UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington D.C. 20549

Form 6-K

REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 OR 15d-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of March 2024 Commission File Number: 1-32575

Shell plc

(Exact name of registrant as specified in its charter)

England and Wales

(Jurisdiction of incorporation or organization)

Shell Centre

London, SE1 7NA

United Kingdom

(Address of principal executive office)

 $Indicate\ by\ check\ mark\ whether\ the\ registrant\ files\ or\ will\ file\ annual\ reports\ under\ cover\ of\ Form\ 20-F\ or\ Form\ 20-F\ o$

40-F.

Form 20-F ☑ Form 40-F □

Shell plc (the "Registrant") is filing the following exhibits on this Report on Form 6-K, each of which is hereby incorporated by reference:

Exhibit

No. 99.1 99.2 Description

Regulatory release. Shell Energy Transition Strategy 2024.

This Report on Form 6-K is incorporated by reference into:

(a) the Registration Statement on Form F-3 of Shell plc, Shell Finance US Inc. and Shell International Finance B.V. (Registration Numbers 333-276068, 333-276068-01 and 333-276068-02); and

b) the Registration Statements on Form S-8 of Shell plc (Registration Numbers 333-262396 and 333-272192).

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Shell plc

(Registrant)

/s/ Caroline J.M. Omloo By:

> Name: Caroline J.M. Omloo Title: Company Secretary

Date: March 14, 2024

Shell publishes Energy Transition Strategy 2024

- Shell will continue its drive to halve emissions from its operations (Scope 1 and 2) by 2030, compared with 2016 on a net basis. By the end of 2023, Shell had achieved more than 60% of this target. Shell also reduced the net carbon
- intensity of the energy products it sells by 6.3% compared with 2016, the third consecutive year it hit its target.

 To help drive the decarbonisation of the transport sector, Shell has set a new ambition to reduce customer emissions from the use of its oil products by 15-20% by 2030 compared with 2021 (Scope 3, Category 11).[1]
- Shell confirms it will invest \$10-15 billion between 2023 and the end of 2025 in low-carbon energy solutions, making Shell a significant investor in the energy trans

London, 14 March 2024 – Shell plc (Shell) has published its first energy transition update since the launch of its Powering Progress strategy in 2021. At our Capital Markets Day in June 2023, we outlined how our strategy delivers more value with less emissions, emphasising the "more value" part. In this energy transition update, we are focusing on how the same strategy delivers "less emissions".

Our target to achieve net-zero emissions by 2050 across all our operations and energy products is transforming our business. We believe this target supports the more ambitious goal of the Paris Agreement to limit global warming to 1.5°C above pre-industrial levels. Shell's strategy supports a balanced and orderly transition away from fossil fuels to low-carbon energy solutions to maintain secure and affordable energy supplies.

"Energy has made an incredible contribution to human development, allowing many people around the world to live more prosperous lives. Today, the world must meet growing demand for energy while tackling the urgent challenge of climate change. I am encouraged by the rapid progress in the energy transition in recent years in many countries and technologies, which reinforces my deep conviction in the direction of our strategy," said Wael Sawan, Shell's Chief Executive Officer.

"Shell has a very important role to play in providing the energy the world needs today, and in helping to build the low-carbon energy system of the future. Our focus on performance, discipline and simplification is driving clear choices about where we can have the greatest impact through the energy transition and create the most value for our investors and customers. We believe this focus makes it more, not less, likely that we will achieve our climate targets. By providing the different kinds of energy the world needs, we believe we are the investment case and the partner of choice through the energy transition," said Sawan.

Our energy transition plans cover all our businesses. Liquefied natural gas (LNG) is a critical fuel in the energy transition, and we are growing our world-leading LNG business with lower carbon intensity. We are cutting emissions from oil and gas production while keeping oil production stable, and growing sales of low-carbon energy solutions while gradually reducing sales of oil products such as petrol, diesel and jet fuel. As one of the world's largest energy traders, we can connect the supply of low-carbon energy to demand, as we have done for many years with oil and gas.

We have made good progress against our climate targets

- By the end of 2023, we had achieved more than 60% of our target to halve emissions from our operations by 2030, compared with 2016. This goes above and beyond the targets set by signatories to the Oil and Gas Decarbonization Charter agreed at COP28.

 We continue to be an industry leader in reducing methane emissions. We were one of the first companies to set a target to achieve near-zero methane emissions by 2030. In 2023, we achieved 0.05% methane emissions intensity –
- significantly below our target of 0.2%. And in 2023 we also contributed to the World Bank's Global Flaring and Methane Reduction Fund further supporting industry-wide action to drive down methane emissions and flaring.

 In 2023, we achieved our target to reduce the net carbon intensity of the energy products we sell, with a 6.3% reduction compared with 2016 the third consecutive year we hit our target.

As Shell transforms into a net-zero emissions energy business, we aim to take the lead in the energy transition where we have competitive strengths, see strong customer demand, and identify clear regulatory support from governments. To help drive the decarbonisation of the transport sector, we have set a new ambition to reduce customer emissions from the use of our oil products by 15-20% by 2030 compared with 2021 (Scope 3, Čategory 11).[1]

[1] Customer emissions from the use of our oil products (Scope 3, Category 11) were 517 million tonnes carbon dioxide equivalent (CO₂e) in 2023 and 569 million tonnes CO₂e in 2021

Our focus on where we can add the most value has led to a strategic shift in our integrated power business. We plan to build our power business, including renewable power, in places including Australia, Europe, India and the USA, and have withdrawn from the supply of energy directly to homes in Europe.

