



Gas by design

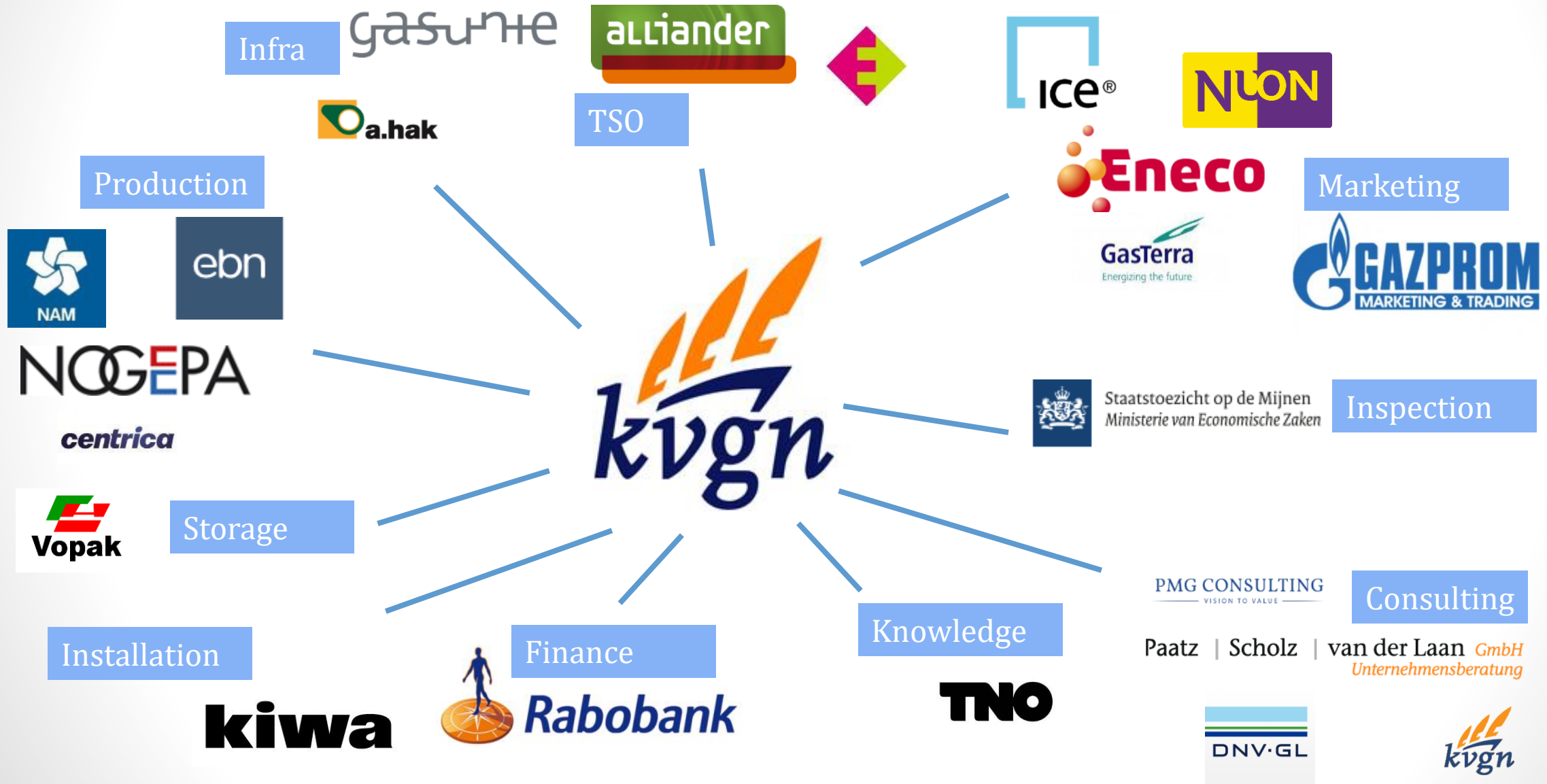
Presentation and discussion hosted by Dutch gas association KVGN

Alex Versteeg & Ewout Pikaar.

