

Sumitomo Corporation

Ed Willing, CEO Oman Subsidiary

Global Network

Fortune Global 500
Company

People

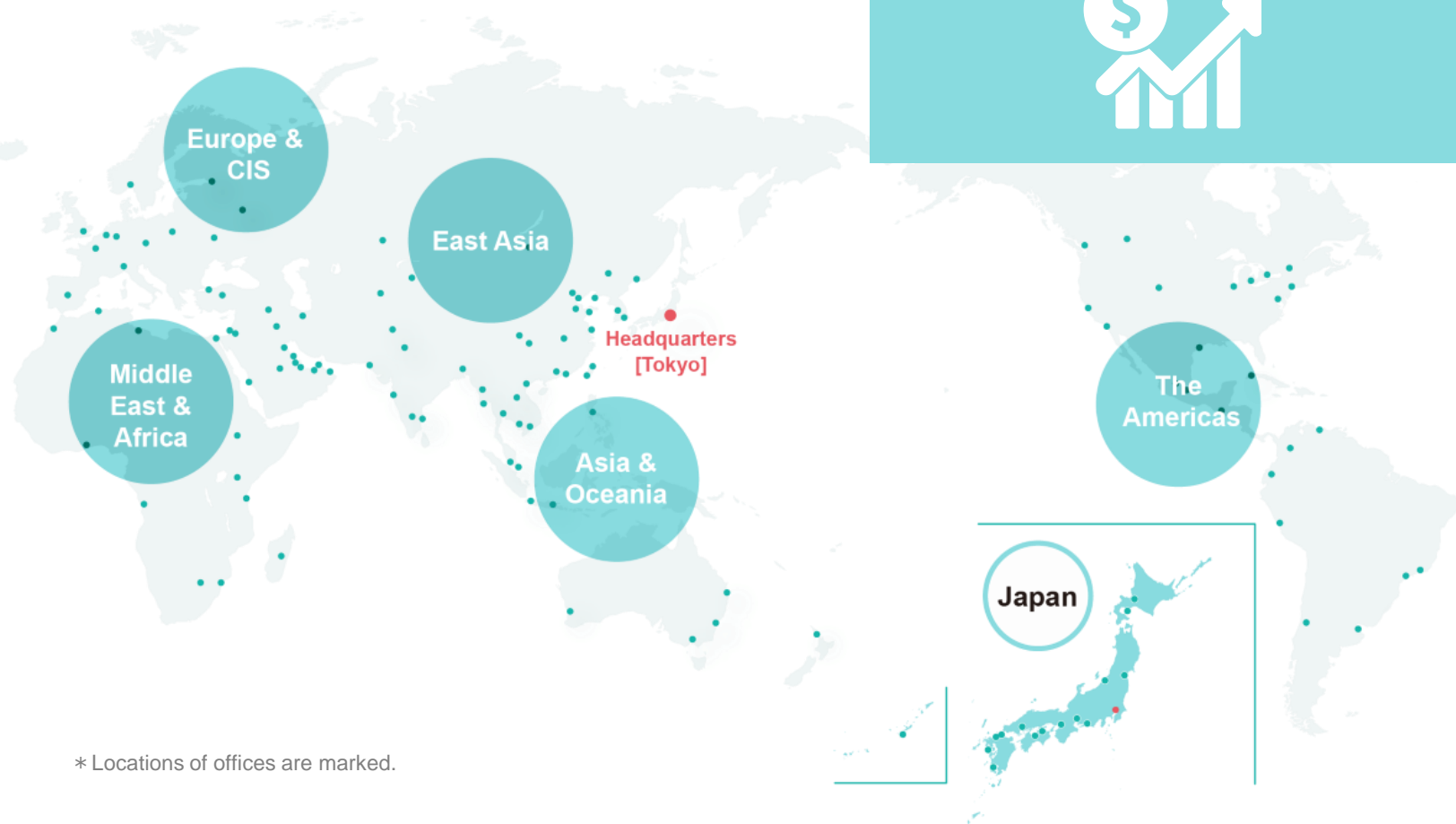
74,000
Employees

Number of Offices

131
locations


Number of Consolidated Subsidiaries


893
companies



Six Business Fields...