In line with this shift to prioritising value over volume in power, we will focus on select markets and segments. This includes selling more power to commercial customers, and less to retail customers. Given this focus on value, we expect lower total growth of power sales to 2030, which has led to an update to our net carbon intensity target. We are now targeting a 15-20% reduction by 2030 in the net carbon intensity of the energy products we sell, compared with 2016, against our previous target of 20%.

We will continue to transparently report our progress against our targets and ambitions every year.

Driving towards a net-zero future

We are investing \$10-15 billion between 2023 and the end of 2025 in low-carbon energy solutions, making us a significant investor in the energy transition. And in 2023, we invested \$5.6 billion on low-carbon solutions, more than 23% of our total capital spending.

These investments include electric vehicle charging, biofuels, renewable power, hydrogen and carbon capture and storage. Our investments in new technologies are helping to reduce emissions for Shell and our customers. We aim to help scale new technologies to make them an affordable choice for our customers and are focusing our advocacy on key areas which we believe are critical to the energy transition: policies that support national net-zero ambitions including carbon pricing, supplying the secure energy the world needs, driving changes in demand and growing low-carbon solutions.

ENDS

Notes to Editors

- · For full details of updates to our climate targets, ambitions and performance please read the full report, online at shell.com/ets2024pdf
- Shareholders will have an advisory vote on the Energy Transition Strategy at Shell's 2024 AGM
- · Shell's net carbon intensity is the average intensity, weighted by sales volume, of the energy products sold by Shell. It is tracked, measured and reported using our Net Carbon Footprint (NCF) methodology
- We have set a new ambition to reduce customer emissions from the use of our oil products by 15-20% by 2030 compared with 2021 (Scope 3, Category 11). That is more than 40% compared with 2016 reported emissions. Customer emissions from the use of our oil products (Scope 3, Category 11) were 517 million tonnes carbon dioxide equivalent (CO2e) in 2023, 569 million tonnes CO2e in 2021 and 819 million tonnes CO2e in 2016. Of the 40% reduction by 2030, around 8 percentage points are related to volumes associated with additional contracts being classified as held for trading purposes, impacting reported volumes from 2020 onwards.
- Reducing the net carbon intensity of the products we sell requires action by both Shell (Scope 1 and 2 emissions) and our customers (Scope 3 emissions). While we can encourage the uptake of low-carbon products and solutions, we cannot control the final choices customers make. Support from governments and policymakers is essential to create the right conditions for changes in demand. In 2023, we invested \$5.6 billion in low-carbon energy solutions, more than 23% of our total capital spending. This includes the acquisition of Nature Energy, which makes Shell one of the largest producers of renewable natural gas in Europe. And our ongoing investment in Sprng Energy, one of India's leading renewable power platforms, demonstrates our determination to invest in growing renewable capacity in areas that play to our strengths and add most value. We are also pioneering efforts to scale up low-carbon solutions, such as by starting construction in late 2022 of Holland Hydrogen 1 in Rotterdam, which is anticipated to become one of the largest renewable hydrogen plants in Europe.
- Find out more about Shell's 2023 Capital Markets Day online at shell.com/investors/investor-presentations/capital-markets-day-2023.

UK / International Media Relations: +44 20 7934 5550

Cautionary Note
The companies in which Shell pic derectly and indirectly owns investments are separate legal entities. In this announcement "Shell", "Shell Group" and "Group" are sometimes used for convenience where references are made to Shell pic and its subsidiaries in general. Likewise, the words "we", "us" and "ou" are also used to refer to Shell pic and its subsidiaries in general or to those who work for them. These terms are also used where no useful purpose is served by identifying a particular entity or entities. "Subsidiaries" and "Shell companies" as used in this announcement refer to entities over directly not indirectly has control. The term "print ventures", and "associations" may also be used to refer to a commercial annagement in which Shell has claim in entity or uninconportated joint Forward-looking statements.

Forward-looking statements

Forward-looking statements

The statements of historical fact are, or may be deemed to be, forward-looking statements.

arrangement, after exclusion of all third-party interest.

This amountement contains forward-looking statements (within the meaning of the U.S. Private Securities Litigation Reform Act of 1995) concerning the financial condition, results of operations and businesses of Shell. All statements of historical fact are, or may be deemed to be, forward-looking statements are statements of future expectations and assumptions. There are statements of future expectations and assumptions and involve known and unknown risks and uncertainties that could cause actual results, performance or events to differ materially from those expressed or implied in these results of Shell and assumptions. These forward-looking statements are statements of Shell and assumptions. These forward-looking statements include, among the financial material concerning the professiones, "objectives," colid.", "private Securities," results," "schedule," "seek", "schedule," "schedule," "seek", "schedule," "s

operating stams cannot reflect our 2050 net-zero emissions target, as this target is currently outside our planning period. In the reviews, as about 1 liver values, as a liver value of values, and exchange rates. Moreover, estimating such GAAP measures with the required precision necessary to provide a measure singular excomplished without unreasonable lead have because carriant forward-looking non-GAAP measures with the required precision necessary to provide a measure singular excomplished without unreasonable lead for Nan-GAAP measures in respect of fature periods which cannot be reconciled to the most comparable GAAP financial measures in respect of fature periods which cannot be reconciled to the most comparable GAAP financial measures with the required precision necessary to provide a meaningful reconciliation is extremely difficult and could not be accomplished with the accounting policies applied in Shapet pick consolidated financial statements.

