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# Fit for 55

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# Goal sector chemistry and life sciences = Reducing GHG emissions while remaining competitive



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### Products contribute GHG reductions in other sectors



Hyper-efficient batteries



Lightweight materials for energy-efficient transport



Essential building blocks for renewable energy




insulation




### Projects to reduce GHG reductions in our own sector



Industrial heat network ECLUSE avoids 100.000 t CO<sub>2</sub> emissions per year



Janssen Pharmaceutica geothermal energy to cut CO<sub>2</sub> emissions by 30%



Antwerp@C aims to halve CO<sub>2</sub> emissions in PoA with CCUS



Dow Seneffe generates its own electricity needs

- Equal ambition needed on international level
- Adequate carbon leakage framework crucial considering the whole value chain and export

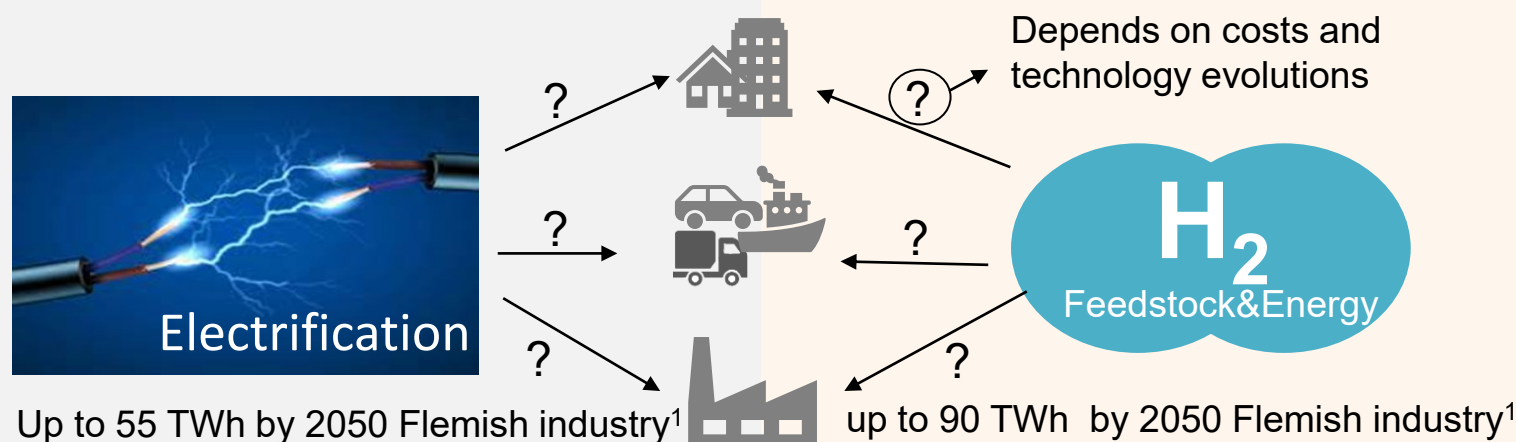
# Supporting policy framework based on technology neutrality and cost-efficiency



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2 technologies/energy carriers with potential to reduce GHG in different sectors



40,2 TWh potential Belgium<sup>2</sup>

## Measures needed in “Fit for 55 package”:

- Equal treatment of low carbon energy/technologies
- Holistic carbon leakage framework (incl. indirect emission compensation, RED,..)
- Competitive electricity and energy prices

H<sub>2</sub>

- Equal treatment of climate friendly produced H<sub>2</sub>
- Import framework

<sup>1</sup>Source: max. scenario's uit “Naar een koolstofcirculaire en CO<sub>2</sub>-arme Vlaamse industrie” – vlaio 2020

<sup>2</sup>Source: Impact assessment EC - Green hydrogen in Europe – A regional assessment, Energy Conversion and Management, 15 January 2021