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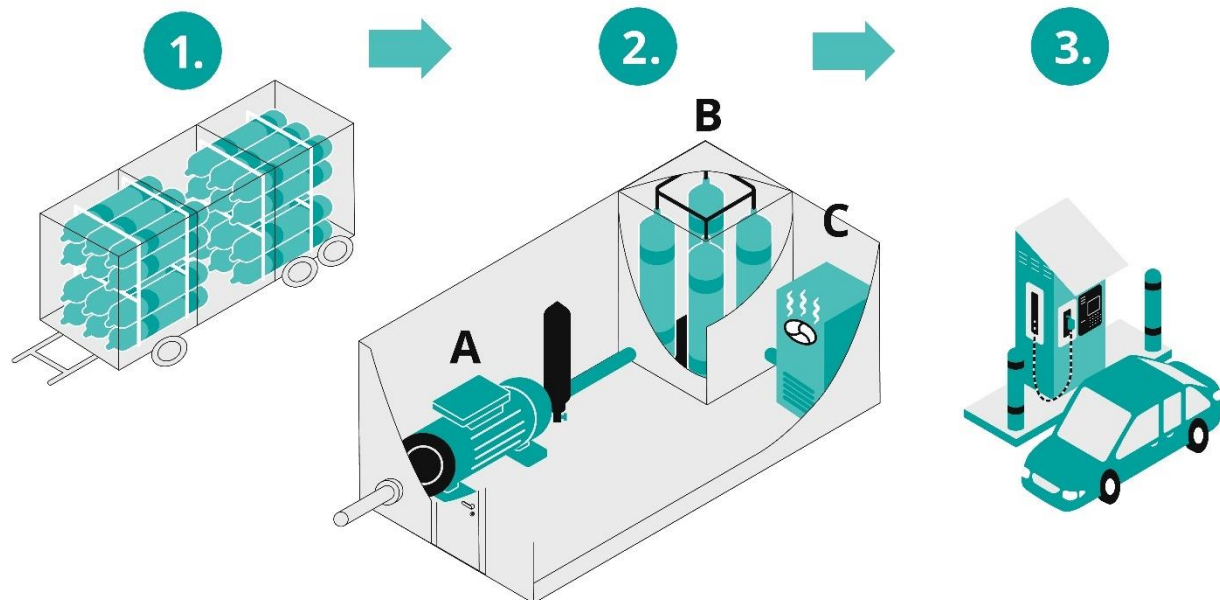
Hydrogen – situation in Finland

The logo for TUKES (Finnish Safety and Chemicals Agency) is displayed in a white, rounded, sans-serif font. The letters are thick and have a slight shadow effect, giving them a three-dimensional appearance. The logo is centered on a teal gradient background that transitions from a lighter shade at the top to a darker shade at the bottom.

tukes

Situation in Finland

- A guidebook for safety in production, using and storing hydrogen is ready
 - The guidebook will be translated in English
- There is a lot of discussions and negotiations about planned production sites
 - So far only two applications for permission



Acute challenges

- No specific legislation for hydrogen
 - Legislation is more aimed for liquid chemicals
- Limit of large scale usage and storing is 2000 kg
 - Most of the refuellingstations small scale
 - Small scale plants are supervised by local rescue departments
- Siting of hydrogen plants
 - Difficulty in defining the scenarios to be assessed
 - Uncertainty in cosequence modelling; type of modelling tool, interpretation of the results
- Hydrogen pipelines
 - Requirements
 - Material, welding etc.

Kiitos!

Ukrainee