The contents of websites referred to in this announcement do not form part of this amouncement. We may have used certain terms, such as resources, in this amouncement that the United States Securities and Exchange Commission (SEC) strictly prohibits us from including in our filings with the SEC. Investors are urged to consider closely the disclosure in our Form 20-F, File No 1-32575, available on the SEC website waw.sec.gov.

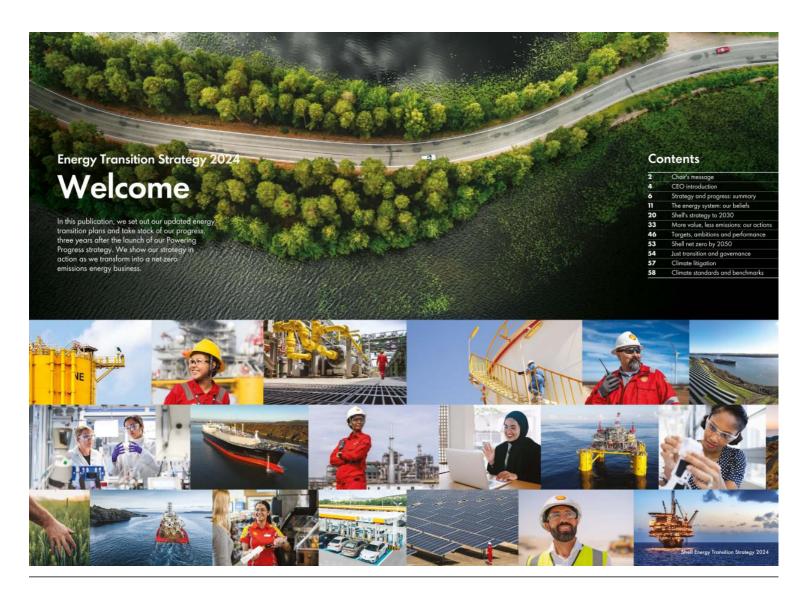


Shell plc

Energy Transition Strategy 2024



#PoweringProgress





Our target to become a net-zero emissions energy business by 2050 remains at the heart of our strategy. This energy transition update marks an important moment for Shell. It comes three years after we launched our Powering Progress strategy, and builds on our Capital Markets Day in June 2023 when we set out our plans to create more value

Our target to become a net-zero emissions energy business by 2050 remains at the heart of our strategy and is transforming our operations and energy products. We believe this target supports the more ambitious goal of the Paris Agreement, to limit the rise in the global average temperature to 1.5°C above pre-industrial levels.

pre-incustrate levels. As we work towards net zero, we are reducing emissions from our operations and energy products while becoming an increasingly successful organisation. Our energy transition plans cover all our businesses: Integrated Gas, Upstream and Downstream, Renewables and Energy Solutions. In this publication, we set out pathways to net zero for our two biggest customer sectors - transport and industry - based on where we believe we have the competitive advantages to provide our customers with the products they need through the transition.

Helping reduce emissions for our customers
We want to lead in the decorbonisation of transport using the strength of our brand, deep customer relationships and global reach. We aim to grow our public charging network for electric whickes, and remain one of the world's largest blenders and distributors of biofuels [A]. As the energy transition progresses, we expect to sell more low-carbon products and solutions, and less oil products including petrol and diesel.

To measure our progress, we have set a new ambition to reduce customer emissions from the use of our oil products by 15-20% by 2030 compared with 2021 [Scope 3, Category 11] [B].

[A] Includes volumes from our joint venture Raisen.

[5] Customer emissions from the use of our oil products [Scape 3, Category 11) were 517 million tomes carbon disorde equivalent (CO₂e) is 2023 and 569 million tomes CO₂e is 2027.

Technologies of the future

Chair's message continued

The world needs a balanced and orderly transition away from fossil fuels to maintain secure energy supplies, while accelerating the transition to affordable low-carbon solutions. We are growing our world-leading liquefied natural gas (ING) business so that we can continue to provide a critical fuel in the energy transition. Our investments in carbon capture and storage, hydrogen and renewable energy will help us produce ING with lower carbon intensity in the future.

Through our world-class trading business, we can connect the supply of low-carbon energy to demand, as we have done for many years with oil, gas and LNG.

As we work towards net zero, we are making clear choices about where we can add most value for our investors and customers. We expect renewable power will be critical for helping our commercial customers decarbonise; and plan to build our integrated power business in places including Australia, Europe, India and the USA. We have withdrawn from the supply of energy directly to homes in Europe because we do not believe we have a competitive position there.

Technologies of the future
We are increasing our investments in research and
development, and investing in the fuels of the future. We aim to
scale up new technologies to create affordable options for our
sustamers into the 2030s. We are building Molland Hydrogen
1, one of the largest renewable hydrogen plants in Europe,
close to our Energy and Chemicals Park Rotterdam in the
Netherlands. We are also investing in carbon capture and
storage technology to reduce emissions from our or
operations such as refineries and LNG plants, and, in the
longer term, to help our industrial customers reduce their
emissions too.

