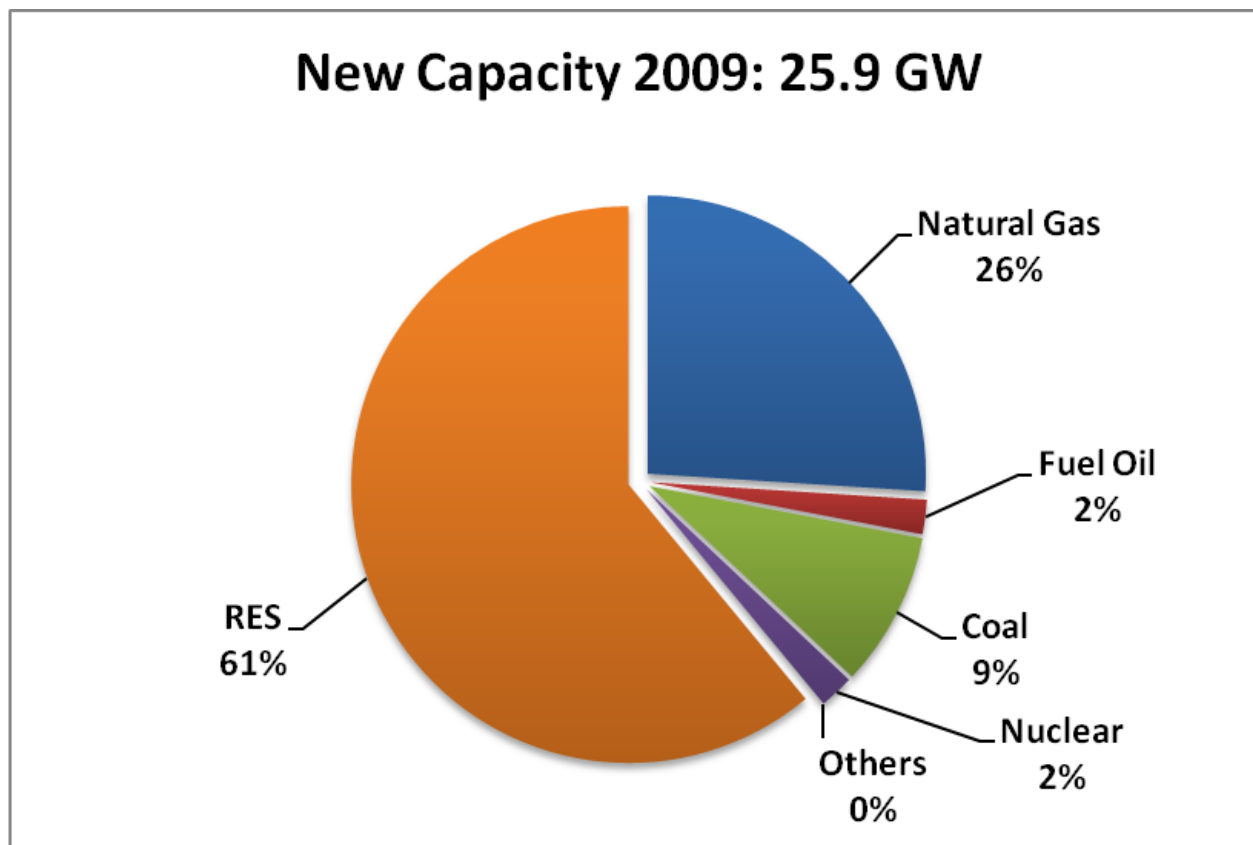
¹ - Including electricity and steam transmission/distribution losses and own consumption

² - Normalised according to the formula proposed in the RES Directive

* - European Energy and Transport: trends to 2030 – update 2007, 2008, European Commission Directorate General for Energy and Transport

