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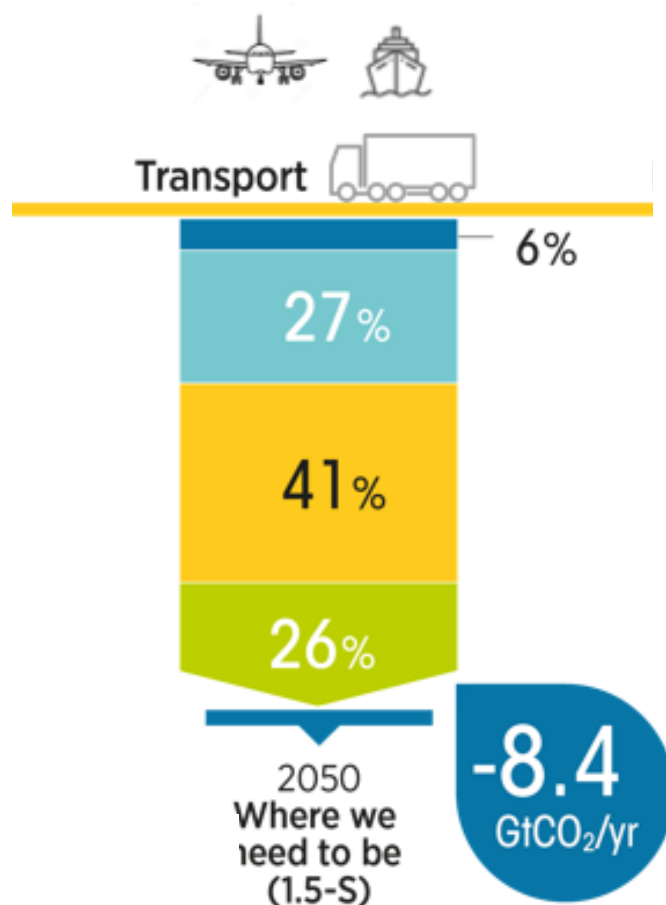
Hydrogen, eFuels and bioFuels offer significant carbon reductions

Transportation and storage of hydrogen and efuels is technically feasible

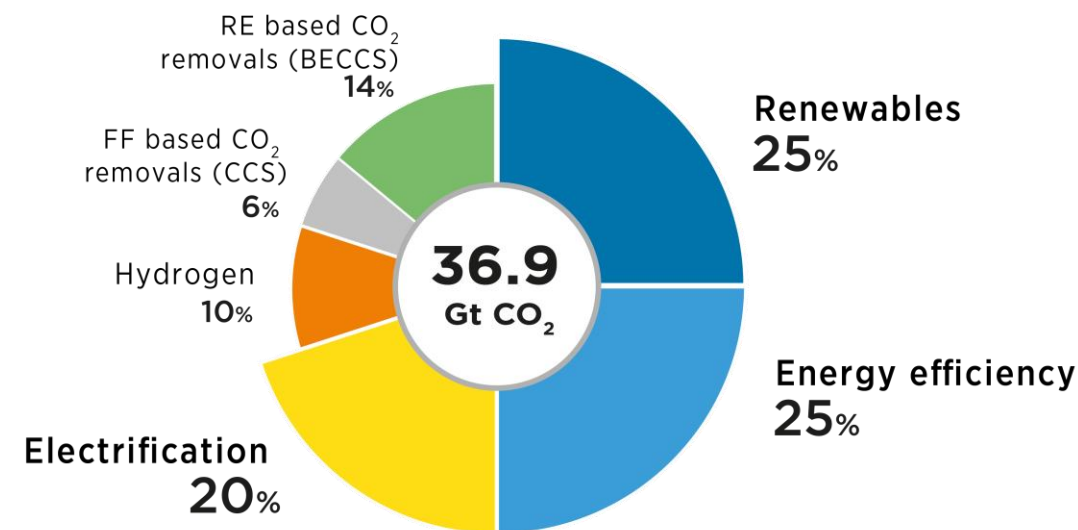
Policy is needed to accelerate uptake of green fuels at airports

Hydrogen plays key role in abating CO₂

- Renewables
- Energy conservation and efficiency
- Electrification in end use sectors (direct)
- Hydrogen and its derivatives
- CCS and CCU industry
- BECCS and other carbon removal measures



Six components of the energy transition strategy, IRENA WETO 2021



Hydrogen can reduce 26% carbon emissions in aviation, shipping & HDV

Hydrogen is technology mature in transportation

Commercial and heavy lifting



Source: Hyster

31,000 FC cars globally



Source: Toyota

Concept of FC plane



Source: Airbus

Tube-trailers H2 gas



Source: BOC

Above ground liquid storage



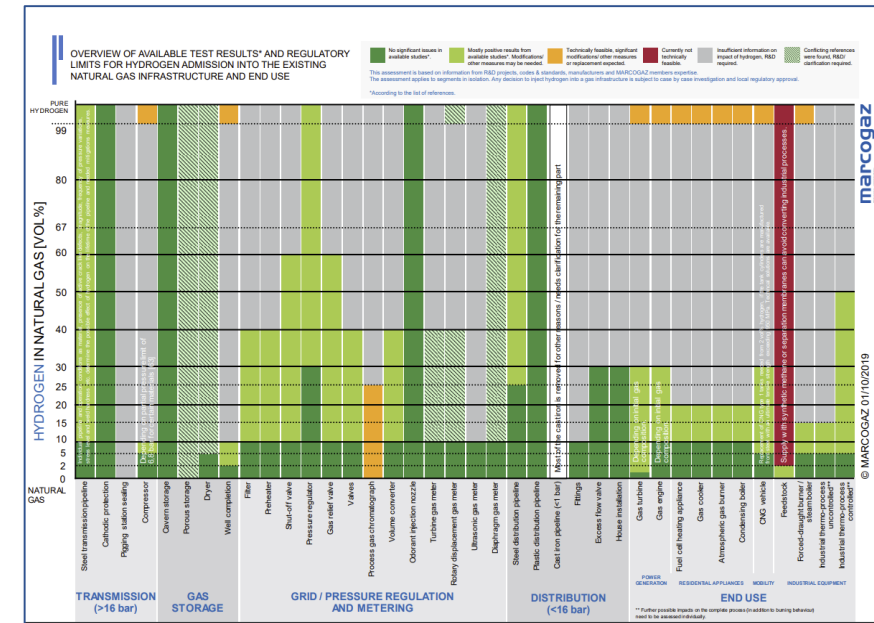
Source: NASA

Liquid hydrogen trucks



Source: Air Products

**H2 can be
added
safely to all
parts of gas
chain**



Develop national H2 strategies that prioritise aviation fuels

Fund R&D for production and delivery of E/bio fuels

Incentivise cost competitive E/bio fuels

Develop and adopt technical and safety standards

Collaborate within global aviation industry such as with ICAO

Collaboration, collaboration, collaboration!



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Thank You