1



**Metal Products**

2



**Transportation & Construction Systems**

3



**Infrastructure**

4



**Living Related & Real Estate**

5



**Mineral Resources, Energy, Chemical & Electronics**

6



**Media & Digital**



**Energy Innovation Initiative**



APVentures
ADVANCE & PIONEER

Infrastructure business: Power & Utilities Portfolio – Wind and solar projects highlighted. Many more feasibilities ongoing...



Six Business Fields...Hydrogen & Ammonia (blue & green) as an example



H₂

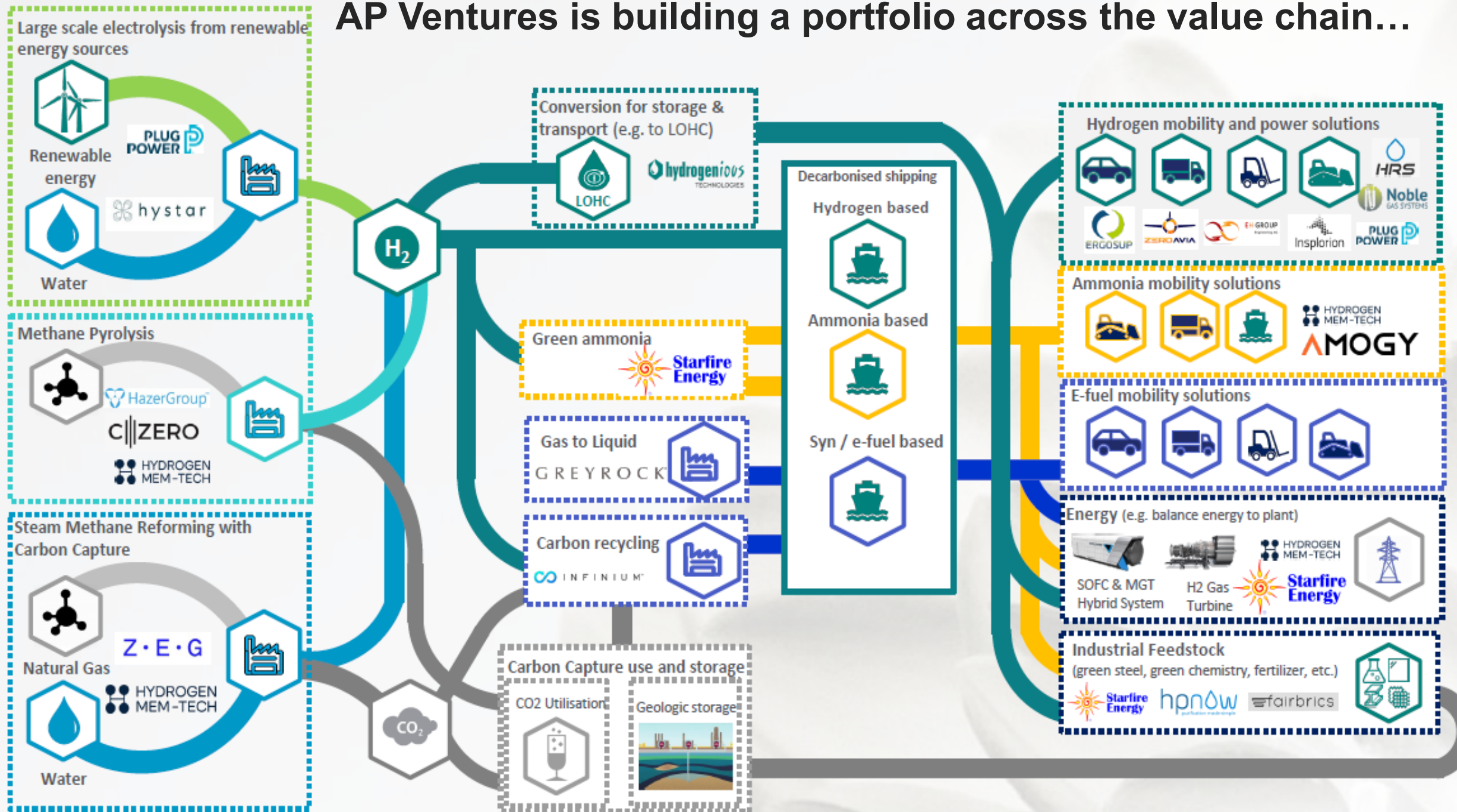
1. **Off taker**: create demand
2. **Equity partner** in the projects and eco-system
3. Introducing new **technologies** through our investments
4. **Financing** arrangement
5. **Trading & supplying** materials

AP Ventures headquarter in London...