Isom Firsthand the potential of some of the exciting new technologies we are developing when I visited Oman in January 2024. We are part of a group exploring a project to produce green ammonia and liquefied synthetic gas from renewable hydrogen. These technologies are still in the early stages, but they could help to decarbonise industry and commercial road transport in the future.

commercial road transport in the future.

More value with less emissions
A our Capital Markets Day, we said we would deliver more
value with less emissions. We have made good progress in our
first year under our new Chief Executive Officer Wael Sawan.
In 2023, we returned 42% of our cash flow from operations
to our shareholders, the upper end of our 30.40% range
through the cycle. We also reduced carbon emissions from our
operations by 31% compared with 2016 levels, putting us well
on the way towards our target of a 50% reduction by 2030 on
a net basis. We achieved our short-term target to reduce the
net carbon intensity of the energy products we sell, with a 6.3%
reduction against our target of 6-8% compared with 2016.

Transparency and shareholder support In 2021, 89% of our shareholders voted in support Energy Transition Strategy. Since then, we have progress reports, which our shareholders have also Along with other Board members, I met with many largest institutional shareholders following those w I appreciate their time and leadback and look for to our next engagement in April 2024.

The publication of our Energy Transition Strategy I: increased transparency, and better dialogue with institutional investors. We heard that following Ca Day, for example, some wanted us to be clearer a will deliver both more value and less emissions, an showing exactly that in this update.

This year, we are again asking our shareholders to at our Annual General Meeting on our Energy Tra Strategy. As before, this vote is purely advisory, or binding for our shareholders. The legal responsibility approving or objecting to Shell's strategy lies with Board and Executive Committee.

We believe our strategy will transform Shell into a emissions energy business, creating value for our si customers and wider society. We will offer shareho advisory vote at the 2024 Annual General Meetin the energy transition plans described in this public.

Annual Report and Accounts 2023. The Board rec
that shareholders vote in favour of the Resolution c to support those plans.

Sir Andrew Mackenzie



Sir Andrew Mackenzie



Shell has an important role to play in providing the energy the world needs today, and in helping to build the low-carbon energy system of the future.



Wael Sawan Chief Executive Officer

This is our first update to the Energy Transition Strategy that we published in 2021, It is an apportunity to take stack of our progress, to reflect on what we have learned, and to look forward as we transform Shell into a net-zero emissions energy business by 2050.

Over the past three years we have seen the critical important of secure and affordable energy for economies and people's lives. As the world's population grows by an estimated 2 billion people by 2050, and the benefits of energy are extended to the hundreds of millions who do not have it today, demand for energy will only grow.

At the same time, the world must achieve an orderly transition away from fossil fuels to low-carbon energy to achieve net-zero emissions. Today, Iossil fuels neet around 80% of global energy demond, with an even greater reliance in many developing countries. We support a balanced energy transition, one that maintains secure and affordable energy supplies as the world moves to net zero.

I am encouraged by the ropid progress in the energy trans in many countries and technologies in secent years, including the continued growth in demand for liquefied natural gas (ING), a critical fuel in the energy transition, and for low-carbon energy solutions such as solar and wind power, an electric vehicles. This progress reinforces my deep conviction the direction of our strategy.

Shell has an important role to play in providing the energy the world needs today, and in helping to build the low-carbo energy system of the future. There are exciting opportunities to use the strength of our innovation capabilities in the areas where we can have the greatest impact. Our purpose – to provide more and cleaner energy solutions – sets the direction for everything we do.

Progress towards our targets
Since we launched our Powering Progress strategy, we have made good progress against our climate targets, and learned where we have competitive strengths. By the end of 2023, we had achieved more than 60% of our target to halve emissions from our operations by 2030, compared with 2016. We achieved this by adapting our portfolio, including by repurposi refineries, and making changes to our operations such as powering some oil and gas platforms with renewable energy.

CEO introduction continued

We continue to be one of the leaders in reducing emissions of methone, a potent greenhouse gas that can be released during oil, gas and LNC production. We were one of the first companies to set a target to achieve near zero methane emissions by 2030, in 2023, we continued to keep our methane emissions intensity well below 0.2%. We made good progress towards our target to eliminate routine flaring from our upstream operations, compared with 2016 [A]. We also met our short-term target to reduce the net carbon intensity of the energy products we sell, with a 6.3% reduction against our target of 6.8% compared with 2016.

More value, less emissions
At our Capital Markets Day in June 2023, we outlined how
our Powering Prograss strategy delivers more value with less
emissions, emphasising the "more value" part of our strategy. In
this energy transition update, we are focusing on how
the same strategy delivers "less emissions".

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Our energy transition plans cover all our businesses. In Integrated Gas, we are growing our world-leading ING business with lower carbon intensity. In Upstream, we are reducing emissions from all and gas production. In Downstern and Renewables and Energy Solutions, we are growing sales of low-carbon products and solutions such as biofuels, electric vehicle charging and renewable power, while investing in hydrogen and other fuels of the future.

hydrogen and other fuels of the future.

Our focus on performance, discipline and simplification is driving clear choices about where we can create the most value for our investors and customers through the energy transition. Our oblifly to roise and invest capital depends on delivering strong returns to shareholders, shaping the role that Shell can play on the journey to net zero. We believe this focus makes if more, not less, likely that we will achieve our climate targets and ambitions.

