

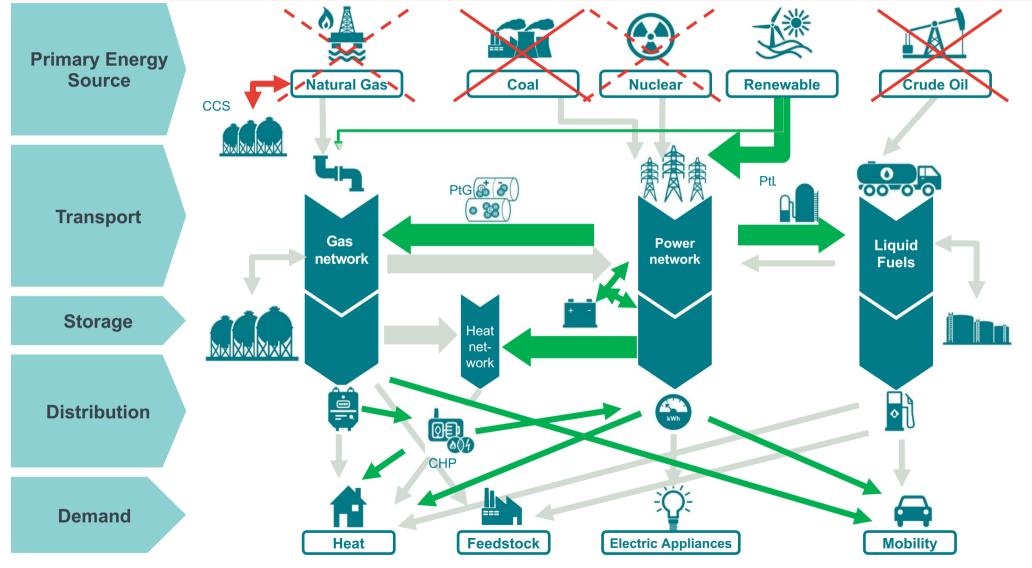
The Role of Gas in the EU's Green Deal

1st Annual European Gas Dialogues Conference Matthias Janssen, Frontier Economics

11 March 2021

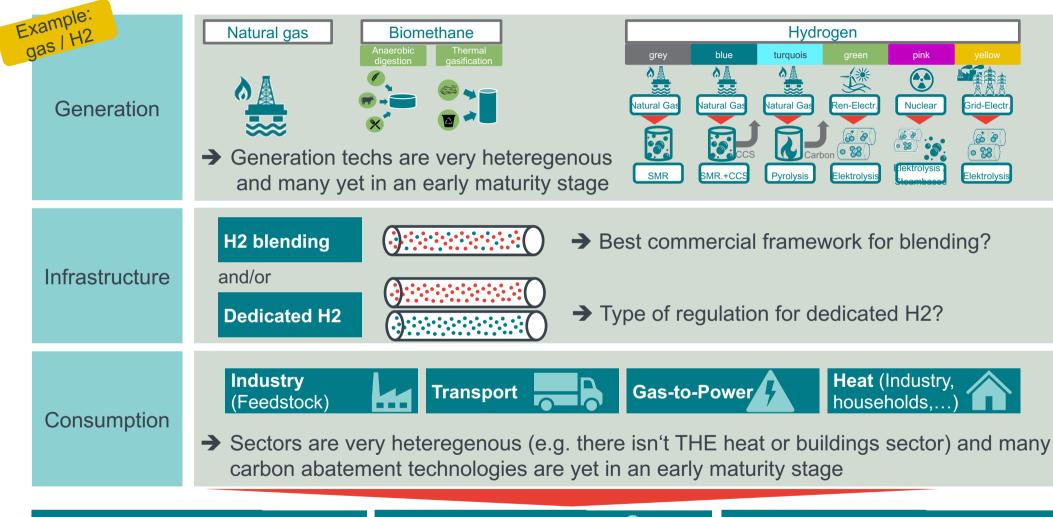


The multiple pillars of the energy system are an important asset to move to 100% renewable ...



... with PtX and H2 becoming an important cross-cutting technology!

Technology neutrality is a key paradigm to secure an efficient tech mix that reflects heterogenity and uncertainty on each stage of the value chain

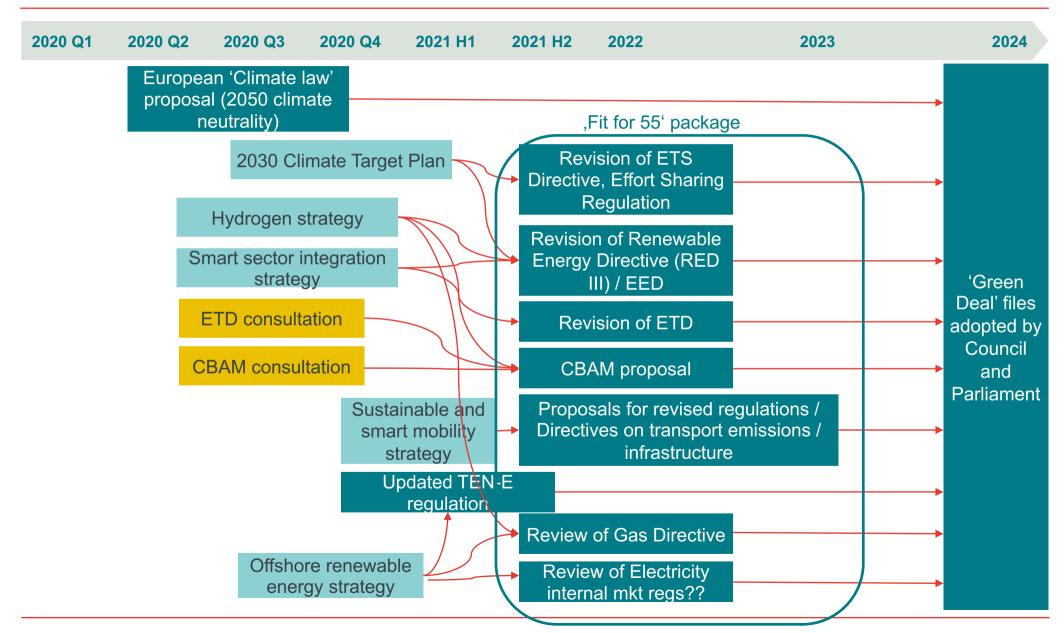


Heterogenity requires differentiated mix of technologies Freedom of choice has an important value for users



