



18 - 20 NOV 2025



La cogeneración y la industria: Descarbonización y servicios a la red

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2024 highlights

PERFORMANCE

\$28.2B

in orders

47%

increase in adjusted EPS*

22%

increase in
adjusted EBITDA*

\$2.26B**

in free cash flow*

\$1.3B

free cash flow returned
to shareholders

TECHNOLOGY AND INNOVATION

\$643M

in research and
development

>1,600

patents granted
worldwide in 2024

\$1.3B

in new energy orders

ESG LEADERSHIP

AA

ESG rating by MSCI

28.3%

reduction in Scope 1 & 2
GHG emissions***

206

HSE perfect days

ABOUT BAKER HUGHES

~57,000

employees

\$27.8B

in revenue

120+

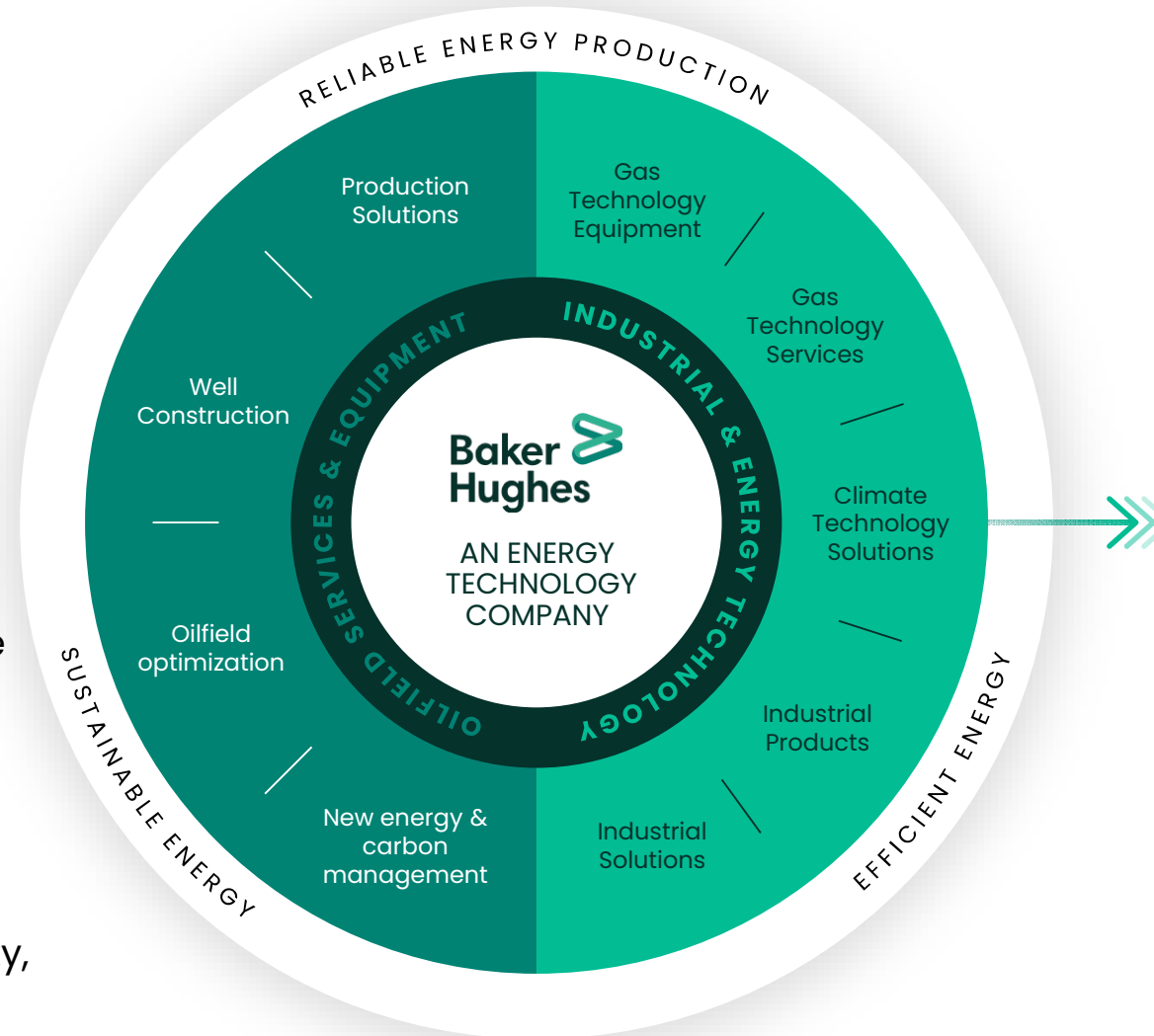
countries where we
conduct business

OFSE & IET

Bringing
better visions
of energy
to life.

In pursuit of our purpose, we've built a business that can drive the next era of the energy transition.

Alongside Oilfield Services & Equipment (OFSE), **Industrial & Energy Technology (IET)** resolves the critical task of the energy transition: bringing energy security, sustainability, productivity, and efficiency together.



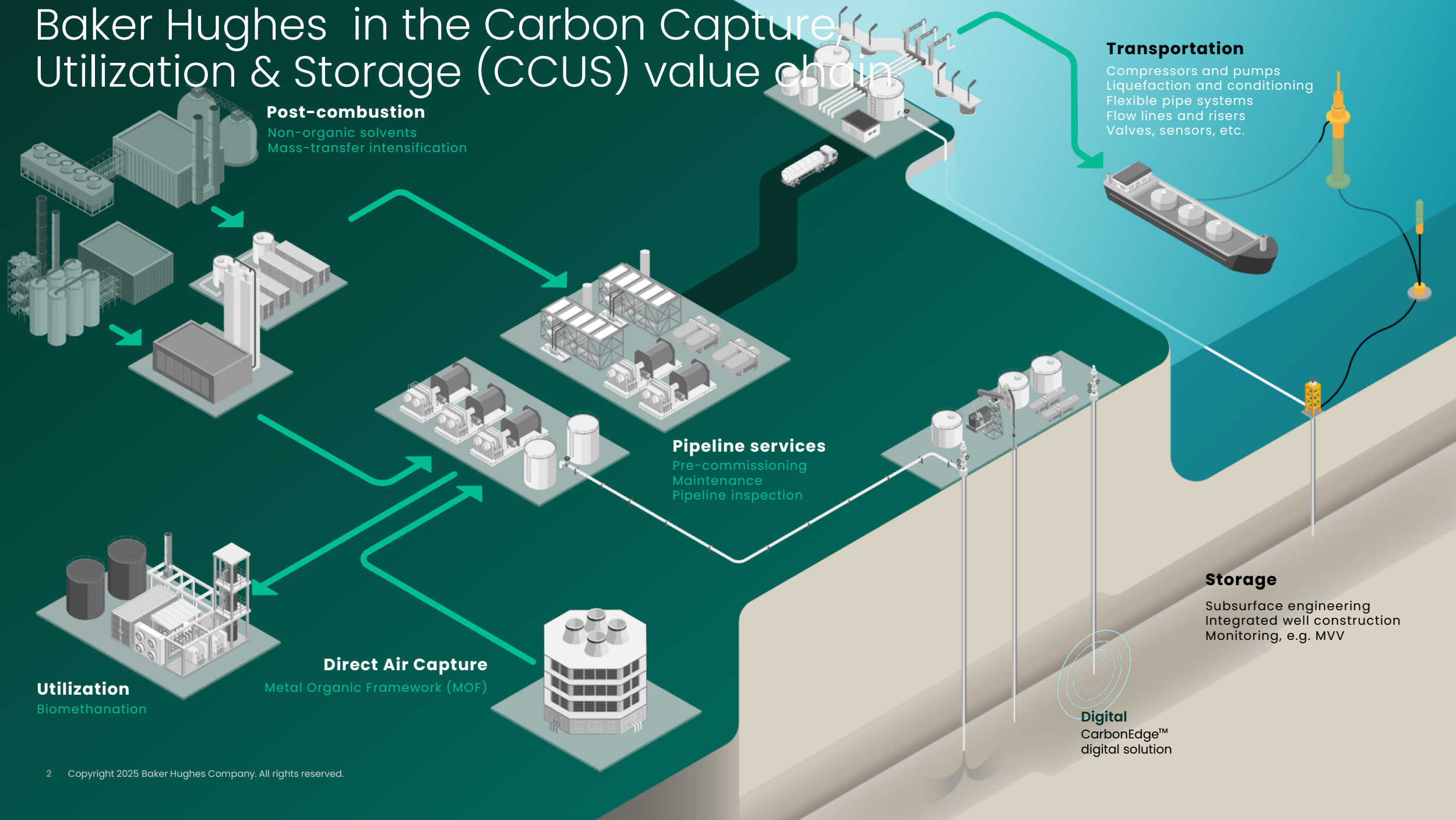
We deploy solutions
to the world's greatest
energy challenges

