



CEDEFOP

European Centre for the Development
of Vocational Training



Skills for a low carbon Europe

JOINT CONFERENCE ON “SKILLS NEEDS IN GREENING ECONOMIES”

Brussels, 10 October 2013

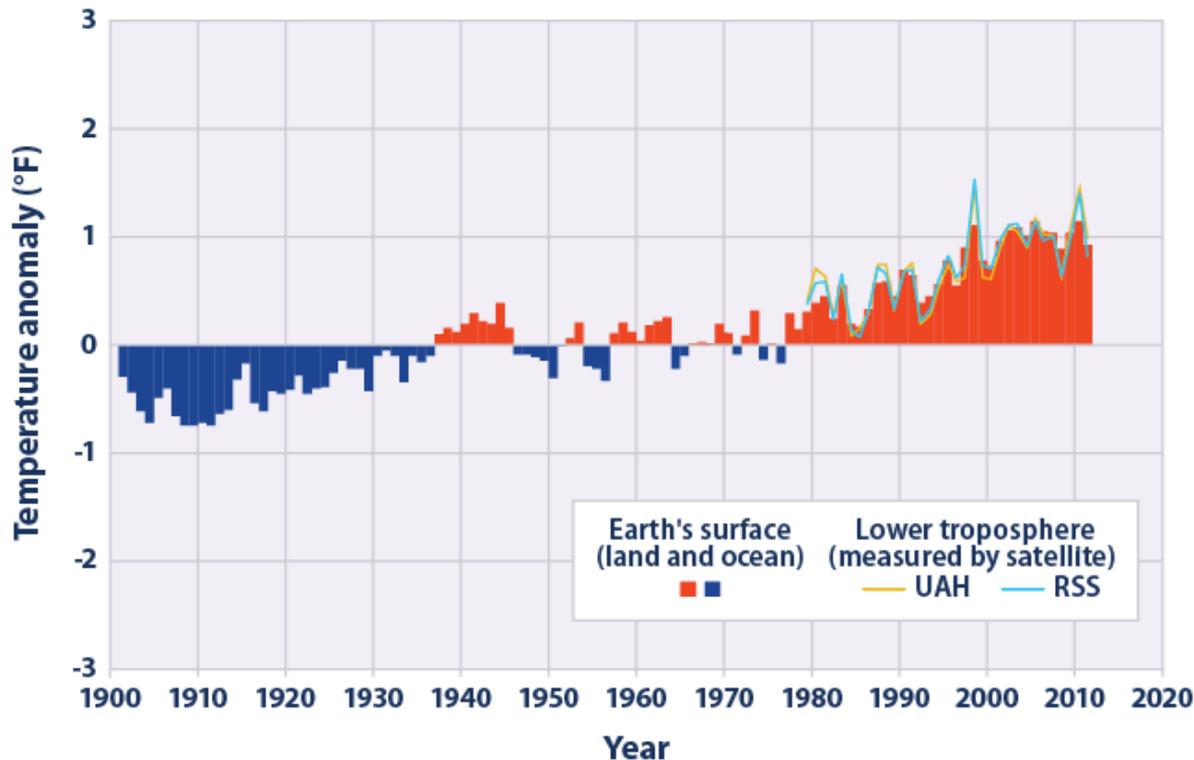
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Cedefop





Is 'GREEN' necessary, feasible, attractive?