Flame, Okura Hotel Amsterdam

May 10th 2017

Who are we?



License to operate under pressure

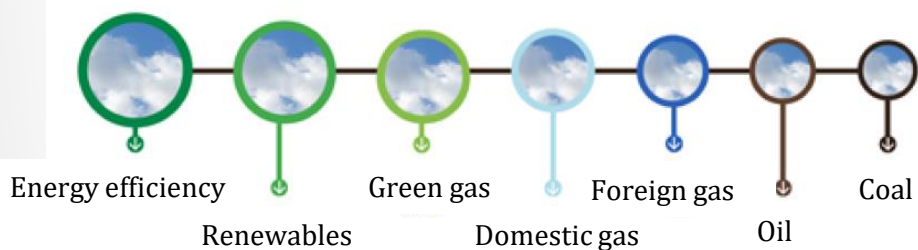


1. Groningen Earthquakes
2. Shale gas imagery
3. Geo-politics
4. 'SER: Energie-akkoord'
5. Paris 2015
6. Ever reducing margins

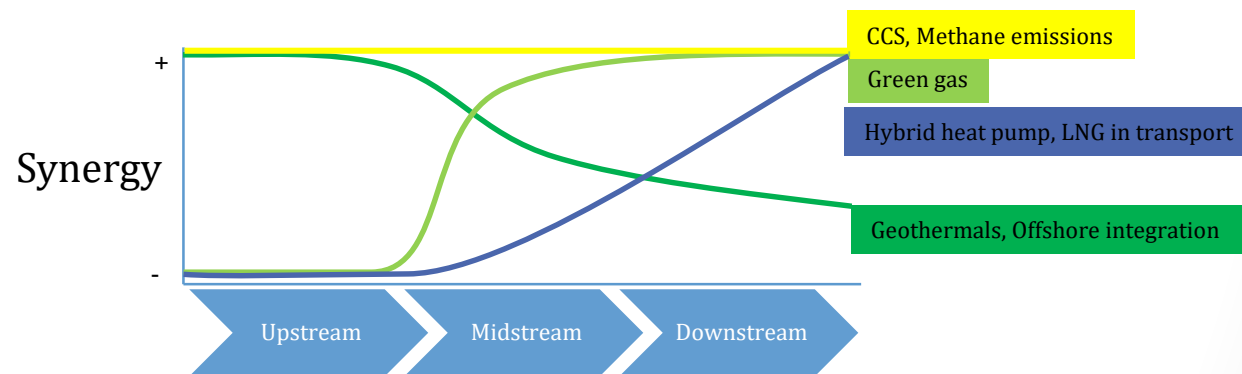
