



MCDERMOTT OVERVIEW

Sustainable Solutions Across the Energy Value Chain, Prague | June 6, 2022

MCDERMOTT

CAPABILITIES



TECHNOLOGY LICENSING

A strategic agreement with Lummus Technology provides our customers with technology solutions throughout the entire plant life cycle.



ENGINEERING

Our digital-centric approach transforms how we work together and the tools we use to increase efficiency and productivity and deliver sustainable solutions for our customers.



PROCUREMENT

Employees at our offices around the world efficiently locate, evaluate, purchase and arrange for the transport of materials and services to any project site.



FABRICATION

Our local fabrication facilities adhere to the same international set of standards, regardless of geography or location.



CONSTRUCTION

Specializing in both field and modular construction, we construct our projects using consistent tools, systems and standards to safely deliver superior results even in the most challenging environments.



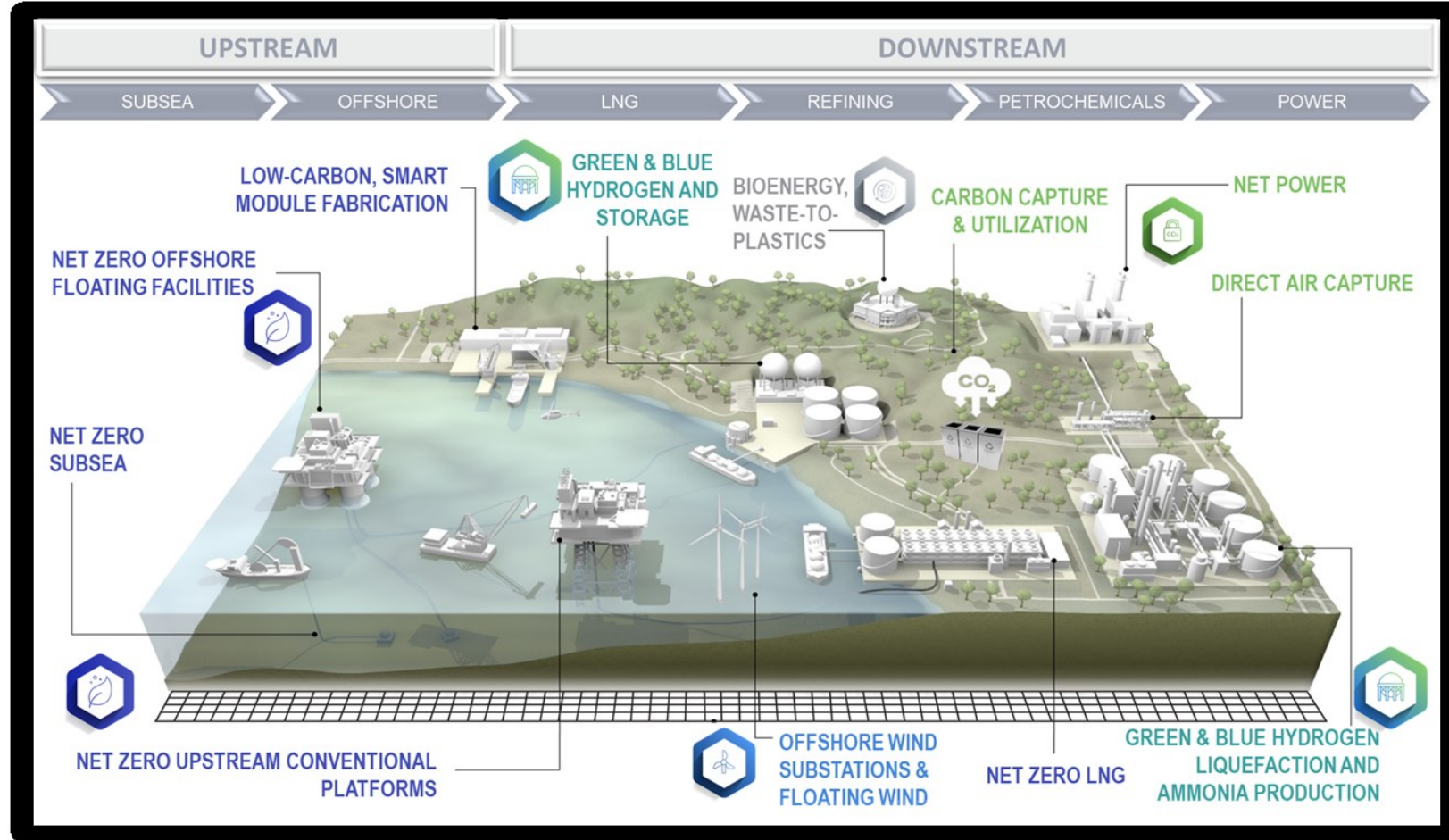
INSTALLATION

Performing onshore and offshore, subsea and above-surface installation, our ability to mobilize personnel and vessels safely, optimizes productivity and mitigates risks across operations and projects.