Temperatures Worldwide, 1901–2011



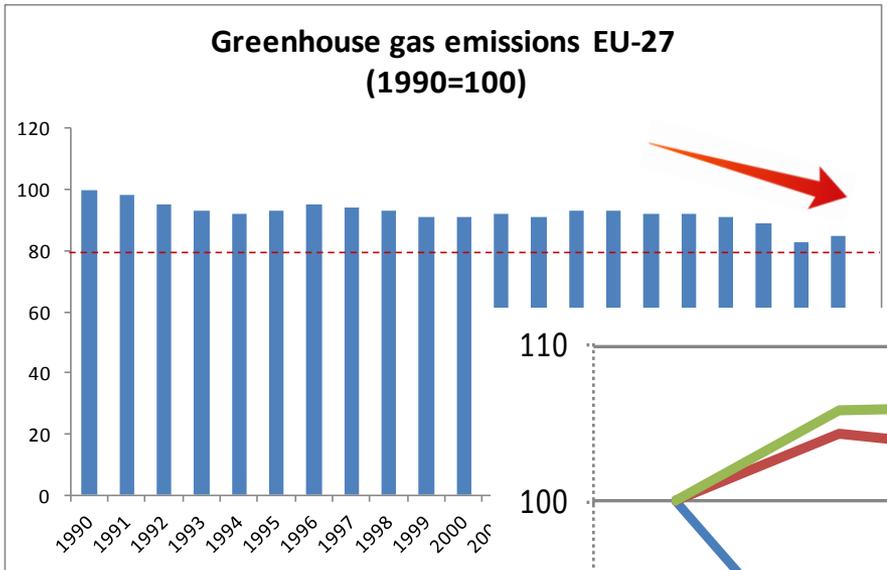
Data source: NOAA (National Oceanic and Atmospheric Administration). 2012. National Climatic Data Center. Accessed April 2012. www.ncdc.noaa.gov/oa/ncdc.html.

What we know:

Climate is warming

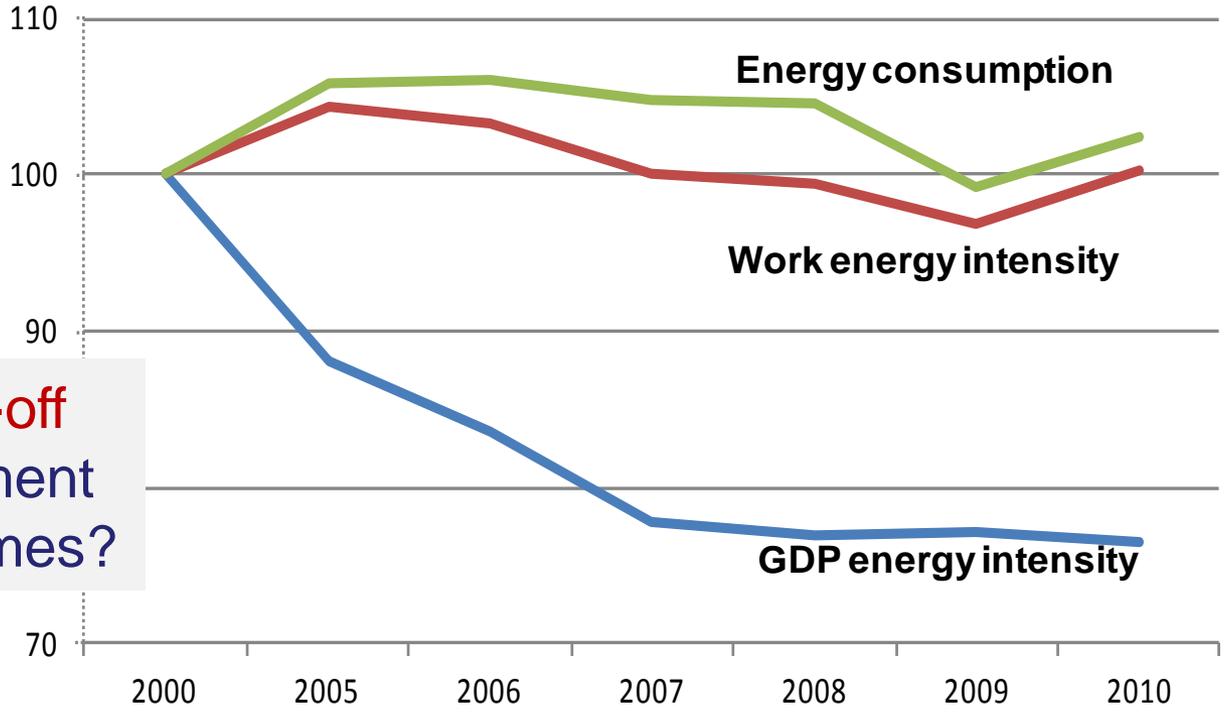
GHG emissions are increasing

Human activity is heavily influencing GHG growth



EU TARGET

Reducing GHG by 20% is **feasible**, but...