Our proposition: Gas by design



Ladder of 7

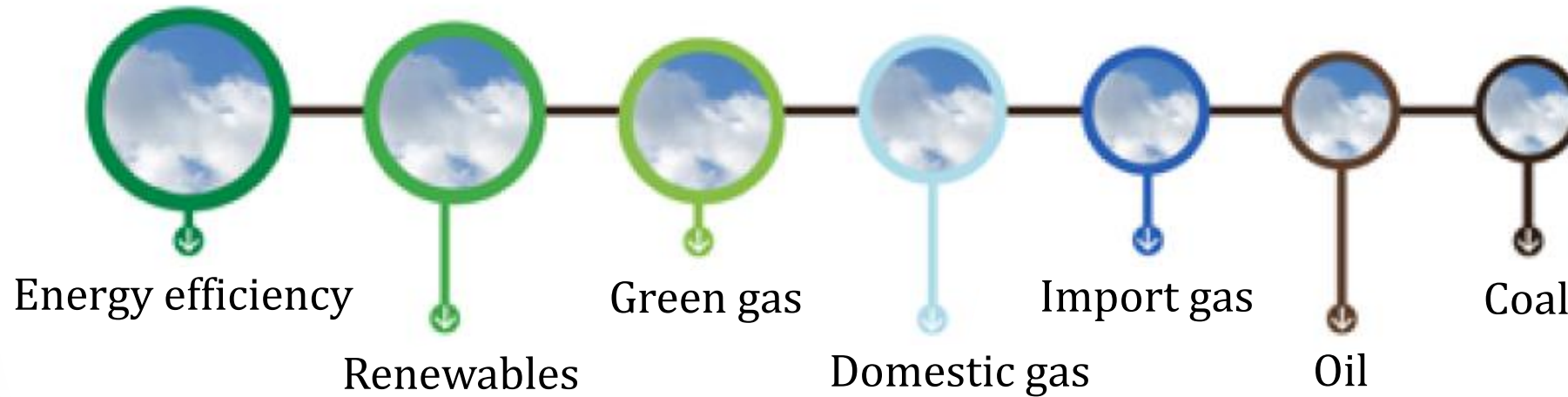


New energy projects



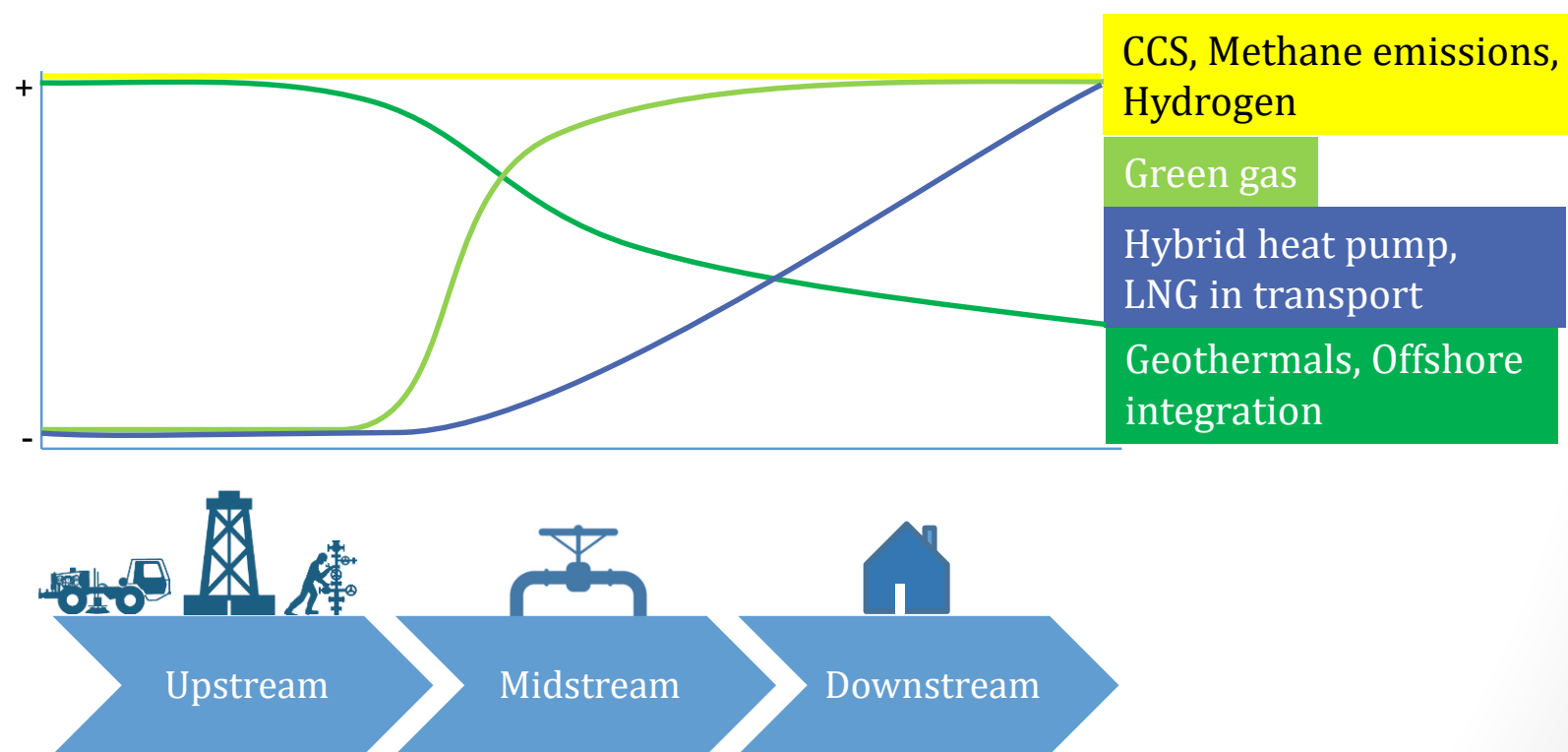
“Natural gas will only be used where there are not yet enough renewable alternatives and where it provides the most value for society and end user.”