Global energy security

Climate change

Industrial efficiency
and productivity

Baker Hughes in the Carbon Capture, Utilization & Storage (CCUS) value chain



CCUS challenges

CCUS is an infrastructure requiring multiple challenges to be addressed along all project phases.



Investment & operational costs

Equipment, energy consumption, and maintenance requirements require additional investments.



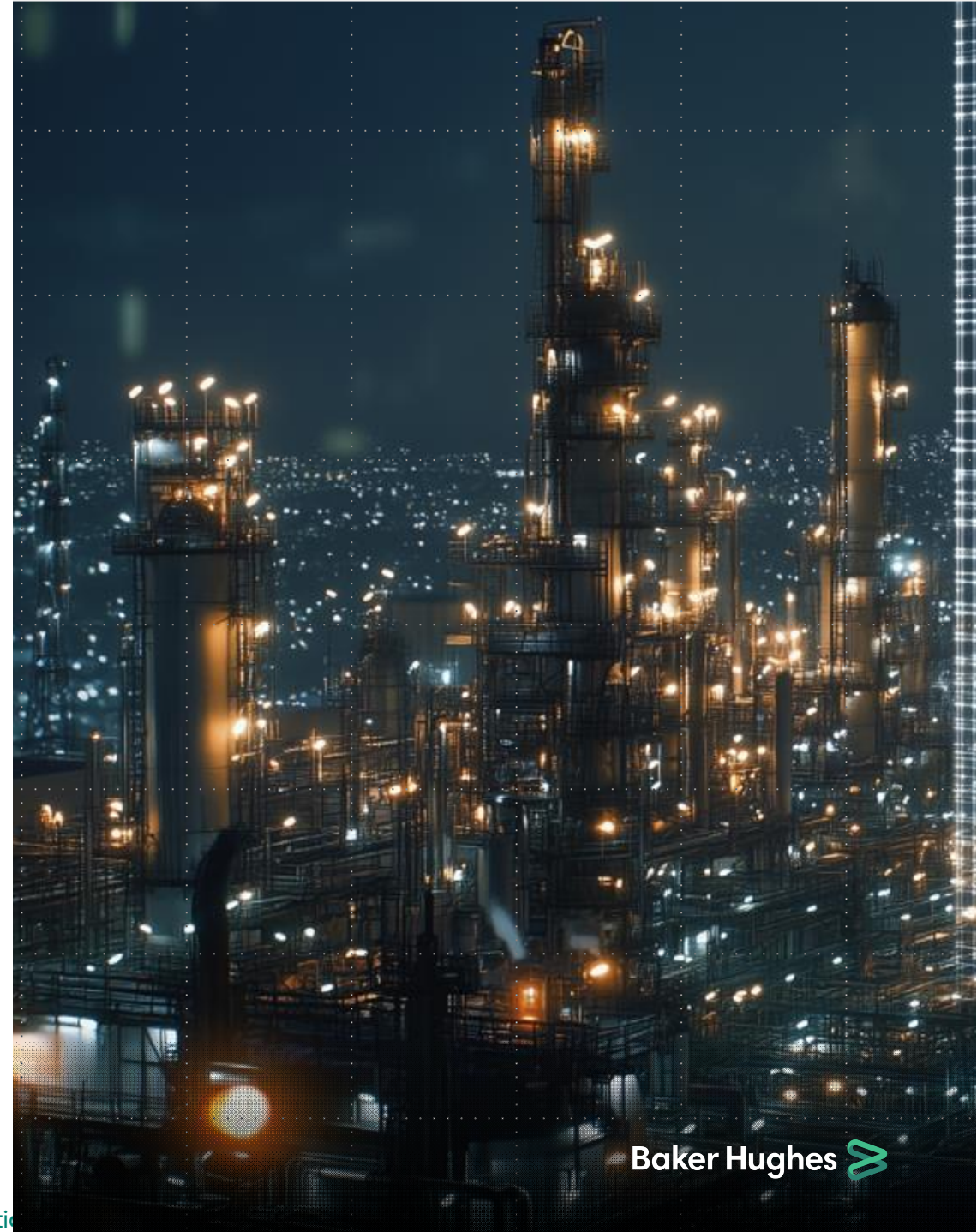
Infrastructure and technology gaps

Limited infrastructure and technological uncertainties hinder the expansion and reliability of CCUS systems.



Regulatory and public concerns

Regulatory hurdles, public perception, and long-term storage safety are challenges for successful deployment.



CCUS strategic planning and advisory services

Effective project planning demands a clearly established design foundation and a thorough understanding of the necessary infrastructure, coupled with expert risk assessment.



Joint venture between Baker Hughes and McDermott to perform early front-end engineering work.

Integrated CCUS project planning, conceptual design, techno-economic analysis, feasibility and Pre-FEED studies.



Integrated function within Baker Hughes providing expert advice from high-level strategy to ground-level execution with a global footprint.

Provides CO₂ storage assessment, techno-commercial due diligence for energy transition projects and CCUS regulatory/policy advisory services.

Baker Hughes Clean Power Solutions

Zero Carbon Power Generation



- NET Power
- H₂ / NG Nova LT turbine
- Geothermal (ORG & STG)
- STG and sCO₂ for SMRs

Energy efficiency & Electrification



- Cogeneration includes CHP, Combined Cycles, and Trigeneration
- Industrial and district Heat Pumps

Energy Storage



- Compressed Air Energy Storage (CAES)
- Liquid Air Energy Storage (LAES)

Integration & Energy management



- Synchronous Condensers
- Energy management system
- Digitally augmented technology solutions
- Microgrids with Nova LT

Enable net-zero targets through clean, efficient and integrated power generation by building a leading portfolio of low-to-no-carbon, resilient, flexible and digitally augmented technology solutions

