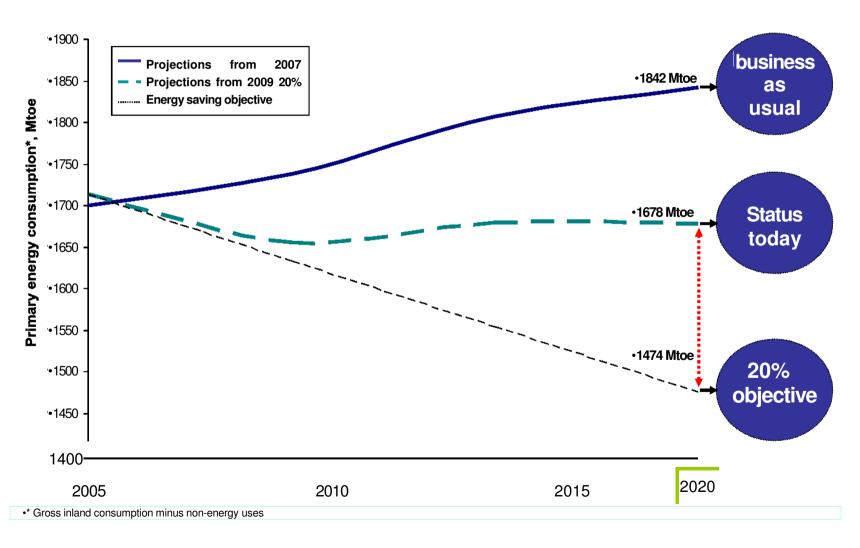
Critical feedback on the state of EU energy efficiency policies

Brook Riley Stockholm, October 1st



SO FAR THE EU IS NOT ON TRACK TO MEET ITS 20% ENERGY SAVING TARGET BY 2020



Source: European Commission



« We shouldn't invest in energy efficiency because it's bad for economic growth »

Markus Pieper MEP, shadow rapporteur Energy Efficiency Directive

Not true.

Meeting the 20% by 2020 energy savings target will save Europe €200 billion every year.

Source: EU Commission

The most secure energy is the energy a country doesn't need.



Fukushima



"Defence": 4 Transporting stuff: 12 kWh/d Geothermal: 1 kWh/d Tide: 11 kWh/d Wave: 4 kWh/d Stuff: 48+ kWh/d Deep offshore wind: 32 kWh/d Shallow Food, farming, offshore fertilizer: wind: 15 kWh/d 16 kWh/d Gadgets: 5 Hydro: 1.5kWh/d Light: 4kWh/d Biomass: food. biofuel, wood, waste incin'n, landfill gas: Heating, 24 kWh/d cooling: 37 kWh/d PV farm (200 m²/p): 50 kWh/d Jet flights: 30 kWh/d PV, 10 m²/p: 5 Solar heating: 13 kWh/d Сат: 40 kWh/d Wind: 20 kWh/d

Solving Current consumption: 125 kWh/d per person Current consumption: 125 kWh/d per person Current consumption: 125 kWh/d per person