GLOBAL FOOTPRINT, LOCAL PRESENCE EXTENSIVE EXPERIENCE



SUSTAINABLE SOLUTIONS ACROSS THE ENERGY VALUE CHAIN



BRNO, CZECH REPUBLIC

- Capacity of > 500,000 engineering man-hours per year
- One of the core centers for Energy Transition, Oil and Gas, Refining, Petrochemicals and Polymer projects
- Over the last 50 years have executed more than 230 projects in over 40 countries
- Established in 1951



Products Offered

- Refineries
- Petrochemical Complexes
- Polymer projects
- Gas Processing and Storage
- Sustainable Engineering
- Circular Economy

Services Offered

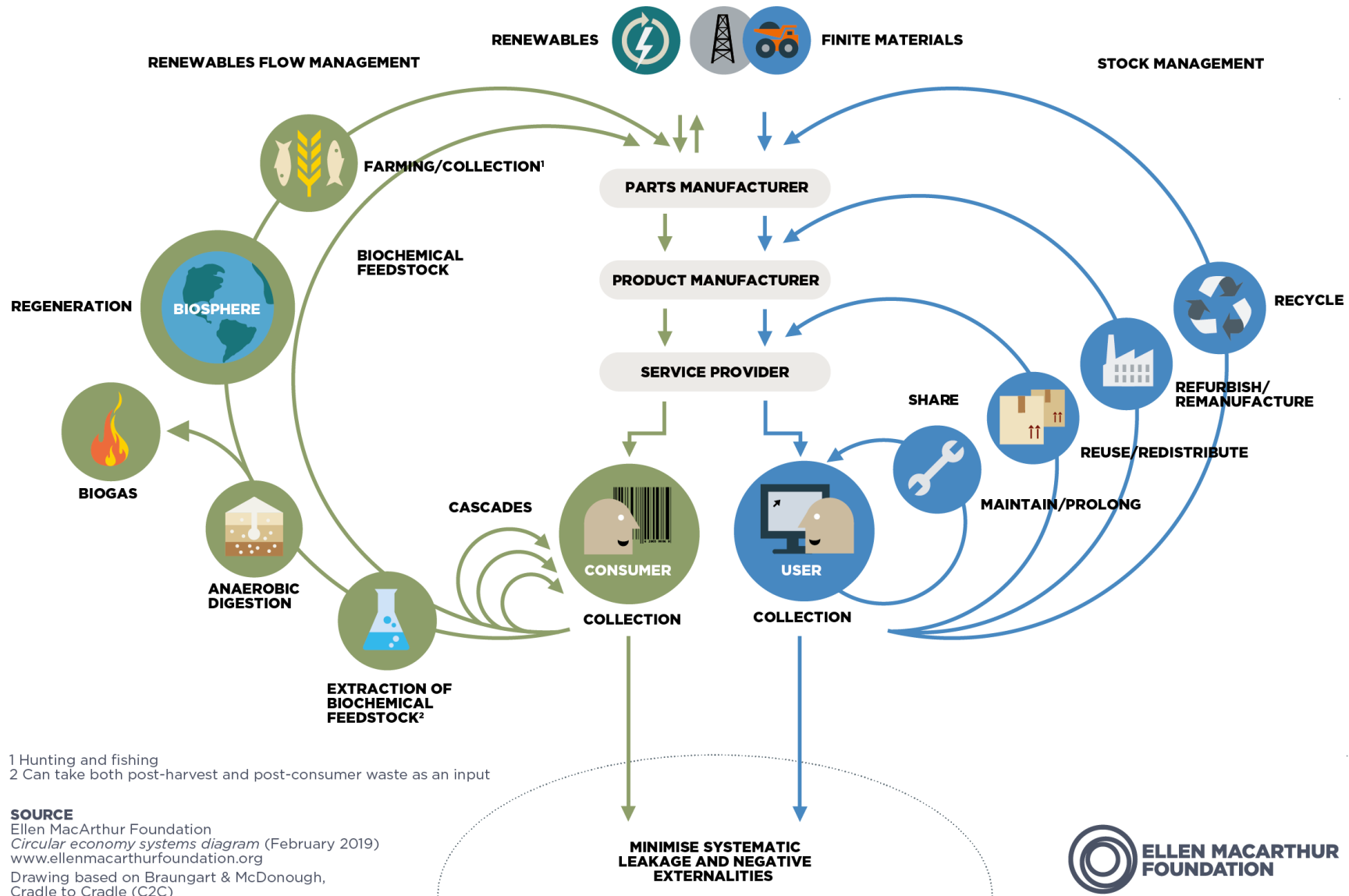
- Study
- Basic Engineering
- Pre-FEED/FEED
- Detailed Engineering
- Supply Chain Management (Procurement & Subcontracting)
- Construction Management
- EPC