Reducing emissions from production
We believe the world will continue to need oil and gas for many years – produced with much lower emissions – alongsid cleaner energy such as advanced biofuels, renewable power and hydrogen.

We expect LNG will play a critical role in the transition. It continues to provide a secure supply of energy in many European countries. It also offers flexibility to electricity grids as wind and solar pawer grow, and opportunities to lower carbon emissions from industries such as cement and steel by replacing coal.

by replacing coal.

In the future, by powering our LNG plants with renewable electricity, and adding carbon capture and storage, we aim to lower the carbon intensity of our LNG plants. Our LNG joint venture in Canada (Shell interest 40%), for example, the largest private-sector investment in the country's history, will us natural gas and renewable electricity to reduce emissions fron the plant by more than one-third compared with the world's best performing facilities.

The Vito platform in the Gulf of Mexico (Shell interest 63.1%) is reducing emissions from oil and gas production. The platfor started production in 2023 and is expected to produce around 80% less carbon dioxide emissions over its

operating life, compared with the original design. the same concept for two more platforms in the Gi Whale (Shell interest 60%) and Sparta (Shell inter

Supporting our customers as they decart
We aim to lead in the energy transition where we
have competitive strengths, see strong customer d
and identify clear regulatory support from governs
The transport sector is a good example.

The transport sector is a good example: We are building on our customer relationships and to help drive the decarbonisation of passenger car duty trucks, planes and ships. We aim to grow our charging network for electric wheiles, and stay a lin biofuels including sustainable aviation fuels or rediesel made from waste. By repurposing our remain integrated effenies to focus on four regional ener chemicals parks, we are creating the low-carbon p hubs of the future. hubs of the future.

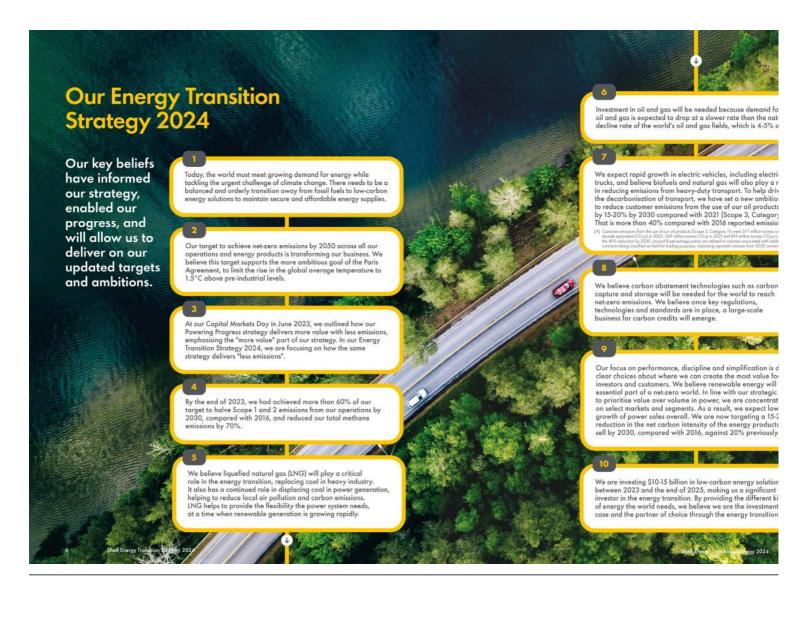
As we grow sales of low-carbon fuels we expect to sales of oil products such as petrol and diesel. We a new ambition to measure our progress, to reduce emissions from the use of our oil products by 15-20 compared with 2021 (Scope 3, Category 11) [8]. (is in line with the European Union's climate goals which are among the most progressive in the work

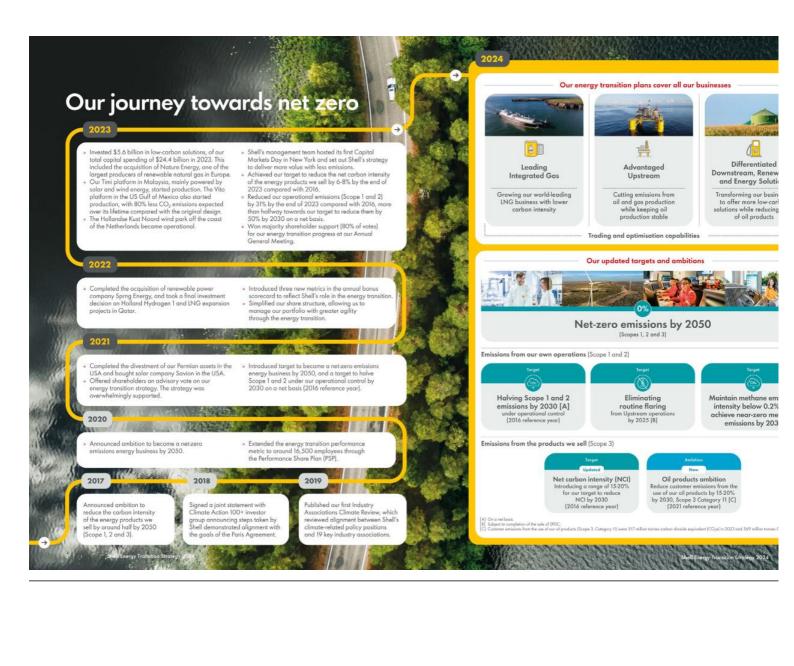
Our focus on volue has led to a strategic shift in ou business towards select markets and segments. Or is selling more power to commercial customers, in renewable power, and less to retail customers. As we expect lower growth in sales of power overall, updated our net carbon intensity target to reflect with a 15-20% reduction by 2030, compared with regions 10.5% reduction by 2030, compared with regions 10.5% reduction by 2030, compared with regions 10.5% reduction by 2030. against 20% previously