Managed venture capital fund which invests in technologies focused on the hydrogen value chain and its role in decarbonizing energy - targeting early stage, rapidly growing companies with a global mandate addressing the UN SDGs.



AP Ventures is building a portfolio across the value chain...



Business Activities in Oman

TRADE

Exports from Oman

- Crude Oil
- Plastic sheets

Imports to Oman

Metal Products

- Tubular Products
- Steel Sheets



Foods

- Tomato Paste, Corn Oil



Chemicals

- Plastic Resin
- Pesticide, Agro-Chemicals



The Others

- Carbon Products

● SCTSO

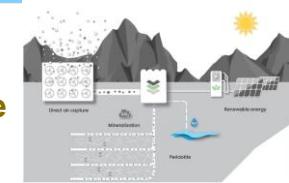
(Sumitomo Corporation Tubular Solution Oman) :

Oil & Gas business > expanding
into energy transition



● 44.01

CO2 Mineralization into Peridotite
rock



● MCDC (Muscat City Desalination Company) :

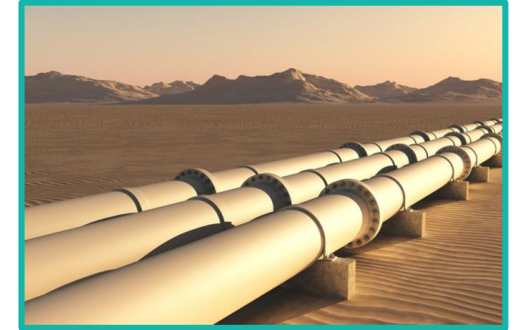
IWP Project Company, BOO
< Al Ghubrah Project >



● Gulf Acrylic

Acrylic sheet manufacturing company

JIP to validate legacy pipelines for hydrogen service



Background



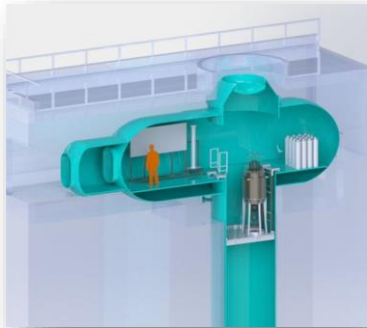
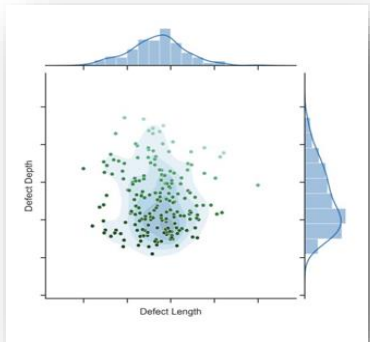
Existing pipeline networks require assessing and validating for H₂ transport suitability

- Large portion of existing natural gas network could be repurposed for hydrogen transport?
- Several small-scale studies are ongoing but limited work to look at H₂ impact on full-scale pipelines

JIP Scope

JIP program established by Sumitomo Corporation and C-FER to understand the impact of H₂ on legacy pipelines

- Develop recommended practices for industry stakeholders to enable validation of legacy pipelines for H₂ transport
- Develop tools to help estimate the reliability of legacy pipeline performance in H₂ service

Phase 1 Legacy Pipeline Data Analysis	Phase 2 Small-Scale Testing in H ₂	Phase 3 Full-Scale Testing in H ₂	Phase 4 Develop Reliability Model
			

C-FER
Technologies



 Sumitomo Corporation

An underwater photograph of a coral reef, showing various types of coral and the clear blue water. The text is overlaid on this background.

