



EUROPEAN RENEWABLE
ENERGY COUNCIL



Renewable Energy in Europe

– until and beyond 2020 –

Rainer Hinrichs-Rahlwes
President

Webinar on REN21 Renewables 2013 Global Status Report – 21 October 2013



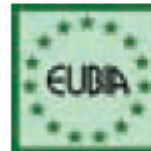
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Europe's Renewable Energy Policy Conference

Brussels, 28 November 2013

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13
percent

The share of EU's final energy consumption

1/4
million

The amount that renewable energy contributes already to the EU's 20% GHG reduction target

1.2
billion

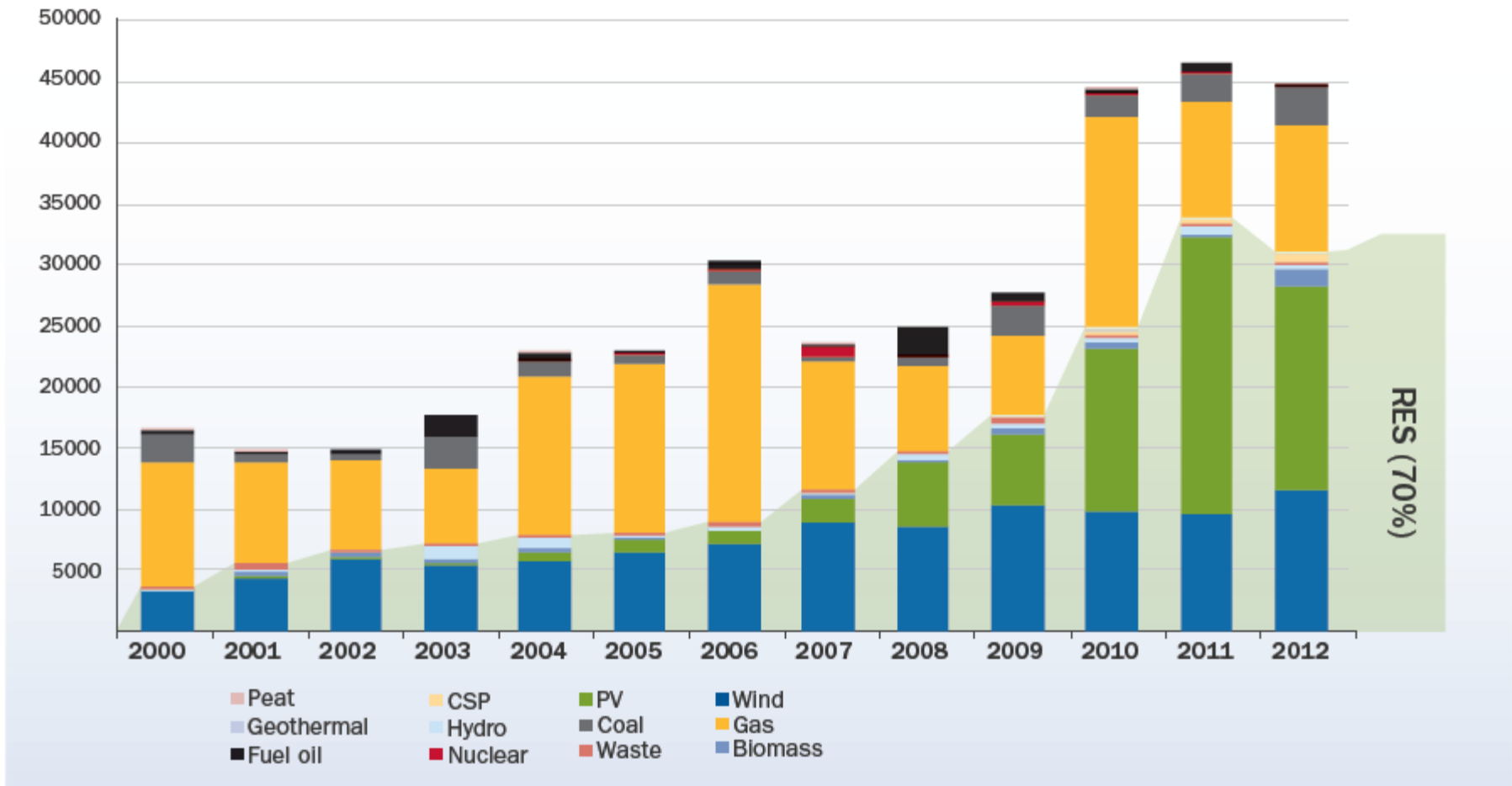
The number of jobs in the EU that already exist in the renewable energy sector