Towards net zero In total, we invested \$5.6 billion in low-carbon solo in total, we invested 3.5 climion in Invocarbon soil 2023, which was 23% of our capital spending. W spending \$10-15 billion on low-carbon solutions be and 2025, moking us a significant investor in the e transition. With our focused approach, we believe investments will have an important impact, allowin develop low-carbon solutions at increasingly affort prices for our customers.

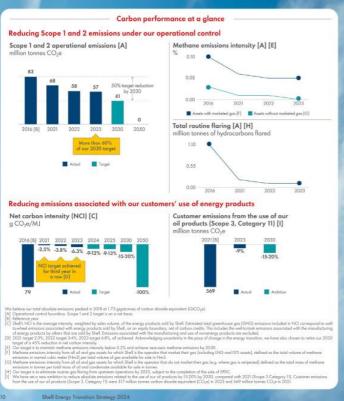
prices for our customers. Shell will provide the different kinds of energy their We will invest in producing LNG with lower corbor in reducing emissions from oil and gas production, providing cleaner energy solutions. As we transition into a netzero emissions energy business, we belief are the investment cose and the partner of choice the energy transition.

[B] Customer enrissions from the use of our oil products (Scope 3, Category million tonnes carbon classide equivalent (CO₂e) in 2023 and 569 millions





Our progress towards net zero



The energy system: our beliefs

Today, fossil fuels meet around 80% of the world's primary energy use. There is even greater reliance in many developing countries where security of supply and stable prices are critical to their development.

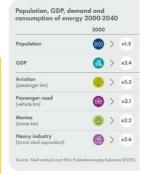
The world's primary energy demand is just over 300 million barrels of oil equivalent per day (mboe/d); with around

The world's primary energy demand is just over 300 million barrels of oil equivalent per day (mboe/d]; with around 250 mboe/d from fossil fuels. Of this, 100 mboe/d is from oil, 80 mboe/d is from coal and 70 mboe/d is from gas.

As demand for energy continues to grow, driven by rising populations and increased prosperity, the world must transitio from fostil flush to low-carbon energy in a balanced way to achieve net-zero emissions. The transition to net zero will not be linear, as different countries take different approaches and move at different paces.

Public policy, developments in technology and infrastructure, and a functioning carbon market are essential to create the demand signals for the private sector to invest at scale. This will require collaboration between policymakers, customers and private organisations like Shell that have the financial strength, experience and capabilities to help build the new energy system.

Developing our beliefs



Shell Energy Transition Strategy 2024

The energy system: our beliefs continued

Demand for natural gas has also seen steady growth over the last 40 years, adding an average of about 60 billion cubic metres (bm) of new demand a year. Demand for liquefied natural gas (LNG) has grown much faster, from about 30 million tonnes per annum (mtpa) in 1983 to more than 400 mtpa in 2023.

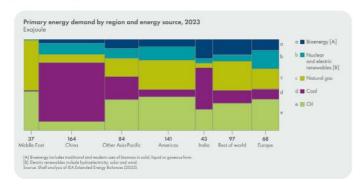
mtpa in 2023.

Today, ING makes up around 13% of the global gas market, a figure expected to exceed 20% by 2040. The global ING market will continue growing at least through the 2030s, mostly driven by industrial deacrobrosisation in China, and strengthening demand in other Asian countries. ING can help displace the use of cool in industry and power generation, and can top up supply in regions of declining domestic gas production such as Europe.

The prospects for LNG demand are increasingly independent of pipeline natural gas because the fuel can be transported at short notice, and can also be used as a substitute for highercarbon liquid fuels in shipping.

carbon liquid fuels in shipping.

Global demand for coal rose by 3.6% from 2013 to the end of 2023, when it reached a new high. This increase was fuelled by strong demand in developing economies. Coal demand increased by 35% in India and by 13% in China during this 10-year period, due to rising demand for electricity and weak hydropower output. We believe replacing coal with natural gas, ING and renewable power will be a key factor in reducing emissions.



The energy system: our beliefs continued

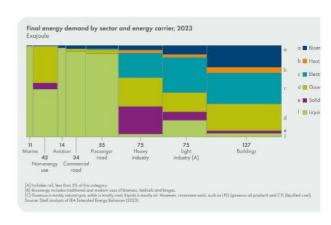


Significant investment will be required to keep supplying ail and gas while low-carbon alternatives are developed and made commercially available.

This continued investment is needed because demand for oil and gas is expected to drop at a slower rate than the natural decline of the world's oil and gas fields, which is at 4% to 5% a year.

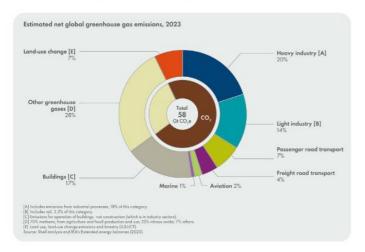
Worldwide oil and gas production, outside North has been at around 120 mboe/d from 2013 until ti 2023, despite cumulative oil and gas investment a than \$2 trillion over the same period.