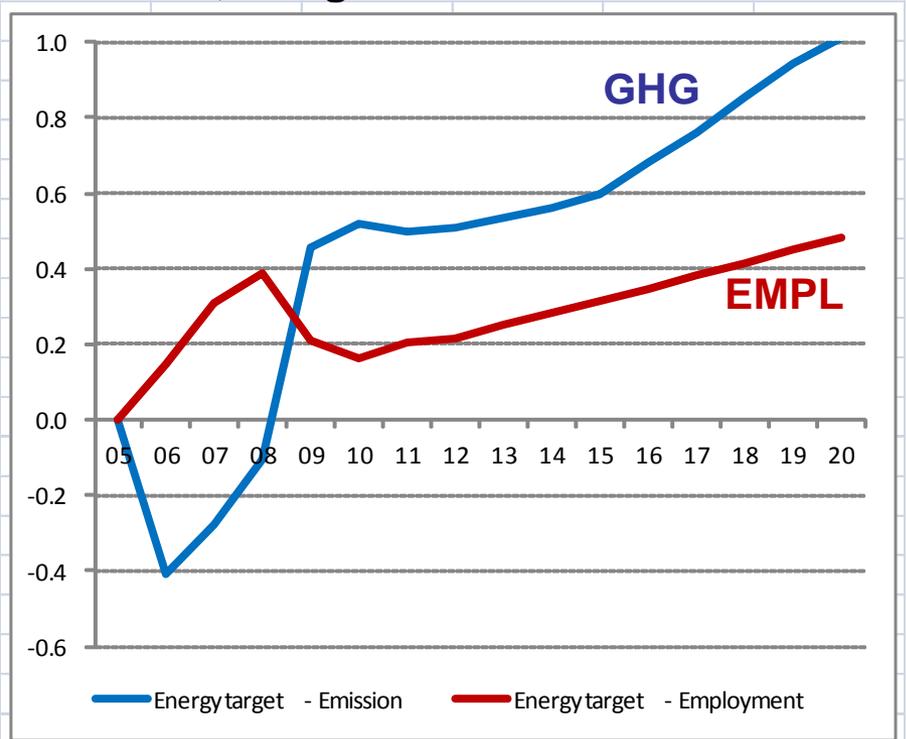
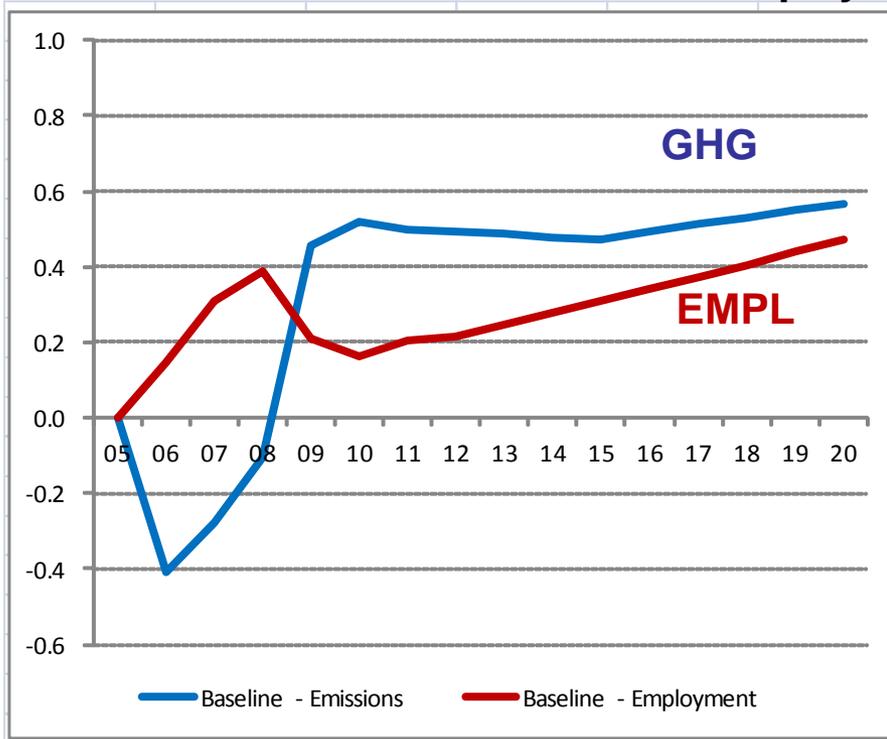