Ladder of 7



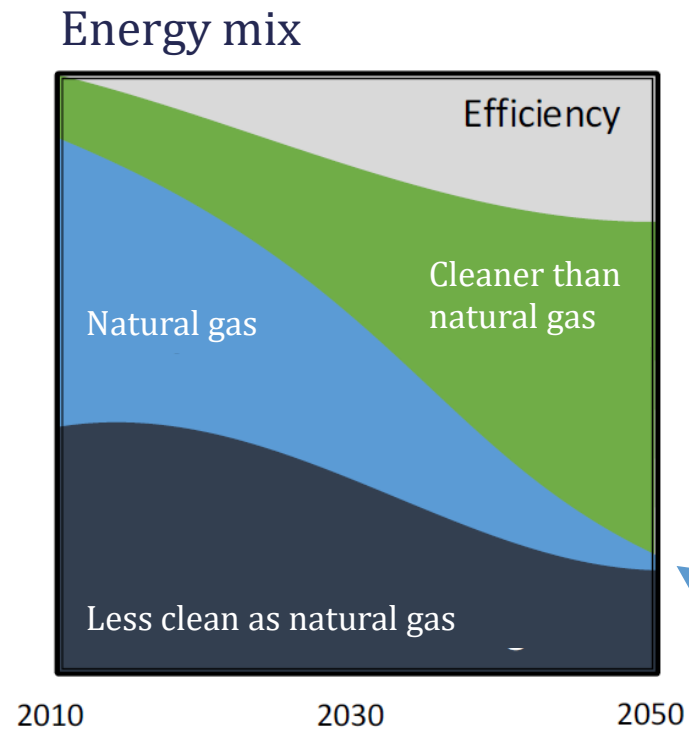
New energy projects

Level of synergy of projects with current activities

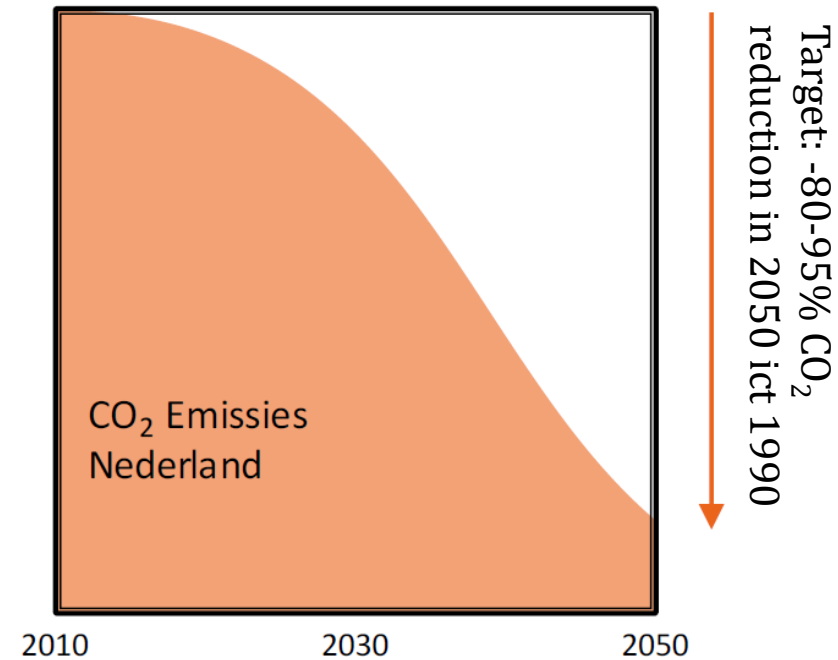