Tide: 3 kWh/d

Offshore: 4 kWh/d

Hydro: 0.3 kWh/d

Biomass: 4 kWh/d

Solar PV: 2 kWh/d

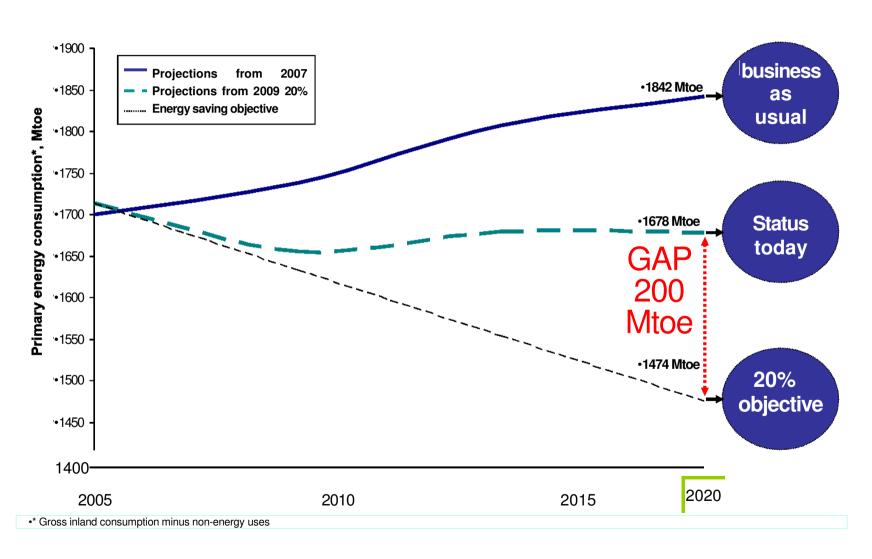
Solar HW: 2 kWh/d

Wind: 3 kWh/d

After the public consultation. I fear the maximum Britain would ever get from renewables is in the ballpark of 18 kWh/d per person. (The left-hand consumption number, 125 kWh/d per person, by the way, is the average British consumption, excluding imports, and ignoring solar energy acquired through food production.)

Source: David Mackay, Sustainable Energy Without the Hot Air

MEETING THE EU'S 20% ENERGY SAVING TARGET WOULD ENABLE 30% DOMESTIC CO2 CUTS BY 2020

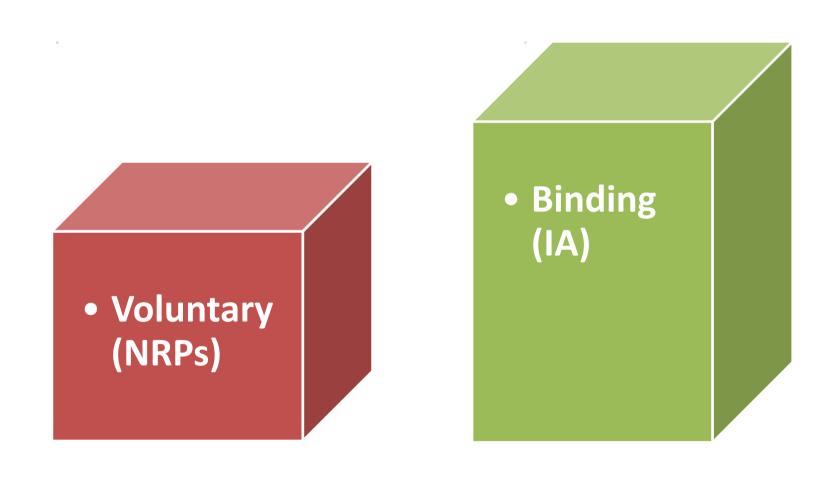


An economic crisis is precisely the right time to save on energy bills



the economist

Binding targets: yes or no?

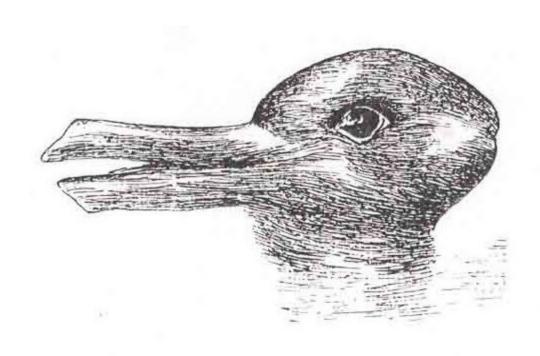


Why wait until 2014?

"So [governments] don't like binding targets or binding measures, and yet they regard energy efficiency as the most important priority of the European Union. Sorry, but we must stop this"



Energy Company Obligations. a transformative business model



Energy Company Obligations. a transformative business model

- ✓ Major contribution to 20% target (118 Mtoe in 2020)
- ✓ Provide financing by acting as energy saving 'investment banks'
- ✓ A secure investment stream for energy groups
- ✓ Reduce customer costs
- ✓ Address fuel poverty



It's time they gave you the savings you deserve...

brook.riley@foeeurope.org

Is 20% by 2020 enough?