2022 Energy Valuation Conference

Chevron New Energies: advancing a lower carbon future

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the human senergy company



We believe...







Enables human progress

Must be affordable and reliable

Air, water, land, and climate for all

Support a price on carbon

For manufacturing, electricity, agriculture, and transport

Through partnerships, science, and commercial acceleration



Advancing growth in our lower carbon energy

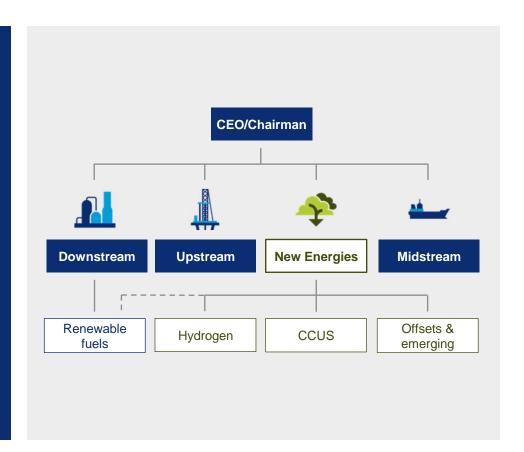
Dedicated New Energies team

Renewable fuels integrated with Downstream

Focused on U.S. and select Asia markets

GHG reduction projects prioritized centrally

Continue venture investments and renewable PPAs





Our Energy Transition strategy Advance a lower carbon future

Lower carbon intensity of our operations

Target

35% carbon reduction in Upstream by 2028

Maintain

1st quartile performance in oil and gas GHG intensity

Focus

on methane, flaring and energy management

Aim

2050 net zero aspiration* for upstream Scope 1 & 2 emissions

Grow lower carbon businesses



Renewable fuels & products



Hydrogen**



Carbon capture, utilization & storage



Offsets & emerging lower carbon opportunities

Chevron expects to triple our lower carbon capital versus prior guidance to over \$10 billion between now and 2028: \$2B in carbon reduction projects and \$8B in low carbon investments

^{*} Upstream emission intensity Scope 1 and 2 in kgCO₂e/BOE.Achieving the Upstream 2050 net zero aspiration will require continued partnership and progress in technology, policy, regulations, and offset markets.

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Advancing a lower carbon future

carbon aspirations

eliminating

net zero 2050 for upstream scope 1 and 2 emissions



enabling

emissions reductions of 30 mmtpa CO₂e by 2028



capital allocation

\$2B

by 2028 in carbonreduction projects

\$8B
by 2028 in lowcarbon investments

targets



portfolio carbon intensity (scope 1, 2, and 3) 71 g CO₂e/MJ



upstream carbon intensity (scope 1 and 2)

24 kg CO₂e/boe



refining carbon intensity (scope 1 and 2)

36 kg CO₂e/boe



policy

transparent reporting



renewable fuels 100 mbd



hydrogen*
150 mtpa



carbon capture and offsets
25 mmtpa



carbon pricing

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MJ = megajoules boe = barrels of oil-equivalent mbd = thousands of barrels per day mtpa = thousands of tonnes per annum mmtpa = millions of tonnes per annum

*Chevron's approach to hydrogen envisions the use of green, blue, and gray hydrogen.



Investment and roadmap to scale

Starting Up

Scaling Up

At Scale 2030-2040

Secure storage

Build partnerships

Deploy technology

Foundational projects

Build synergies with blue hydrogen

Develop & scale hubs

Increase 3rd party volumes

Expand blue hydrogen

Utilization pilots

Established storage portfolio

Capture consistent higher returns



Look to the center of the Venn

Overview of Screening Approach





Where we can win

Our approach: A series of filters is applied in collaboration with segments to narrow the large opportunity set and to provide transparent rationale for recommendations. Today's lower-performing opportunities continue to be monitored.

Step 1
Identify a broad set of lower-carbon asset types & business models

Active and passive business development

Opportunity framing, within the established future business guardrails, by business segments and/or the Center



What is carbon capture, utilization, and storage (CCUS)?