130
billion

The annual economic activity of the renewable energy industry

Annual Power Capacity Additions in the EU: 70% Renewables in 2012

SC3



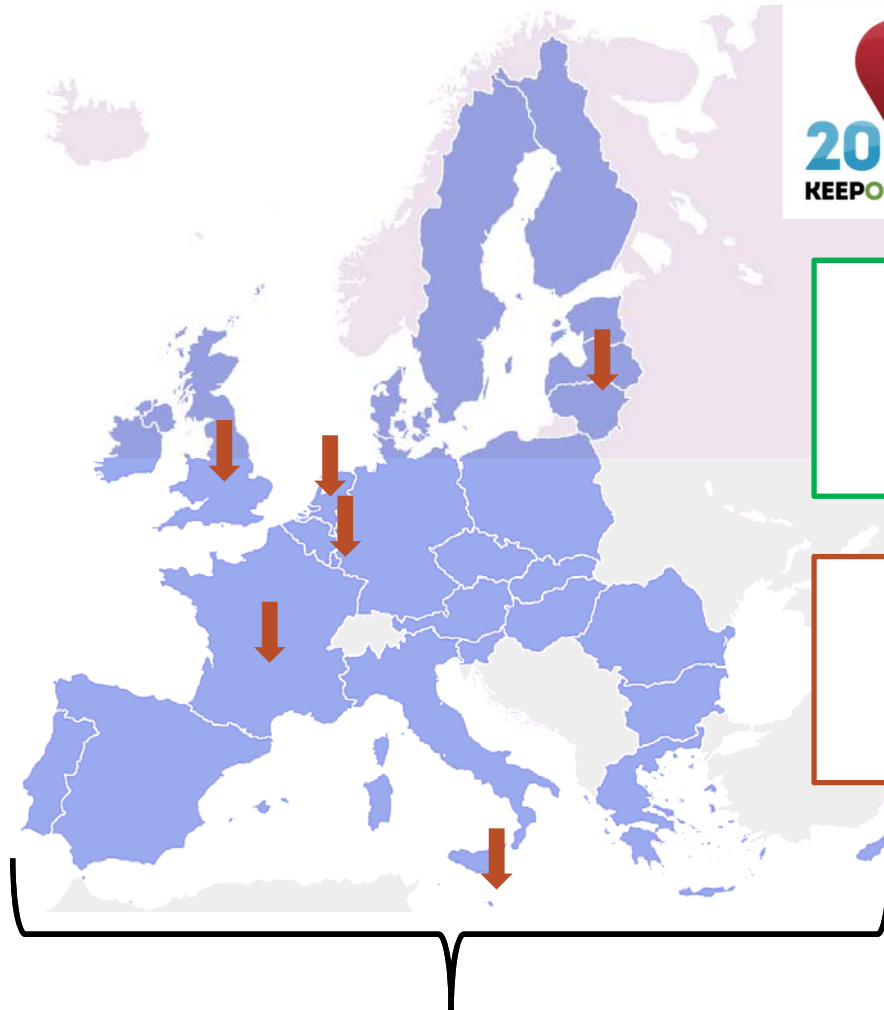
Source: EWEA

Slide 4

SC3

Maybe change the title "Annual Power Capacity Additions in EU"