No Gas by design: Doomsценario

Current trend



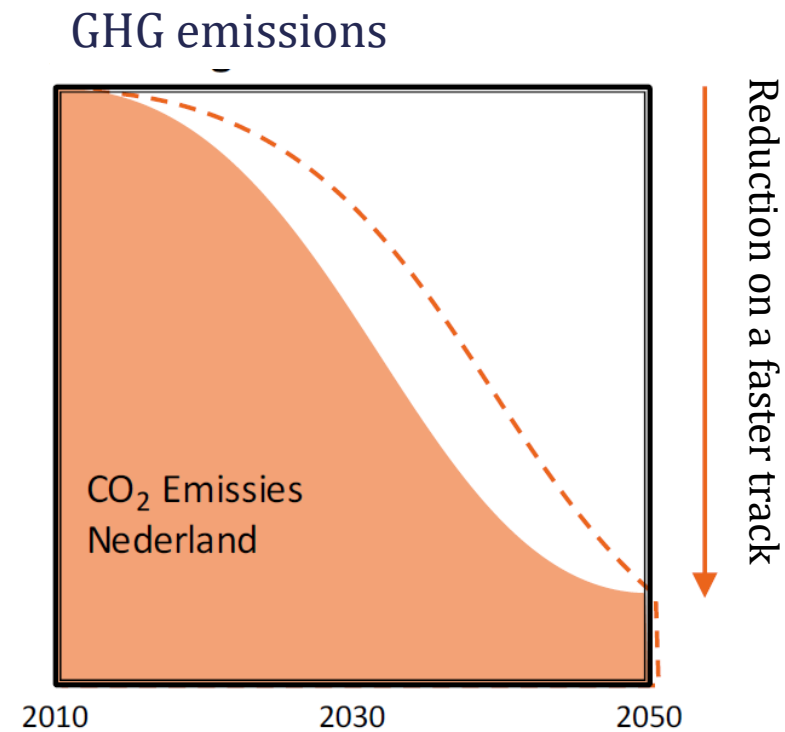
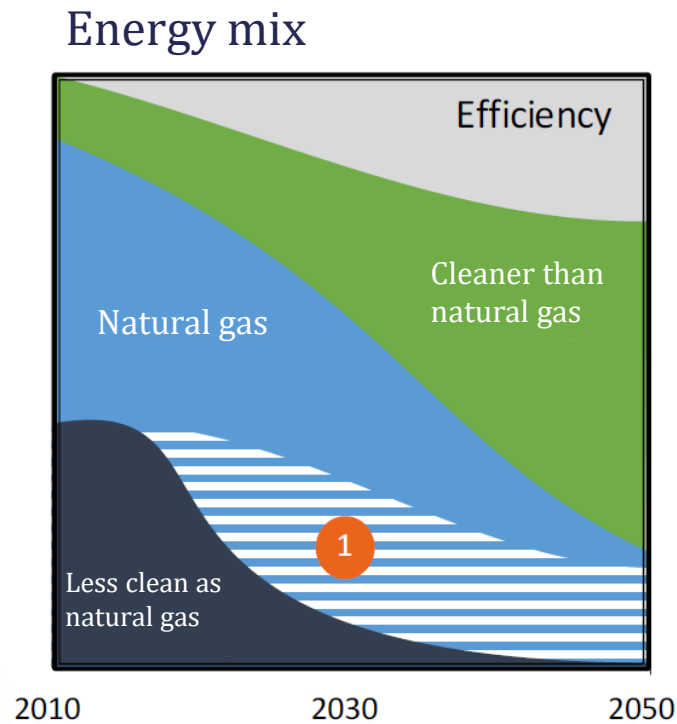
GHG emissions