Blue Transformation (BX)

by Blue Carbon & Blue Circular Economy

Sumitomo *X-to-Reef*

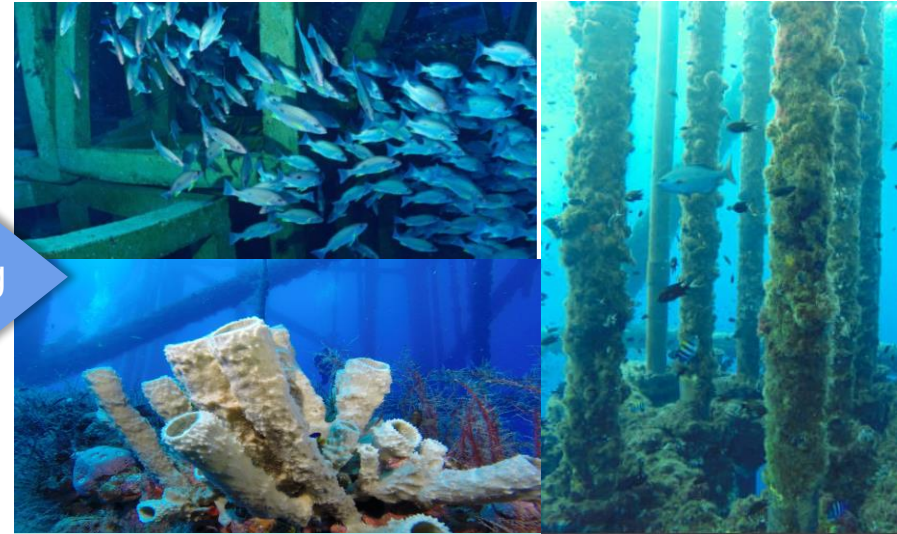
Proposal of small-start project “Scrap Tubular-to-Reef”



Scrap Products



+ Japanese
artificial reefing
technology



Artificial reefs

Benefits = eco-system services...

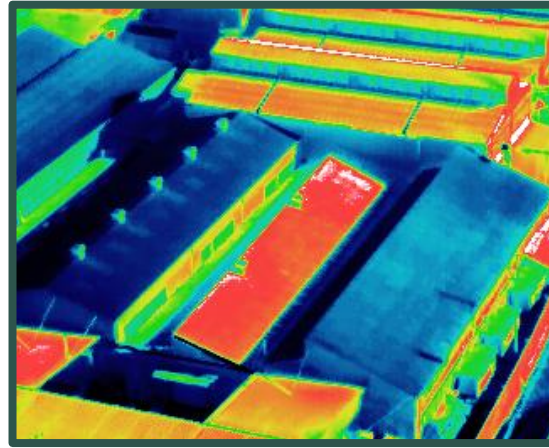
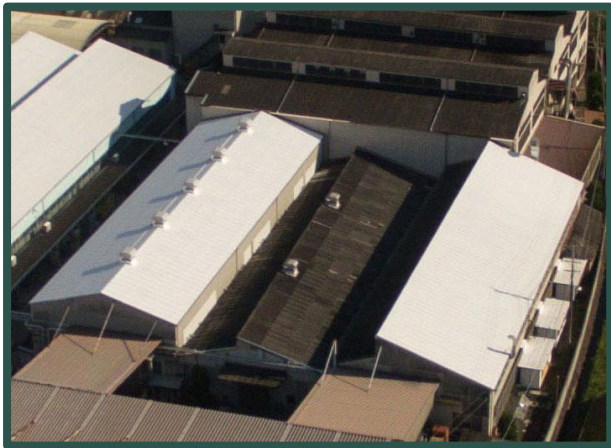
- Commercial fish & tourism
- CO2 removal & blue carbon credits (eg \$100/tonne).
- ICV & blue circular economy.