Sandra Chavez, 6/12/2013



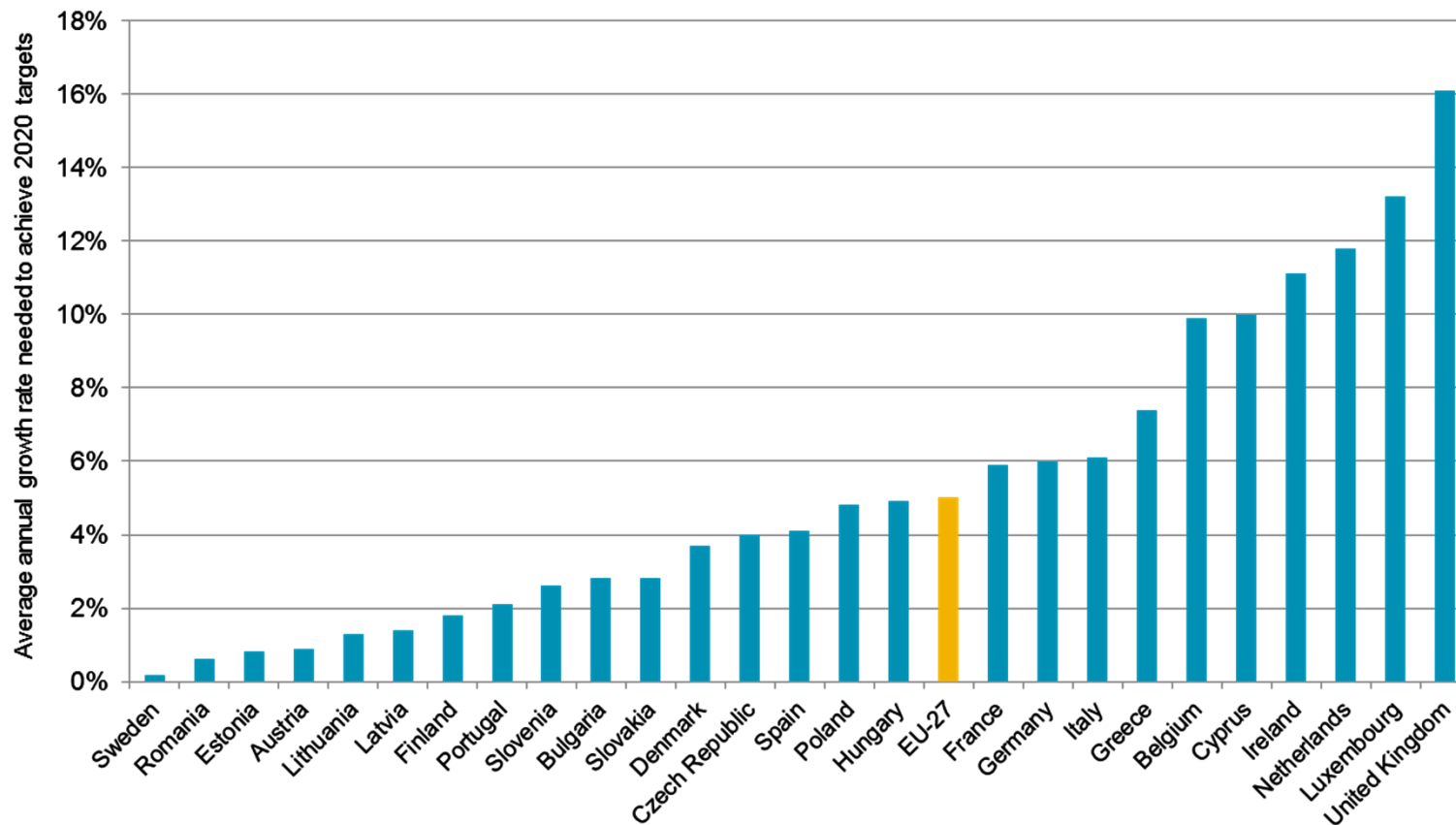
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Progress towards
Renewable Energy
2020-targets
(Status 2011)
(FR, UK, LU, LV, NL, MT)