CCUS process

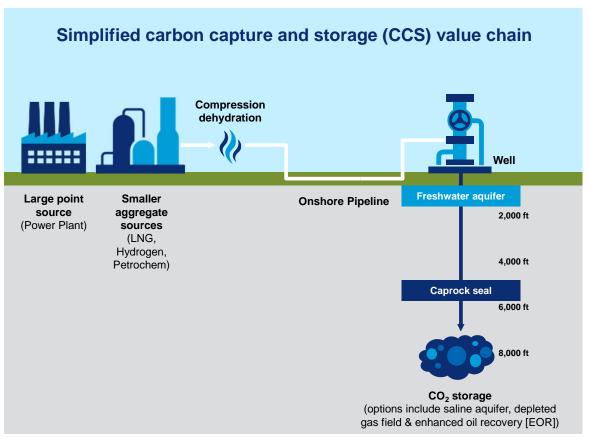
Carbon capture where CO₂ is captured before it enters atmosphere

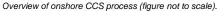
Utilization where CO₂ is reused to produce low or negative emissions products such as cement, steel, chemicals, plastics, and fuels *or...*

Storage where CO₂ is permanently stored underground

Safe and effective CO₂ injection and storage

- Large-scale injection & storage of CO₂ working safely and effectively for decades in oil & gas production
- Chevron helped pioneer CO2 injection into oil formations for enhanced recovery approximately 40 years ago
- Safely operating CO₂ pipeline in Colorado for 35 years







Driving hydrogen solutions for harder-to-abate sectors

United States

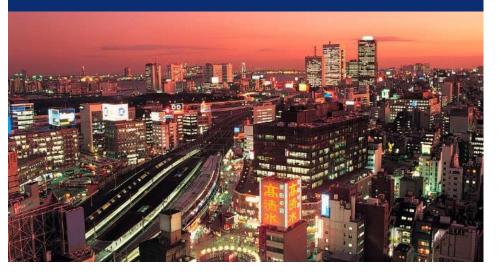
Leveraging Richmond H₂ for growth

Green and Blue H₂ in West Texas and Gulf Coast

Asia Pacific

JERA collaboration on fuel alternatives

Australia Blue H₂ / Ammonia options



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Scaling our CCUS business







Chevron New Energies announced MOU to join Talos Energy and Carbonvert in an expanded joint venture to develop the Bayou Bend CCS hub offshore TX



Partnering to accelerate solutions

- Chevron New Energies joins Talos
 Energy and Carbonvert in MOU for joint venture to develop the Bayou Bend CCS hub offshore the Texas Gulf Coast
- First and only offshore lease in the U.S. dedicated to CO2 sequestration.
- Over 40,000 gross acres near Port Arthur, Texas
- Potential to sequester 225 to 275 million metric tons of CO2 from area industry



Generating value through offsets

Our approach

Grow with customer needs

Portfolio supplier of high-quality credits

Global Offsets Demand gigatonnes per year 1.2 0.6 0 2020 2025 2030 Voluntary Compliance

Source: BCG; Base case analysis on known and projected climate commitments.

Recent actions

Established offset integrity framework

Published GHG methodology for LNG cargoes



Future developments

Invest in nature-based solutions

Monetize excess credits





Growing our Emerging businesses

Geothermal Offshore Wind Selectively look at opportunities with value chain Strategically commercialize and grow linkages (e.g. lower carbon power solutions for business at scale production assets, enable CNE opportunities) Leverage novel geothermal technologies to access greater resources and scale Looking at strategic geographies: Near term focus CA, followed by U.S. Gulf Coast and Focused on North America and Asia BASELOAD Japan CAPITAL Pacific markets Leverage core competencies, partners, markets Leverage core competencies, partners, Eavor and assets markets, investments and assets Invest in innovative companies

Develop pilots/projects and commercial roadmaps

Strategic partnerships



Advancing technology for lower carbon businesses

Venture investments

>20 lower carbon companies

Innovation in emerging technologies



Research & development

Enabling bio-feedstock processing

CCS injection monitoring tech

Deploying at scale

>10 lower carbon tech deployments in 2021

Integrating capture technologies





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Enablers to a lower carbon future