Solar heat blocking paint reducing surface temp by 13 °C ++

...bringing benefits such as energy saving, improved durability & life extension, greater comfort and climate change resilience

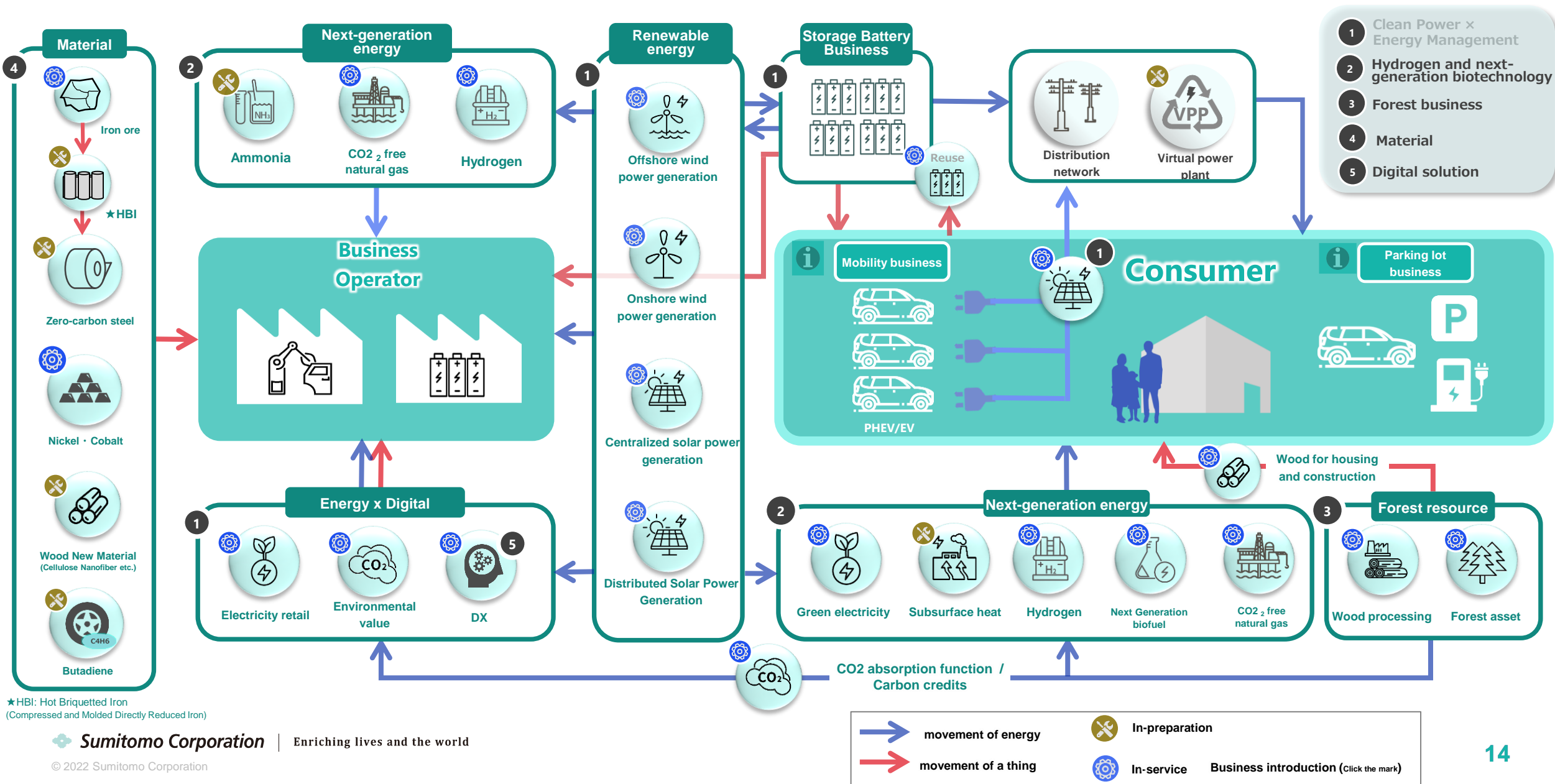


is a coating used for the walls and roofs of buildings. It is suitable for many types of surfaces like concrete, steel, irrigation & fuel tanks, methanol & ethanol tanks, etc...



Thank you

Business Activities in the Energy Transition



★ HBI: Hot Briquetted Iron
(Compressed and Molded Directly Reduced Iron)