NovaLT™16 Gas Turbine burning up to 100% hydrogen

MECHANICAL DRIVE

17.2 MW 37,7% efficiency

POWERGEN SIMPLE CYCLE

16.7 MWe 36,6% elect. efficiency

COMBINED CYCLE

22.0 MWe
48% El. Efficiency

COGENERATION

3ltph Steam
80% CHP Efficiency

MAINTENANCE

35 khr – 70 khr
(1250–2500 starts) Fast Engine swap

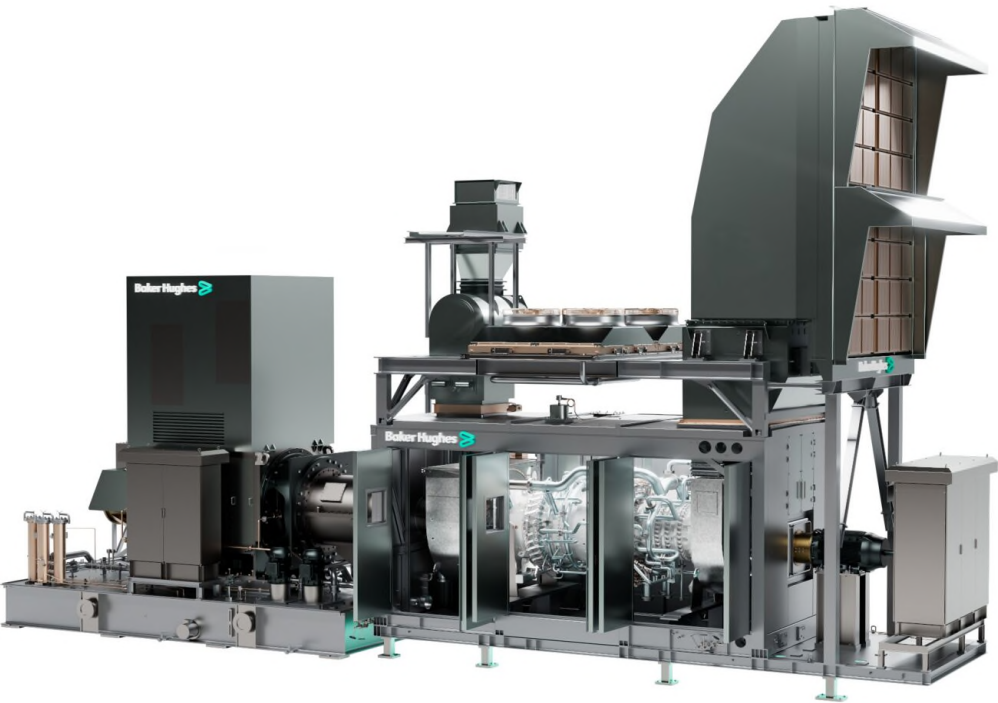
EMISSIONS burning 100% H₂

NO_x <25 ppm with SCR
15 ppm full DLN (2026) **CO₂** 0

EMISSIONS burning Natural gas

NO_x <25 ppm **CO₂** 72275 Ton/y

Performances related to baseload @ISO conditions



Gas Turbine Package updated design for 100% H₂



Blue H₂/NH₃ production



Pipelines