REFERENCES

Projects in the Energy Transition Sector

CIRCULAR ECONOMY - EVERYTHING IS CONNECTED



WASTE TIRE RECYCLING PROJECT - CONFIDENTIAL

- Client: Michelin Group
- Location: Confidential
- Scope of Project: Green Field Waste Tire Recycling Plant (ISBL+OSBL)
- Scope of Work: Front End Engineering Design
- Contract Type: LS
- Time Schedule: Start 07/2021
Completion 04/2022



PLASTIC RECYCLING PROJECT - CONFIDENTIAL

- Client: Michelin Group
- Location: Confidential
- Scope of Project: Production of Regenerated Styrene Monomer from Waste Polystyrene
- Scope of Work: Front End Engineering Design
- Contract Type: LS
- Time Schedule: Start 02/2021
Completion 11/2021
- Post FEED services on Reimbursable basis 01-03/2022



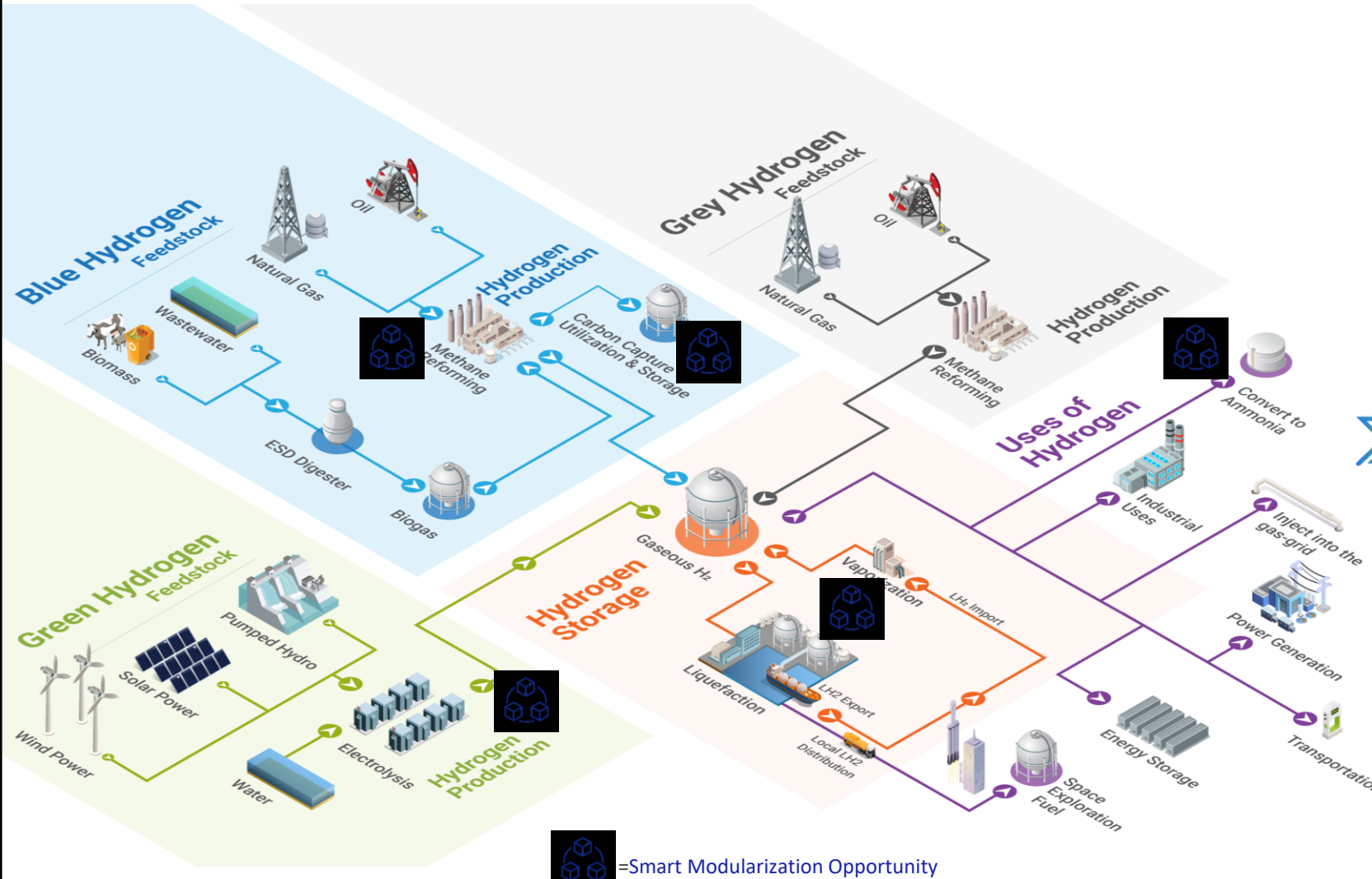
BIOSURFACTANTS PROJECT - CONFIDENTIAL

- Client: Confidential
- Location: Slovakia
- Scope of Project: Production of Rhamnolipids
- Scope of Work: EPCM services
- Contract Type: LS HO Services and CM Reimbursable
- Time Schedule:

Start	09/2021
Completion	05/2023



HYDROGEN - INTEGRATED DELIVERY AT SCALE FROM CONCEPT TO COMPLETION



PRODUCTION

- 200+ hydrogen and syngas plants globally
- Reforming tech know-how (SMR/ATR)
- 200+ projects in CO2 separation and capture
- Renewable and electrolysis integration
- Partnering with best-in-class electrolysis OEMs
- Multiple projects in execution (from MW- GW)
- H2@Scale demos, H2Hubs Globally

LIQUEFACTION

- 50+ years in cryogenic liquefaction

STORAGE

- 50+ years and 100+ storage projects
- Leader in Liquefied Hydrogen (LH2) storage
- High-volume storage (100,000m3 tanks)

CONVERSION & TRANSPORTATION

- Technology partnerships
- Leaders in Ammonia storage and export facilities

R&D & Innovation

- Large-scale (1 GW) modularized delivery
- H2 liquefaction and LH2 Storage at Scale
- Design for standard CO2 compression modules
- Development of a standard CO2 Capture module

