



Summary Slide

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H₂ Export Workshop
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H₂ Export – initial food for thought



Proposed primary R&D areas for H₂ Export

1. Processing & Conversion (gas phase)
2. Liquefaction (cryogenic or liquid carrier)
3. Storage & Transport
4. Re-gasification

Possible/suggested infrastructure needs for industrial-scale R&D

- Adequate source of H₂ and/or feedstock for H₂.
- Compression to reach necessary high pressure (up to 70 MPa?)
- Separation facilities
- Refrigeration to cryogenic conditions (20 K)
- Storage facilities
- Re-gasification heat exchangers
- Disposal and/or recycle

Supporting infrastructure that ensures operations are intrinsically safe & environmentally compliant