Green power generation



Industrial Power generation



Data centers



Refineries



Offshore



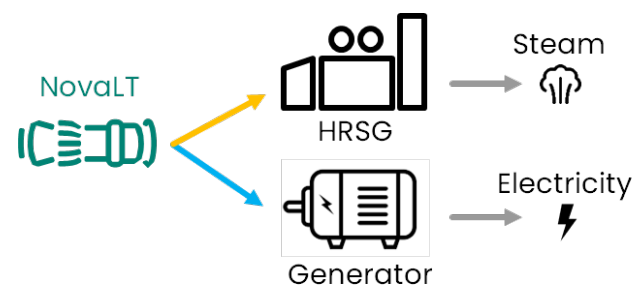
Marine propulsion

Start up with blends up to 100% H₂. Switch from NG to gas blends up to 100% H₂ on the fly

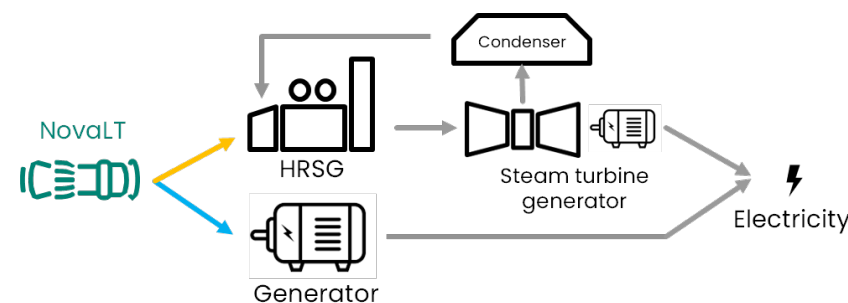
COGEN / CCGT / TRIGEN solutions with NovaLT™

Best fit to maximize profitability for industrial Power Generation

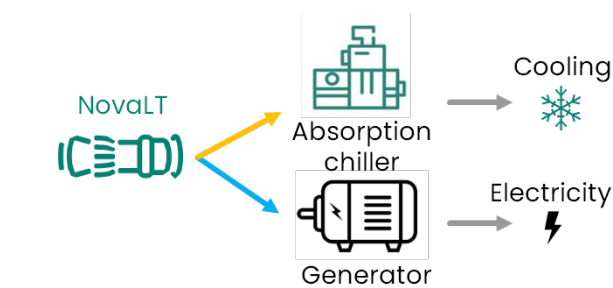
Combined Heat & Power



Combined Cycle



CHILLER



Power	Up to 16.9 Mwe*
Electrical Efficiency	Up to 36.4 %
Steam Output	Up to 31 tph* <i>(no post firing)</i>
CHP Efficiency	Up to 85%