Current global investment in low-and zero-carbon is around \$1.7 trillion a year. To reach net zero by scenarios suggest that \$3-4 trillion of commercially investment in low-carbon energy is required each y



Global greenhouse gas emissions in 2023 Carbon dioxide (CQ₂) emissions from the energy system amounted to almost three quarters of global greenhouse gas emissions in 2023. Tighter government policies will help to reduce carbon emissions at a rate consistent with the temperature goals of the Paris Agreement. Even without these

policies, we expect that the global demand for fossil fuels would fall from today's level of around 80% to below 70% by 2040. If the world follows a path to net-zero emissions by 2050, the figure could go down to 50%. This will be driven by electrification and the scaling-up of renewable energy generation.



The energy system: our beliefs continued



Industry makes up 44% of the world's final energy use, with oil, gas and coal meeting almost 64% of this demand.

Today, industry also uses substantial amounts of power generated by fossif livels. The sector includes heavy industry, light industries such as moundacturing, mining and agriculture, and non-energy use feedstocks in chemicals.

Heavy industry

Heavy industry
Heavy industry includes the energy-intensive production
of steel and cement, which use high-temperature processes
that can be hard and expensive to electrify. This sector
represents 17% of final energy use, mainly in the form
of coal, gas and electricity.

Higher standards of living are built on the output of heavy industry. For example, the in-use stock per capita of steel in OECD countries ranges from 10-15 tonnes per person (t/p) compared with a world average of around 4 t/p [A].

Since 2000, OECD countries have seen a modest decline in energy demand as industrial output has plateaued. In non-OECD countries, demand has nearly tripled, driven by industrialisation. Much of this increase in demand comes from China, which currently produces around half the world's steel and cement.

The use of coal in heavy industry has fuelled much of the industrial growth in non-OECD countries over the last two decades, while OECD countries use for less coal and proportionally more gas and power. In non-OECD countries, gas and electricity have increased their market share against coal, and we expect this trend to continue.

We believe natural gas and LNG will play an important role in replacing coal in high-temperature heavy industry applications. They can help address both local air emissions and wider climate considerations.

More plentiful and affordable renewable electricity will also play a role in decarbonising this sector. Once electrification has taken place, gas will have a backup role because many industrial processes require a high reliability of power supply We also see potential for hydrogen in the long-term when it becomes cost competitive.

[A] Source: International Energy Agency. Ira

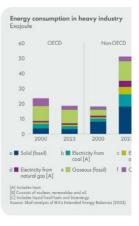
Light industry
Light industry constitutes around 17% of final energy requirements vary from fuel for heavy equiremedium-level heat and electricity for manufacturing.

The energy mix for light industry includes coal, oil, electricity and some commercial biomass. Many a of light industry hove already switched to electricity and some commercial biomass. Many a of light industry hove already switched to electricity. We see this trend continuing with more action nee increase efficiency. Supportive government policia also needed to decarbonise the sector.

also neezed to decurpombe the securi.

Non-energy use

Non-energy use is dominated by petroleum feedst natural gas, and some coal in Asia. It represents a of final energy use, but there are limited emissions feedstocks are transformed into material goods su buticants, placitics and fertilizers. Many of these prindirectly help reduce emissions when used in insul buildings or in plastics which reduce the weight of We believe bio-feedstocks and recycling will grow importance in this sector. importance in this sector.



Shell Energy Transition Strategy 2024

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Shell Energy Transition Strategy 2024

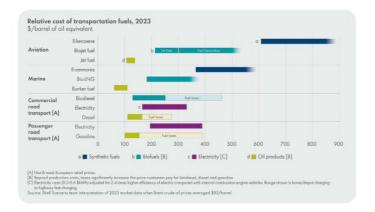
The energy system: our beliefs continued

Transport sector

The transport sector represents nearly 30% of final energy use, with oil products meeting more than 90% of this demand.

The remainder is mostly met by LNG, compressed natural gas and biofuels. Global CCO₂ emissions from transport amount to around 8 gigatonnes (GT) a year, which is about one-seventh of global emissions.

Oil products dominate transport because of their high energy density, convenience and cost competitiveness. In some markets, such as Europe and the USA, alternative transport fuels like ethanol are mandated. In Europe, where road transport fuel taxes are high, electric vehicles are increasingly cost competitive. However, in marine and aviation alternatives remain expensive. Bio-alternatives are at least twice the cost of oil products, and synthetic fuels manufactured from hydrogen can be up to eight times more expensive.



The energy system: our beliefs continued

Passenger road transport
Today, there are around 1.3 billion cars on the road, consuming around 25 million barrels of oil per day (mb/d), which is a quarter of the world's oil production. Biofuels such as ethanol are used in some markets but currently amount to less than 5% of demand. We expect a rapid growth in electric vehicles, including plug-in hybrids. Today there are around 40 million such vehicles on the roads, with up to 275 million expected by 2030. The availability of charging points will be critical for the growth in electric vehicles.

for the growth in electric vehicles. The share of electric cars in new car sales has increased from less than 3% in 2018 to 18% in 2023. The most rapid growth is in China, the world's largest car market, followed by Europe and the USA. In China, there are a wide range of vehicles for sale at under \$40,000, while in other markets electric vehicles generally sell at above this price before government subsidies are applied.

are applied.