Huge uncertainties require to **keep options open**

Is the EU's Green Deal likely to provide this technology neutrality?



Thank you!



Dr. Matthias Janssen



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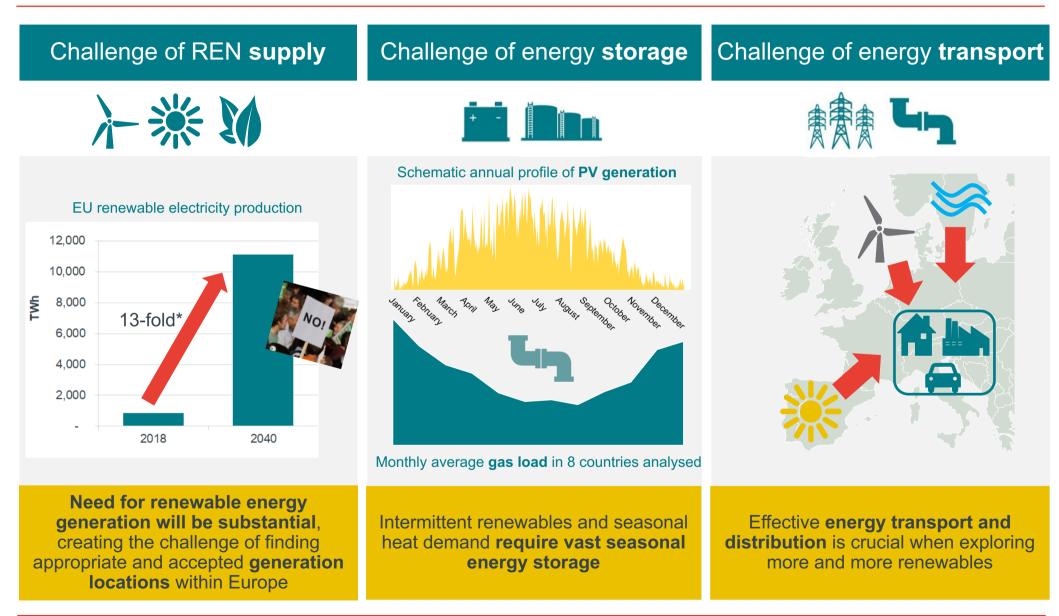


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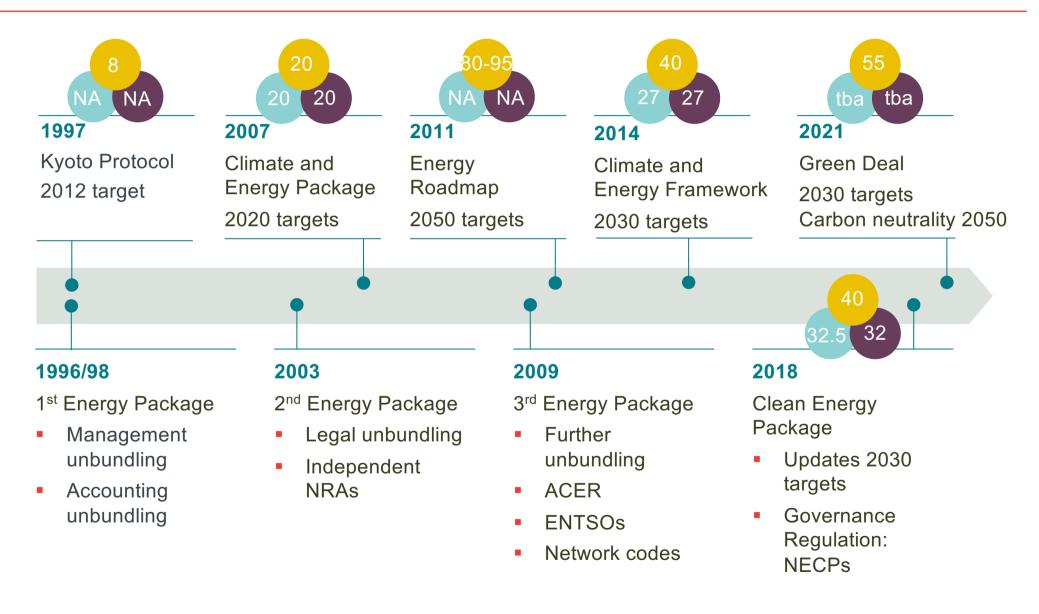
There is no way around hydrogen and other chemical energy carriers to enable a 100% renewable and secure energy supply – for 3 reasons:



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* Assumption: Final energy consumption develops according to IEA – WEO 2019, Stated Policies Scenario, i.e. minus 17% by 2040 compared to 6 2018. All final energy demand which is not yet renewable is produced by renewable electricity (or products derived from that).

Over time, the focus of EU energy policy shifted from market liberalisation towards achieving carbon neutrality by 2050





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