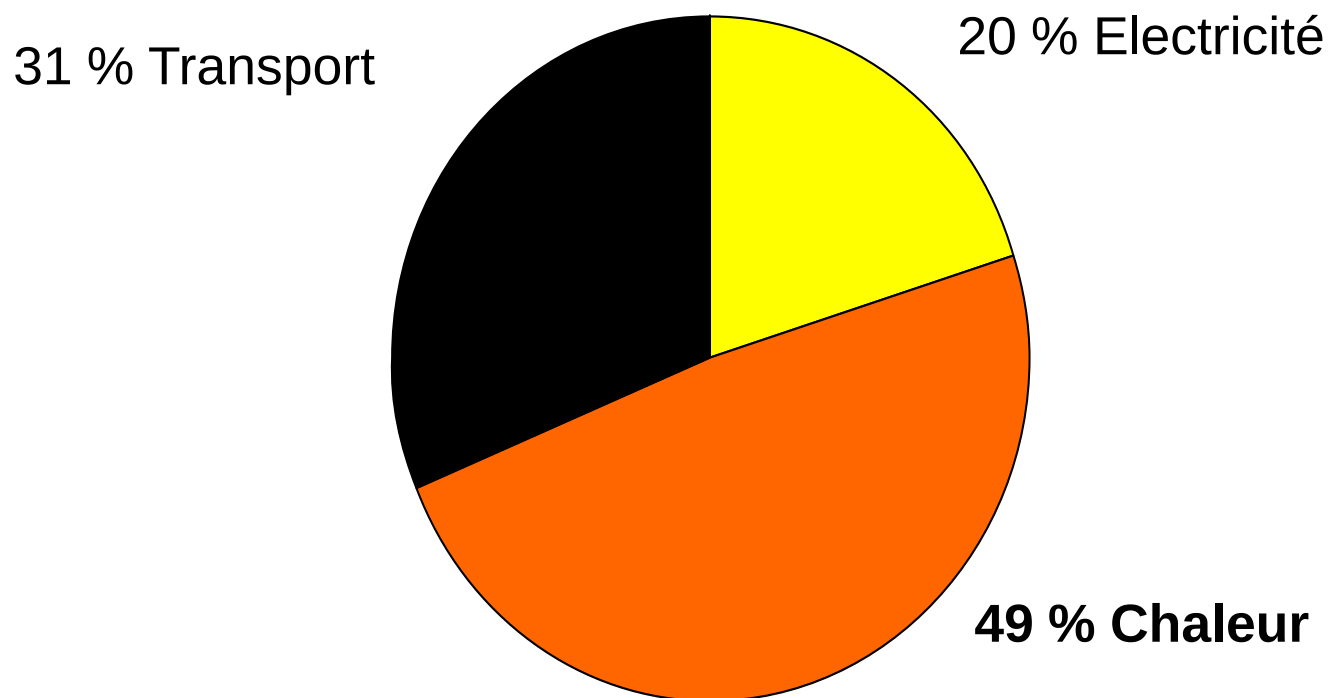
** - European energy and transport: Scenarios on energy efficiency and renewables, 2006, European Commission Directorate General for Energy and Transport

New electricity capacity installed in 2009 (%)





Chaleur: un géant dormant



Source: Eurostat figures elaborated by EREC

Final Energy Consumption by Sector EU-27



National Renewable Energy Action Plans: It's the final Countdown!

- 30th of June is the deadline for Member States to notify the European Commission of their National Renewable Energy Action Plans (NREAPs), a requirement under the Renewable Energy Directive.
- NREAPs will give an overview of the planned development of the renewable energy sector up until 2020 as well as detailed information on measures to reach the target.
- **These will be crucial documents to provide for investor stability and reaching the 2020 target.**

European Energy Programme for Recovery (EEPR)

- 15 energy projects (9th December 2009)
 - 6 CCS projects: €1 billion
 - 9 Offshore Wind projects: €565 million

- 43 infrastructure projects (4th March 2010)
 - 31 gas pipeline projects: €1.4 billion
 - 12 electricity interconnection projects: €910 million



Remaining funds – the chance for a real sustainable recovery for Europe

- € 3,980 million financial envelope of EEPR
- € 3,865 million dedicated to EEPR projects



€ 115 million uncommitted



**possibly € 400 million uncommitted
by the end of 2010**



EEPR - Committment

Should the Commission (...) find that it will not be possible to commit by the end of 2010 a part of the funds (...), the Commission will propose, if appropriate and ***in a geographically balanced way***, an amendment to the Regulation allowing for the ***financing of projects in the area of energy efficiency and renewable energy sources***, in addition to the above initiatives (...).

Source: Commission Declaration of Regulation (EC) No 663/2009





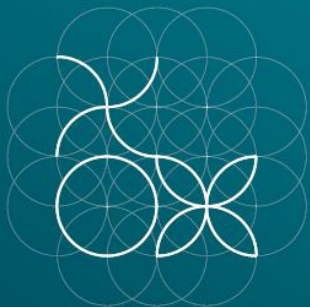
EUROPEAN RENEWABLE
ENERGY COUNCIL

Outlook 2050



RE-thinking
2050

A 100% Renewable
Energy Vision for
the European Union



RE-thinking
2050
LAUNCH

Date: 15/04/2010

Venue:

European Parliament – Member Salon
Rue Wiertz 60 – 1050 Bruxelles



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