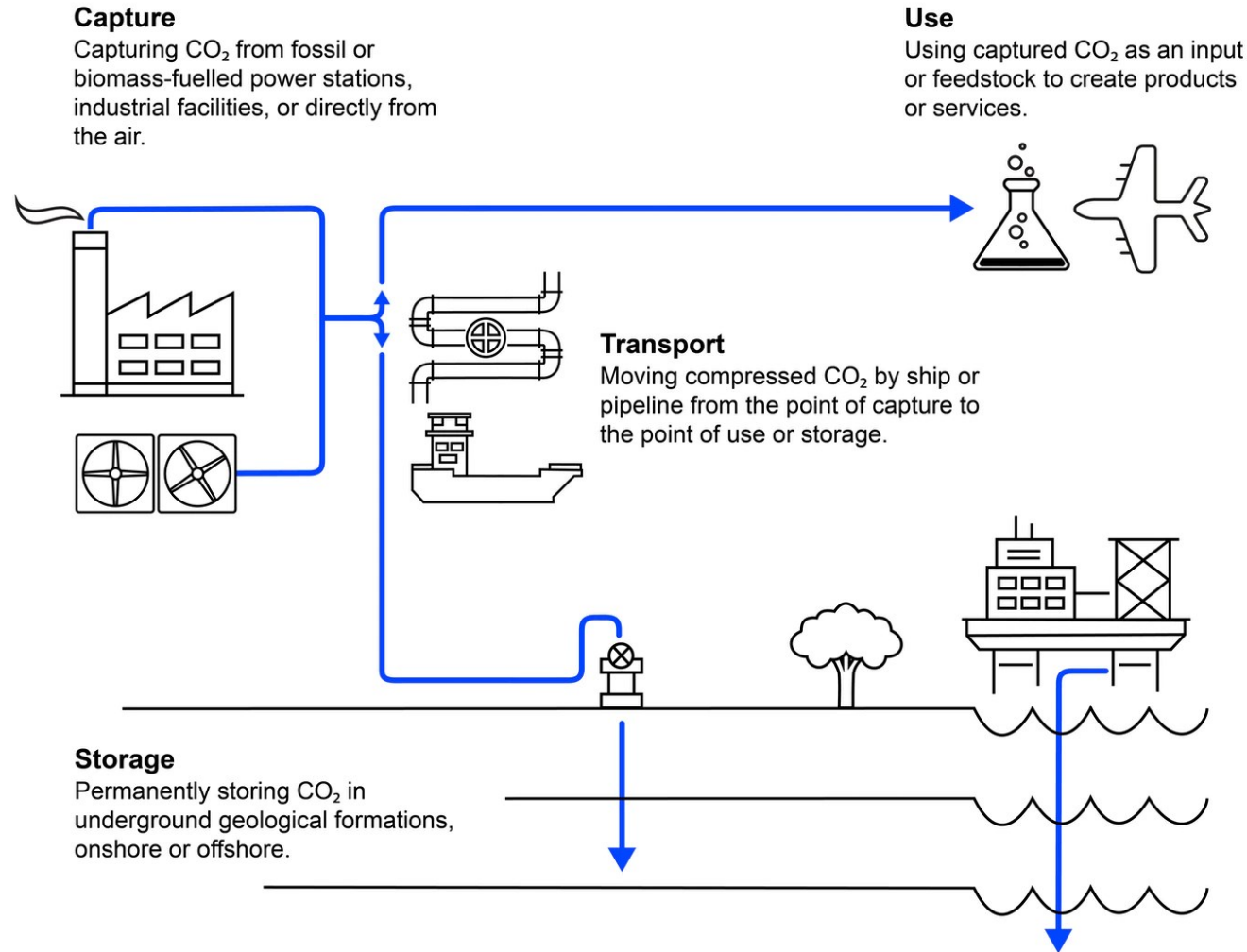
GREEN HYDROGEN 100MW PLANT- CONFIDENTIAL

- Client: Confidential
- Location: Egypt
- Scope of Project: 100 MW PEM electrolyzer facility (first phase) providing H₂ for Ammonia production
- Scope of Work: EP services for The Hague office
- Contract Type: Reimbursable
- Time Schedule:

Start	12/2021
Completion	03/2023



CARBON CAPTURE, UTILISATION AND STORAGE OVERVIEW



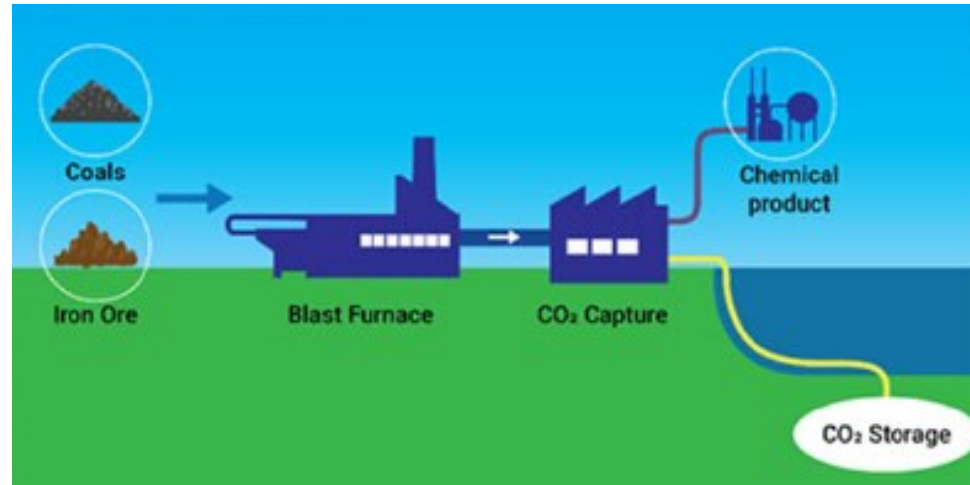
Source: IEA

Carbon Capture provides an immediate solution for decarbonisation

CARBON CAPTURE AND UTILIZATION - CONFIDENTIAL

- Client: Tata Steel B.V.
- Location: IJmuiden, The Netherlands
- Scope of Project: Carbon Capture and Utilization unit
- Scope of Work: Pre-FEED Services for The Hague office
- Contract Type: Reimbursable
- Time Schedule:

Start	11/2020
Completion	05/2021



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FOR THE
NOW  *AND THE*
NEXT

Building the Energy Transition