2011 RES shares of the EU as a whole
above 2011/2012 interim target



AAGRs needed to achieve 2020 targets

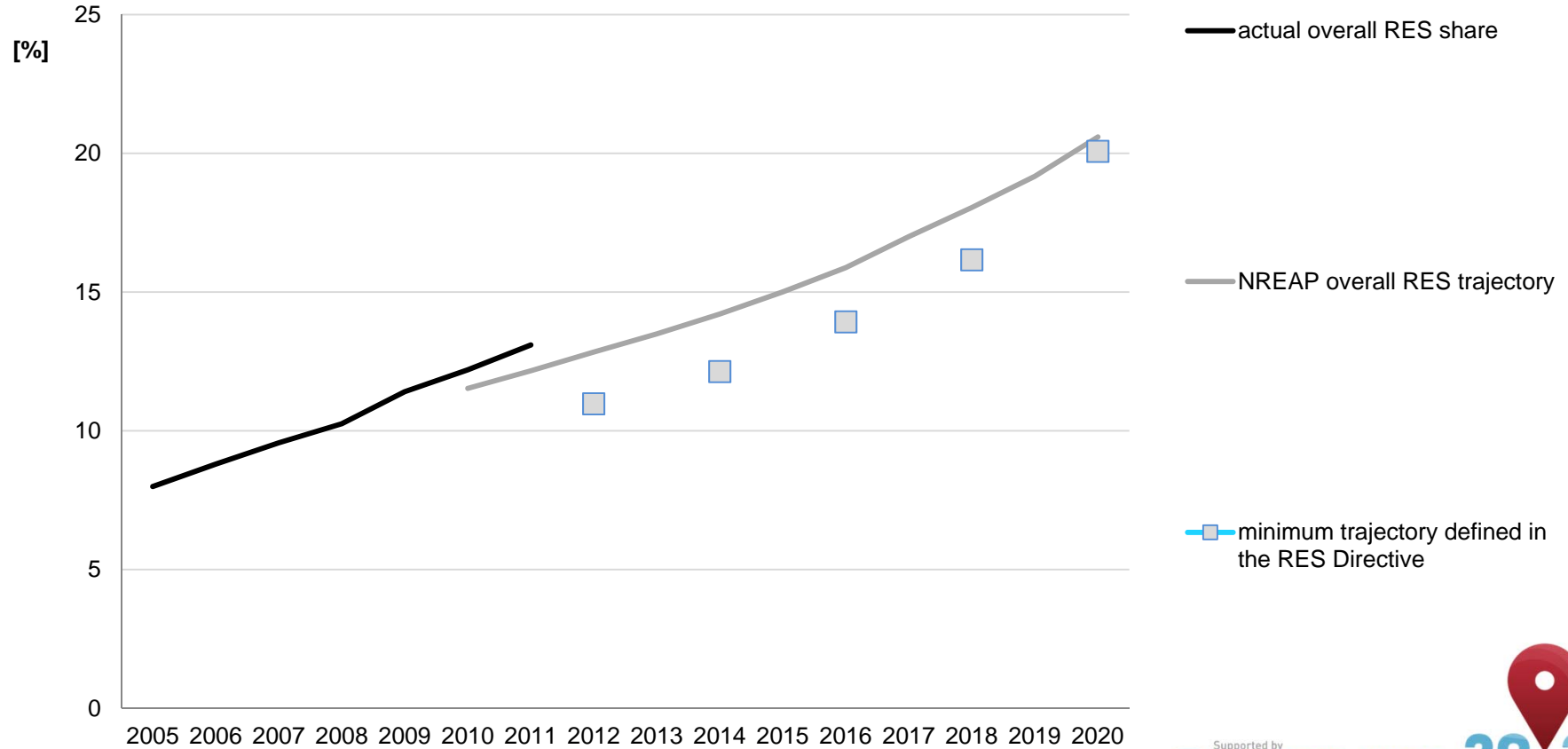


Source: EREC based on 2010 Eurostat data



The EU is on track so far...

