NH3 Energy Implementation Conference
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Session 3
Ammonia as a Carrier of Hydrogen Fuel

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1. Right now, the way we get hydrogen primarily is from reforming natural gas. That’s not an ideal source of hydrogen.

2. If it’s for transportation, we don’t have a good storage mechanism yet. Compressed hydrogen is the best mechanism but it requires a large volume. We haven’t figured out how to store it with high density.

3. Now fuel cells aren’t there yet.

4. The distribution infrastructure isn’t there yet.
Ammonia as a carrier of hydrogen fuel

What is in the realm of the possible?

2-5 years

• Barriers
• Challenges
• Hot spots