Power	Up to 22 Mwe* <i>(1 GT+1 ST)</i>
Efficiency	Up to 50 %

Refrigeration	Up to 8500 RT*
Cooling temp	13°C
Efficiency	Up to 85%

3xLT16 + ST (22MW) → 70MW

* 1x LT16 configuration

Baker Hughes roadmap for 100% H₂ DLN combustion

NovaLT™16 full premix combustor is a novel **low NOx emission** technology, able of handling any blend of natural gas up to **pure H₂**, using neither catalysts, nor diluents or thermodynamic efficiency reduction.

2020	2021	2022	2023	2024	2025	2026	2027	
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 **Partial Premix combustor**

fuel flex tech and test	Partial premix tech	Combustor design & test	Full engine test	Units delivered
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Full premix H₂ DLN combustor

Full premix tech	Combustor design & test	Full engine test
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Co-funded by the European Union

Project funded by



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra
Swiss Confederation



Federal Department of Economic Affairs,
Education and Research SACR
State Secretariat for Education,
Research and Innovation SERI

Consortium







2 European funded projects supports the technology development:

HyPowerGT project



InsigH2t project

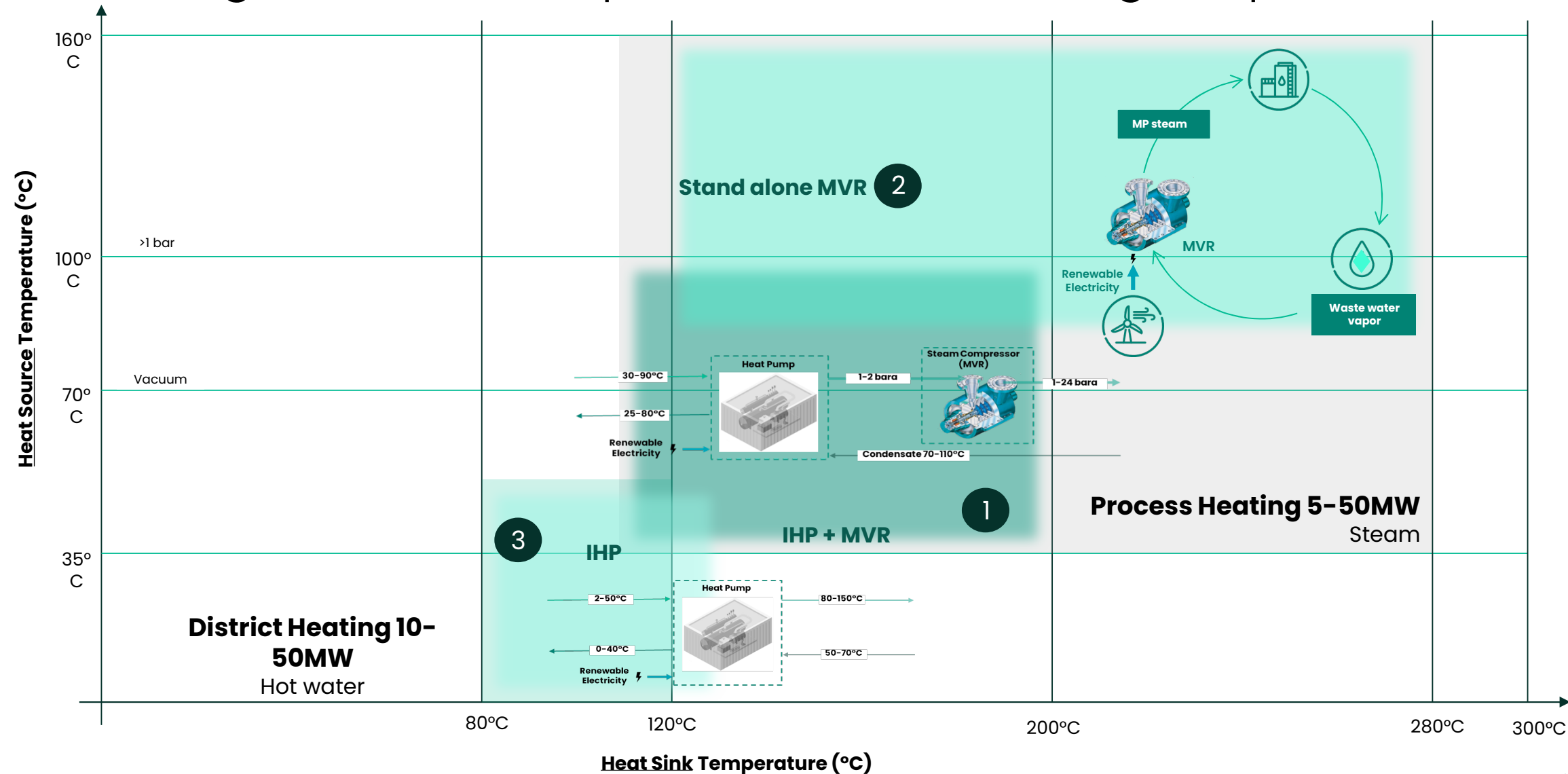






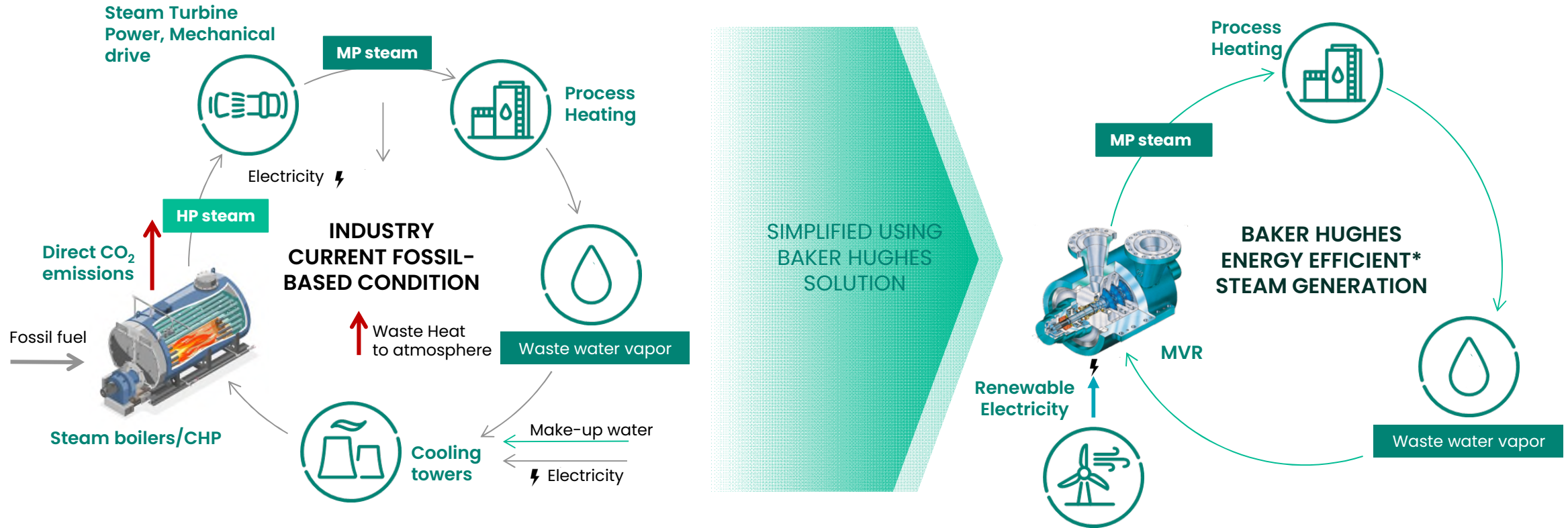


Baker Hughes Heat Pumps – Solutions offering map



Mechanical vapour recompressor technology

Decarbonization of steam generation



- Powered by renewables → **100% displacement** of fossil-fuels derived thermal energy
- ***3-8 times lower energy input** compared to gas boiler
- Reduced **water consumption** (cooling towers make-up / blow-down)

Baker Hughes 