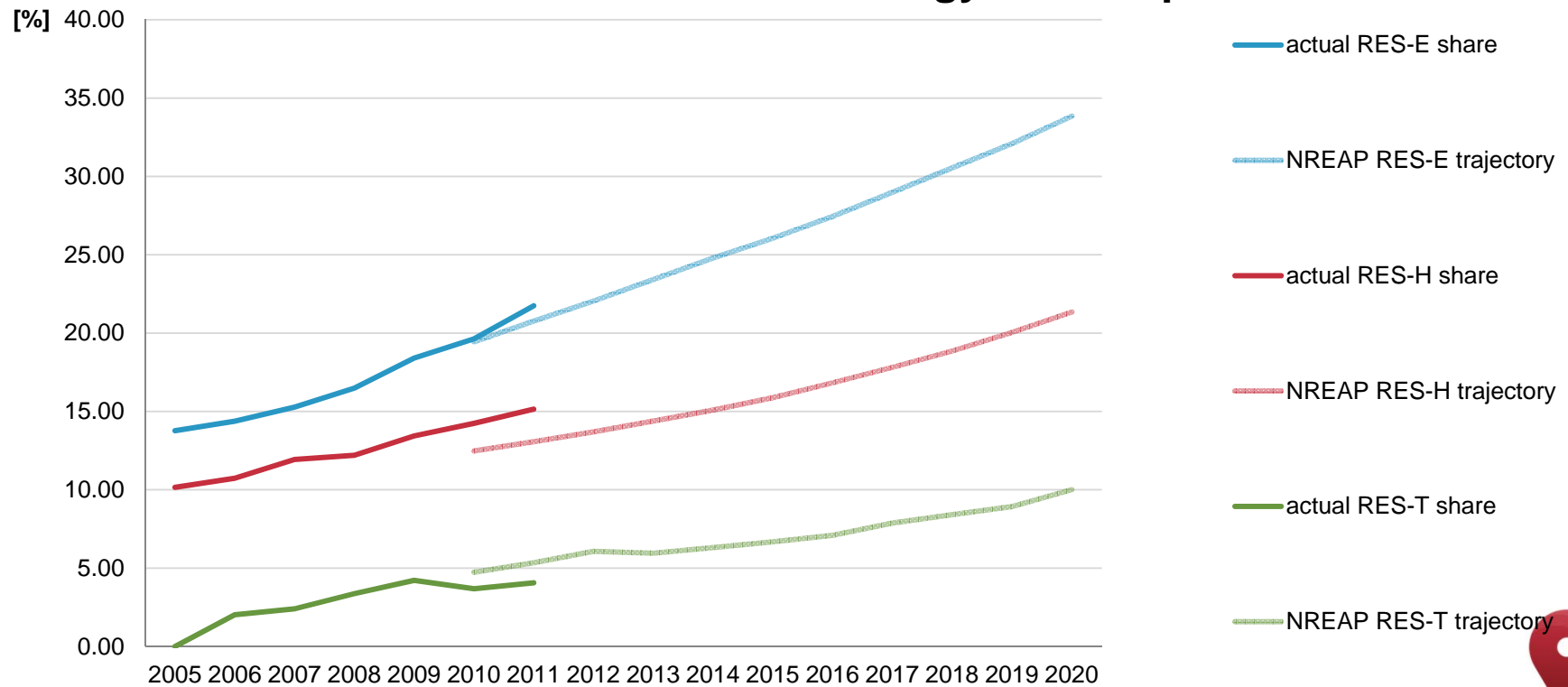
RES Share in gross final energy consumption





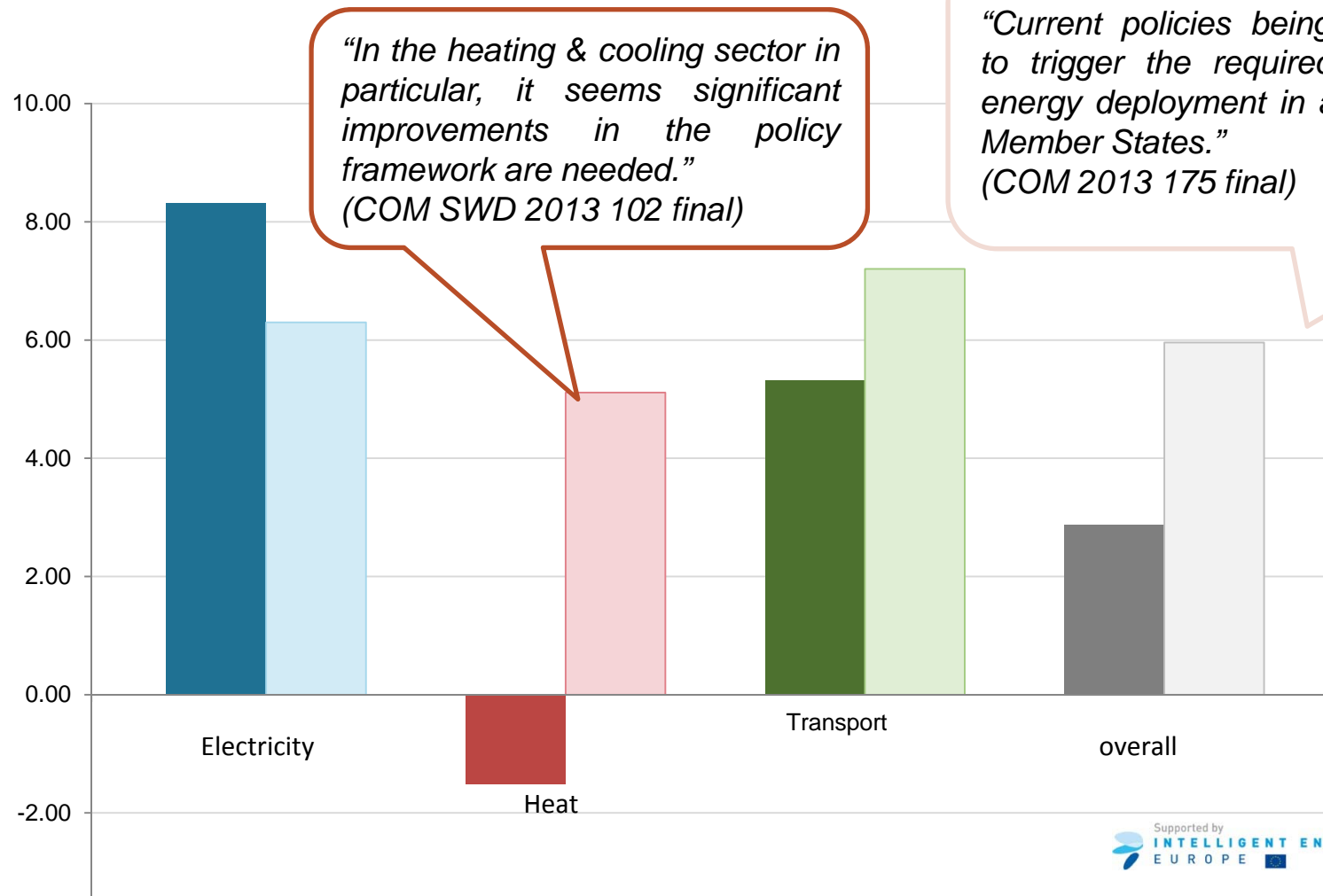
...with the transport sector below planned developments