Source: GILDE

Ladder of 7: Fast track to the 2050 target

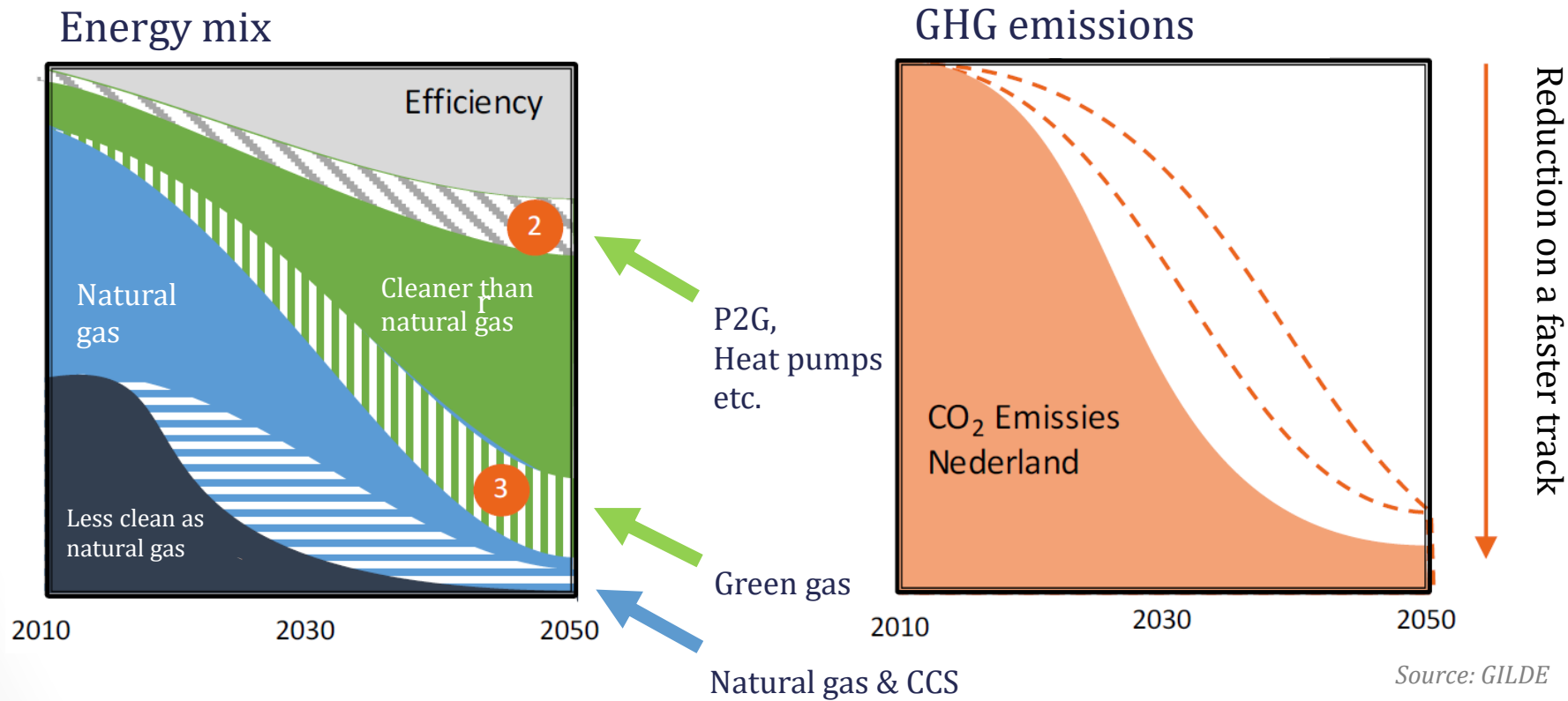
Natural gas as transition fuel



Source: GILDE

Ladder van 7 + GILDE programme

Natural gas as accelerator



Statement #1

“It is a matter of time before other countries face the same challenges as in The Netherlands”

Statement #2

“CCS, Geothermal energy, hydrogen and green/biogas are the future of the gas industry”

Statement #3

“Gas will lose the battle of coal”