



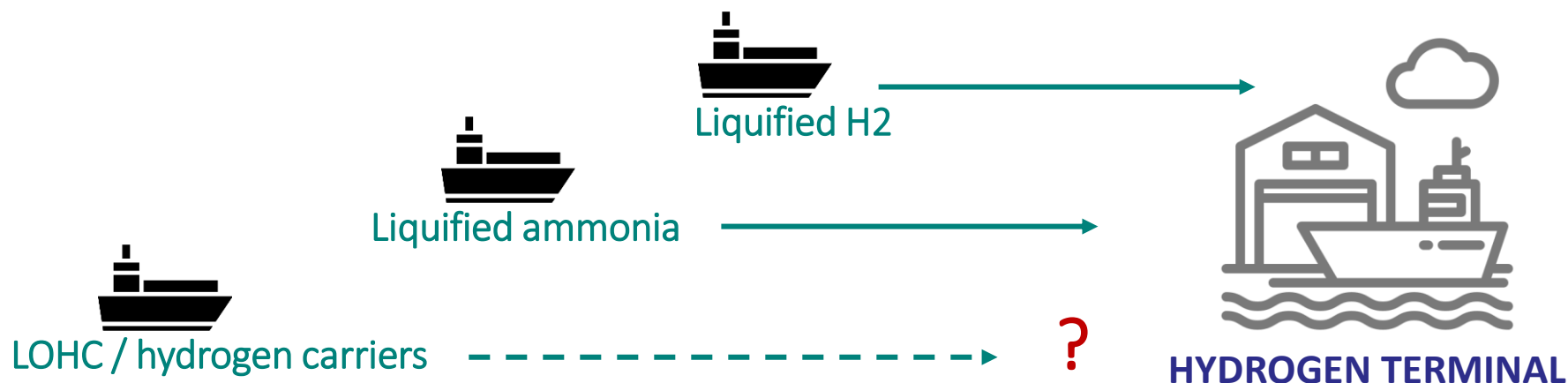
Unlocking of the Hydrogen Package for different technologies

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HYDROGEN INFRASTRUCTURE



THIRD COUNTRIES



Problem:

Hydrogen Package:

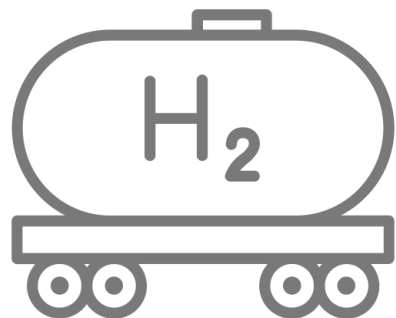
'hydrogen terminal' means an installation used for the transformation of liquid hydrogen or liquid ammonia into gaseous hydrogen for injection into the hydrogen network or the liquefaction of gaseous hydrogen...



Possible solution:

- ✓ Use of hydrogen terminals for any hydrogen carrier

REQUIREMENTS TO QUALITY



HYDROGEN CARRIERS



**H2 of a
high grade
of purity**



HYDROGEN SYSTEM

Problem:

Hydrogen Package:

‘hydrogen system’ means a system of infrastructure, including hydrogen networks, hydrogen storage, and hydrogen terminals, which contains hydrogen of a **high grade of purity**;

‘hydrogen storage facility’ means a facility used for the stocking of hydrogen of **a high grade of purity**: ...



Possible solution:

- ✓ Exclusion of grade of purity requirements for hydrogen carriers

HYDROGEN STORAGE FACILITIES

Hydrogen Package

‘hydrogen storage facility’ means a facility used for the stocking of hydrogen of a **high grade of purity**:

(a) including the part of a hydrogen terminal used for storage

...;

(b) including large, in particular underground, hydrogen storage but excluding smaller, easily replicable smaller hydrogen storage installations;

Problem:

- Possible restrictions for use of hydrogen carriers in hydrogen storage facilities



Possible solution:

- ✓ Exclusion of any restrictions;
- ✓ Definition for „smalle hydrogen storage installation“



Conclusions



- to open hydrogen terminals to hydrogen carriers (including LOHC);
- to exclude application of grade of purity to hydrogen carriers in infrastructure objects; and
- to avoid any restrictions for application of hydrogen carriers for hydrogen storage.