RES sector share in final sectoral energy consumption



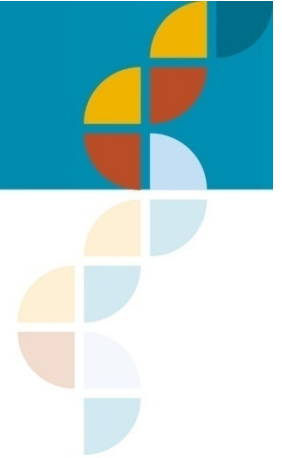


2010-2011 Growth Rates vs. AAGR required to meet 2020 ambitions



*“In the heating & cooling sector in particular, it seems significant improvements in the policy framework are needed.”
(COM SWD 2013 102 final)*

*“Current policies being insufficient to trigger the required renewable energy deployment in a majority of Member States.”
(COM 2013 175 final)*



Meet the challenges and reap the benefits of renewables!

- **Global uptake of policies for renewables:**
decreasing European share in growing global market
- **Lack of policy certainty in Europe** (policy changes in MS and ongoing uncertainty about post-2020)
- **Stable and reliable integrated climate and energy framework for 2030 needed** – including ambitious and binding targets for GHG-emissions reduction, energy efficiency and renewable energy.



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Harmonised
An integrated

May 2011

work

April 2013

45% by

2030

Towards a truly sustainable energy system in the EU



Clear signal for investors

⇒ long-term predictability of market volumes and direction



✓ decrease the costs of uncertainty

✓ facilitating the achievement of the existing 2020 targets in the most efficient way



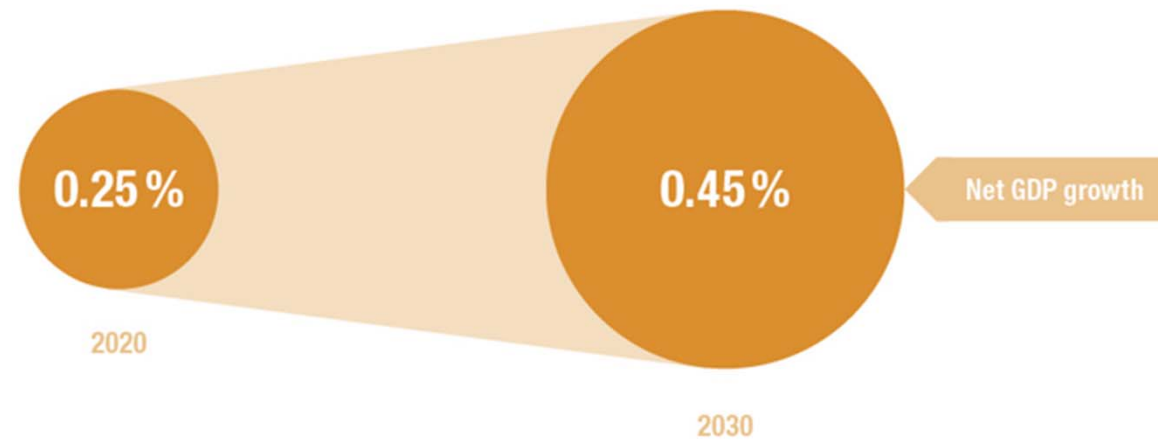
Growing the economy

Renewable
Energy Industry

1%
of the EU GDP



Economic activity valued €137 billion





Technology leadership

⇒ reap benefits of first-mover advantage

- ✓ global competition with China, U.S., South Korea or India
- ✓ capitalise on exporting opportunities in growing global markets