...possible **trade-off** between employment and climate outcomes?



Greenhouse gas emissions and employment Selected policy scenarios up to 2020 EU-27

Emissions and employment: 2005=0; targets = 1



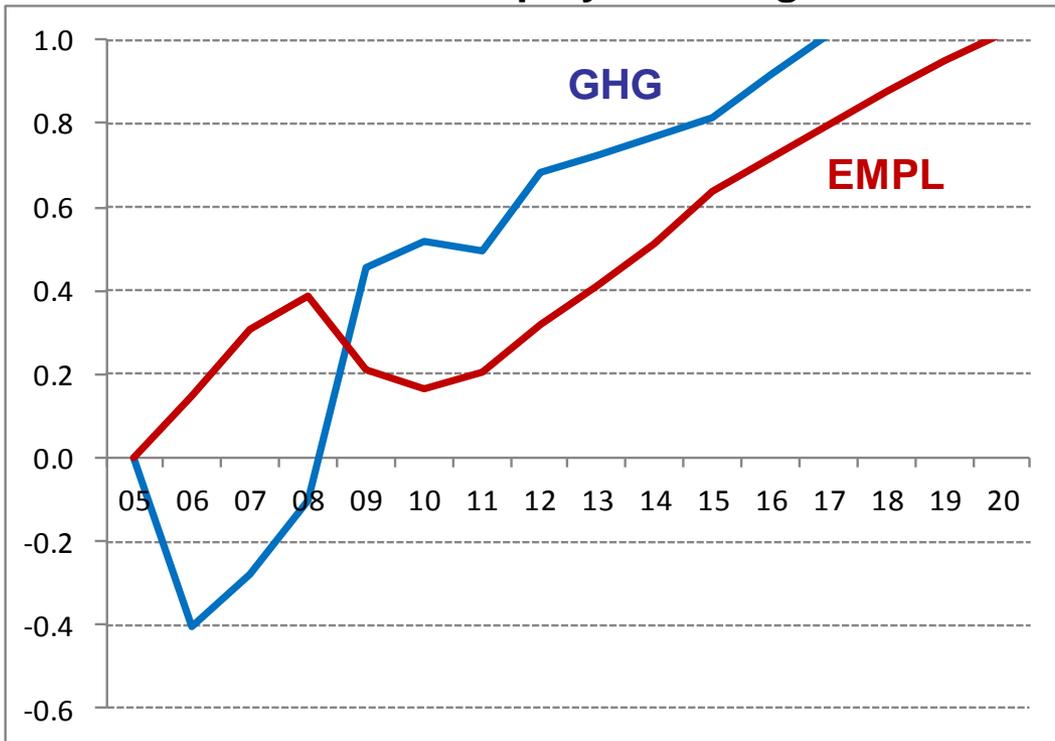
BASELINE SCENARIO

ENERGY TARGET SCENARIO



Selected policy scenarios up to 2020 EU-27

Emissions and employment targets = 1



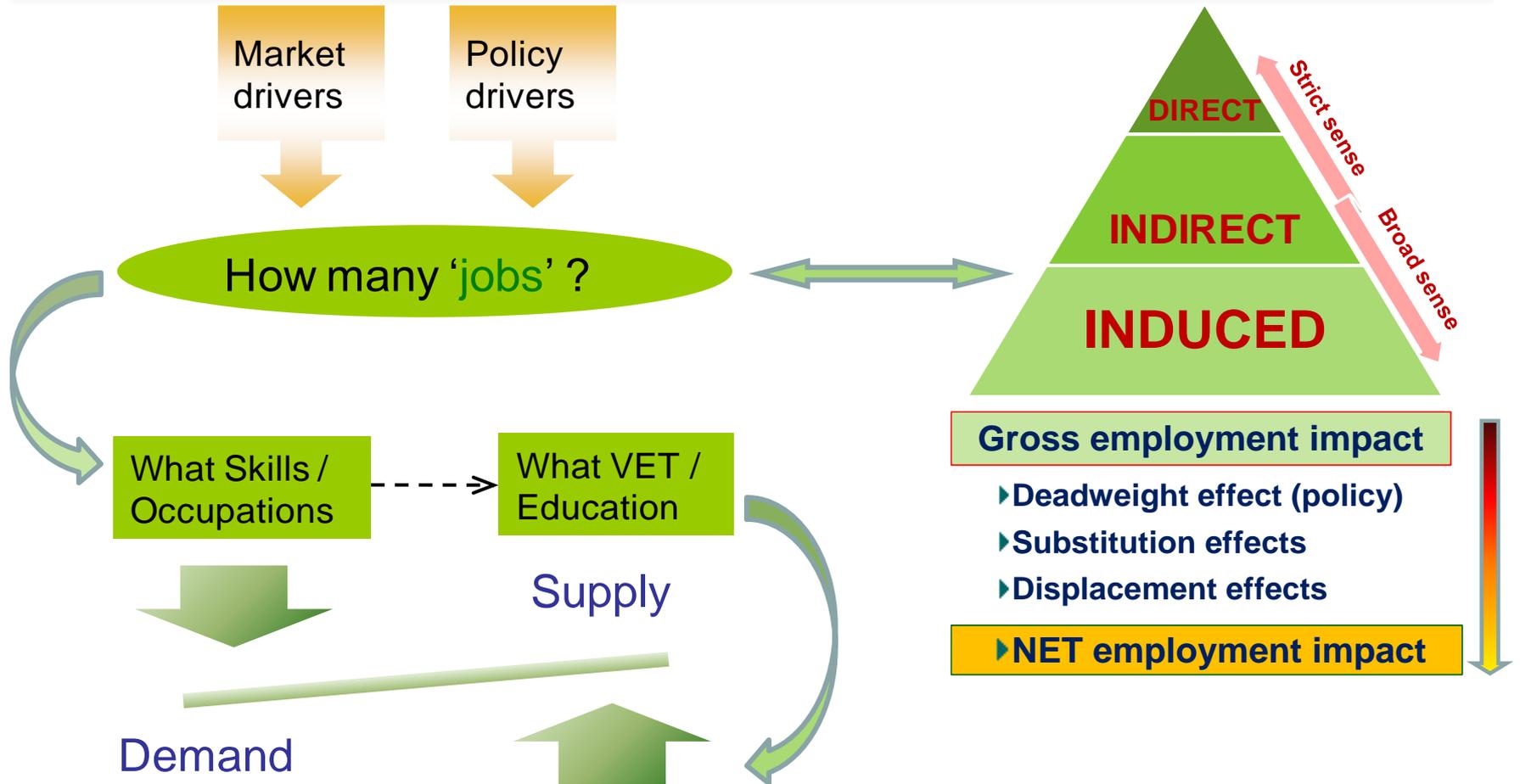
Have your cake and eat it?

A sustainable and energy - efficient economy can be achieved at the same time as employment growth...

... but a greater integration of climate and energy polices is necessary with measures to support **employment** , **innovation** and innovative and responsive **vocational education and training**

ENERGY&EMPLOYMENT TARGETS SCENARIO

Identifying green skills for innovation and growth





Thank you for your attention

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<http://www.cedefop.europa.eu/EN/about-cedefop/projects/green-skills/green-skills.aspx>