

How ambitious is the 2030 RE target?

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Backing 27% ambition with adequate (EU) measures

- How much **overall effort** from public side is necessary to reach the target?
- Implications for EU policy: **how much EU action** necessary to reach the target?

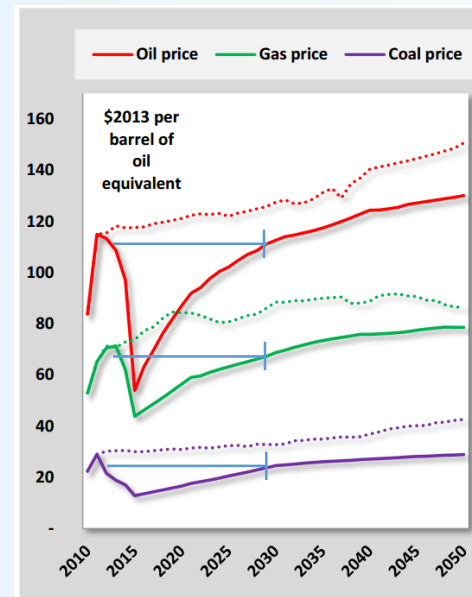
Quantifying the necessary effort

- In modelling: „**market-only**“ scenario → resulting gap
- Gap as measure for needed member states/EU support
- Reference Scenario 2016: **24.3%**
- gap=**2.7 pp** or **€254bn** RES-E alone
- “optimistic“

Assumptions Check

- Share in 2020: **21%**
- Carbon price: **33 €/tCO₂** in 2030 (2016: 4-6 €/tCO₂)

- Fossil fuel prices:



Source: Reference Scenario 2016

Backdrop due to 1G biofuels?

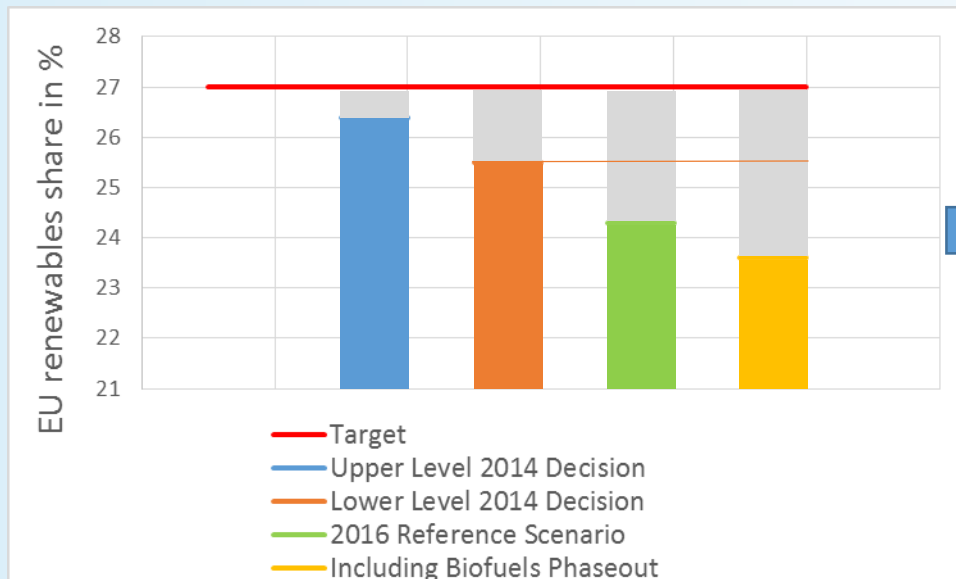
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- 2015 „Globiom“ study by Ecofys: indirect land-use change emissions (ILUC)
- Update of RED would render up to **85%** of current biofuels non-renewable → **not applied**
- Commission proposes 3.8% maximum share of 1G biofuels in transport in 2030 → would reduce EU RE share by **0.7 pp**

A look back to 2014

- Impact Assessment supporting the Council decision for 27% in 2014

→ 25.5 - 26.4% in market-only scenario



Target effort being underestimated?

THANK YOU!

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