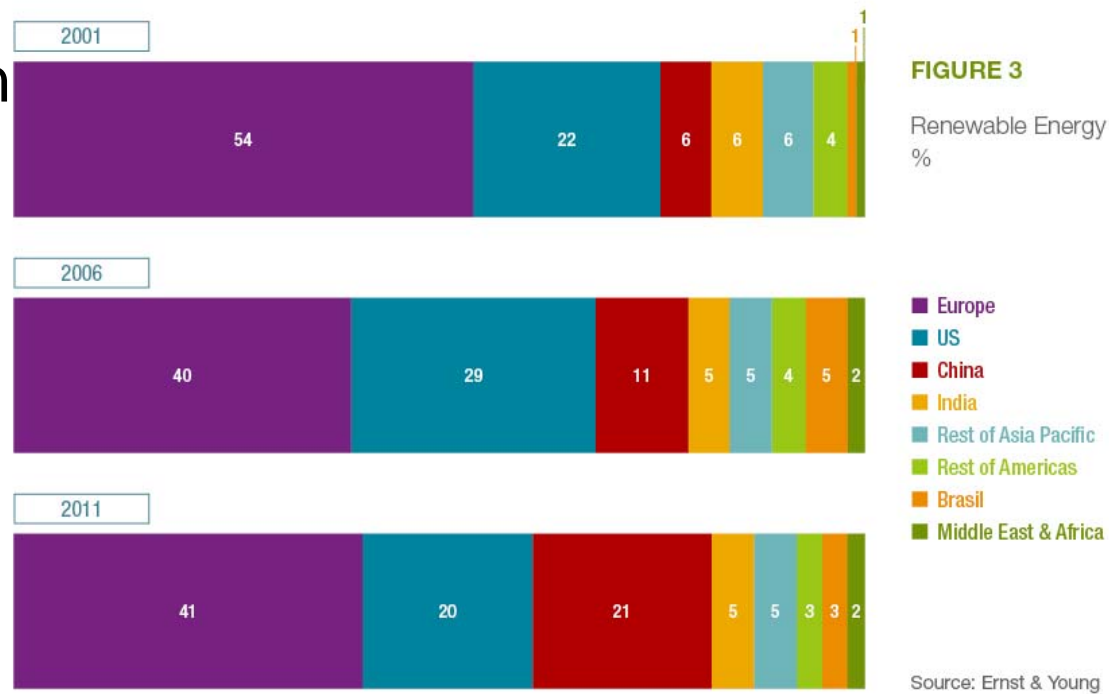


FIGURE 3
Renewable Energy Investment %

Source: Ernst & Young

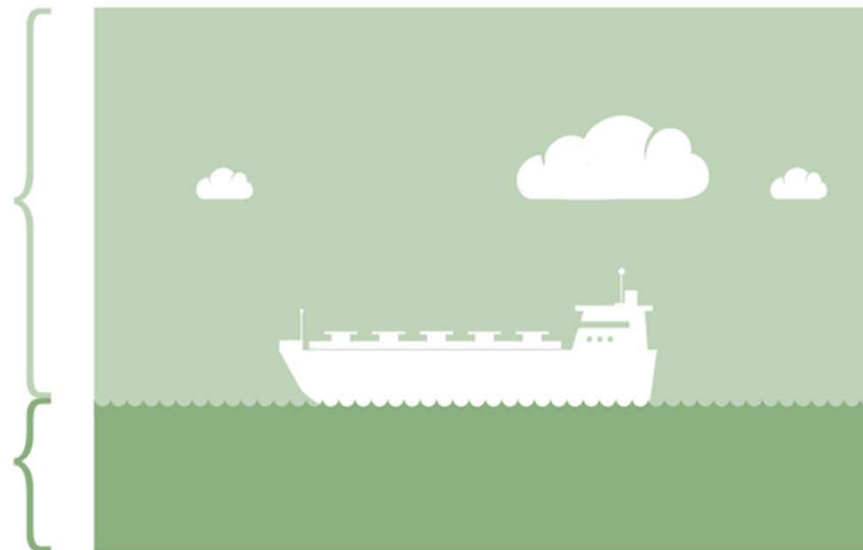


Replacing fossil fuel imports

➔ RES technology export instead of fossil fuel imports

€388 billion
Import of Fossil fuel
in the EU

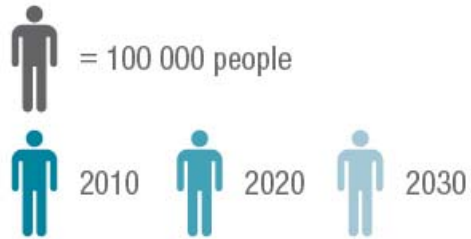
€150 billion
EU trade deficit



- ✓ 550 Mtoe by 2030 (€350 billion)
- ✓ equivalent to consumption of Belgium, Germany, Latvia, Poland, the UK and Spain



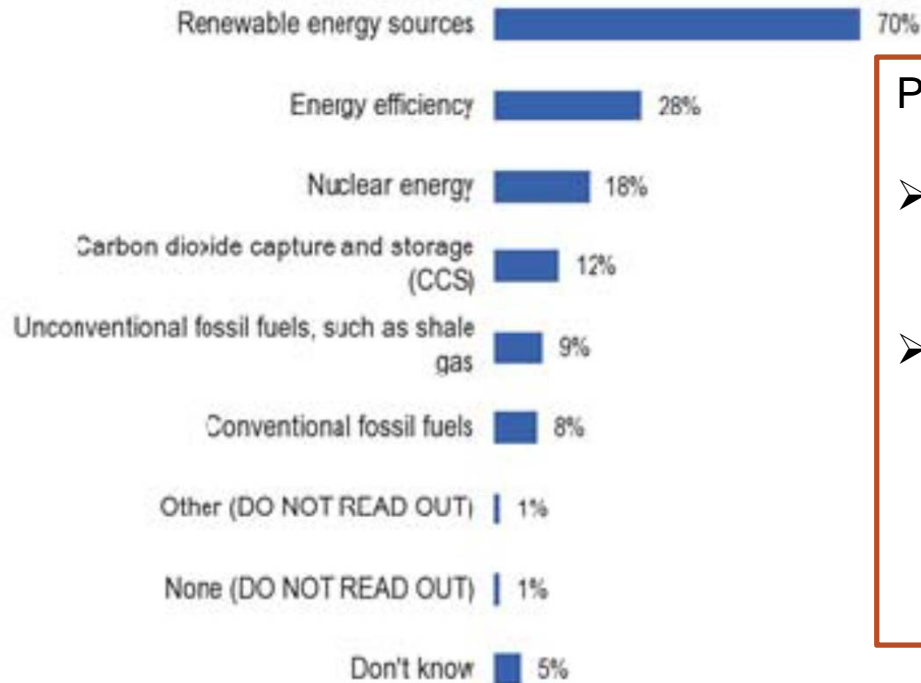
Creating Jobs





Which energy priority for 2043?

Q21. Thinking about the next 30 years, which of the following energy options do you think should be prioritised now in (OUR COUNTRY)?



Priorities now for the next 30 years:

- fewer than one in ten Europeans think that unconventional fossil fuels should be prioritised
- **70% of Europeans think renewable energy sources should be the priority energy option**
 - ❖ **In all 27 MS**, RES is the most mentioned priority for energy options in the next 30 years

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Europe's Renewable Energy Policy Conference

28 November 2013, Brussels, Belgium

Join Europe's leading biennial Renewable Energy Policy Conference, **EREC2013**, that has grown since its first edition in 2004 to become Europe's major occasion for exchange and interaction between industry, research and policy.

EREC2013 will feature:

- boosting jobs, growth and innovation by investing in renewable energies
- the question of whether Europe is on track to meet its 2020 targets
- the ambitious 2030 framework to provide stability for investors

Why join **EREC2013**?

EREC2013 is a unique platform to reach key decision makers in the renewable energy sector. It offers you an unparalleled opportunity to directly engage with senior policy makers and to enhance your company's image as a key actor in the renewable energy market.

Register now and make the right connections: www.erec2013.org