Commercial road transport

Commercial road transport, which includes 70 million trucks, uses 16 mb/d. We believe the shift of commercial road transport towards low-carbon solutions is less than a decade behind that of passenger cars. We expect that biofuels and renewable natural gas will keep playing a role in reducing emissions from trucks. In the long term, we expect electricity or hydrogen to become the main paths to decarbonisation, depending on advances in technology, government policy and customer preferences.

Aviation
Demand for aviation fuel has rebounded from its Covid lows and is now at about 7 mb/d. Sustainable aviation fuel [SAF] made from used cooking oils and other feedstacks is seen as a credible alternative to jet fuel. Today, SAF represents less than 0.1% of total demand, but we expect its market share to grow with support from governments.

to grow with support trom governments.

Around 11 markets have SAF targets, including Europe and Singapore. Some 2.3 alfilines representing a combined 35% of global aviation emissions also have SAF targets. Government mandates are essential to increase demand for SAF because it costs consumers between two and four times more than conventional aviation fuel. There is limited evidence that costs in the long term, advances in technology may create apportunities to use synthetic fuels such as e-kerosene, but further research and development is required.

Shipping
Shipping represents about 6 mb/d of oil demand.
of shipping gross tonnage in operation today is fut
ING, which on reduce emissions by up to 23% ct
with conventional fuels. Of the new ships on order,
25% of gross tonnage is being designed for INGS,
number of the ships in operation today oferady ha
capabilities, giving them the Resibility to run on alt
We believe demand for ING in shipping will grow
for liquefied biomethane. Fuels such as methanol a
could be options for shipping in the long term, but
challenges with both of them.



The energy system: our beliefs continued





Residential and commercial buildings represent just under 30% of final energy use. This energy is used to heat the buildings and power electrical devices, and around two-thirds of it comes from low-carbon sources. The global buildings stack has become about 75% more efficient in the last 40 years due to improved building standards, batter insulation, and more efficient appliances. Electrification has helped to decarbonise this sector and we see this continuing, with an increased use of electric heat pumps and cookers, reducing demand for natural gas in homes. Supportive policies will be key to continuing this trend.

Information technology services, including data centres, artificial intelligence and cryptocurrencies, are a rapidly growing part of the building sector. We believe global electricity demand in this area could double from 2023 to 2024.



Power is the most rapidly decarbonising part of the energy system. More than 40% of electricity is now generated from renewables and nuclear. There has been rapid growth in wind and solar generation in the last 10 years, expanding from 3.5% of total power generation in 2013 to nearly 18% in 2023.

Acound 22% of final energy use was electrified by the end of 2023, up from around 18% in 2010. We think this trend is accelerating, cided by the adoption of electric vehicles and heat pumps. Electrification of final energy use could reach 30.40% by 2040.

We expect that wind and solar will continue to dominate power generation growth as governments rightly support their scale-up, which will also require significant expansion of national electricity grids.

We see natural gas having a continued role in displacing coal in power generation, which helps reduce local air pollution and carbon emissions. Natural gas also helps provide the flexibility the power system needs, at a time when renewables are growing rapidly, and its role is especially crucial in managing seasonal fluctuations in supply and demand.



The energy system: our beliefs continued



We believe carbon abatement will be an important tool to reach net-zero emissions. Once key regulations and standards are in place, a targe-scale business for carbon credits could emerge.

Carbon credits may be used to compensate for emissions in line with the mitigation hierarchy of avoid, reduce and compensate

The cast of carbon abatement can be split into three tranches. Abatement for less than \$100 a tonne of CO_2 includes efficiency measures in industry and buildings, changes in agriculture, forestry and other fand use practices, and some switching from coal to gas or renewables in power generation.

The middle tranche of abatement costs between \$100 a tonne and \$200 a tonne and includes the use of carbon capture and storage (CCS) in power generation and industry. The highest abatement costs are at more than \$200 a tonne. These include parts of the transport and industry sectors, and directly capturing carbon from the atmosphere.

Carbon removals are likely to become an important way to limit the long-term temperature rise. Both of Shell's energy security scenarios envisage the need for multi-billion tonne a year carbon removals, which will need to be financed by emitters purchasing carbon credits.

Demand for carbon credits in the voluntary carbon market is expected to grow significantly, CCS also has the potential to make a meaningful reduction in CO₂ emissions. While there are only around 50 million tonnes per annum (mpta) of CCS in operation today, there are around 300 mtpa of projects under consideration [A]. Many net-zero scenarios show the industry growing to more than 1,000 mtpa by the mid-2030s.

[A] Global CCS Institute, 2023. The Global Status of CCS: 2023. Australia



Shell's strategy to 2030



Our strategy transforms Shell into a net-zero emissions business by 2050 by delivering more value with less emissions. It supports our purpose – to provide more and cleaner energy solutions.

Our beliefs inform our strategy. While the energy transition will move at different paces in different countries, we expect global growth in demand for all will slow this decade, and is likely to start declining in the following decade. We also expect global demand for LNG will continue to grow at least through the 2030s.

We believe the world needs a balanced energy transition, one that maintains secure energy supplies, while accelerating the transition to affordable low-carbon solutions.

Our strategy supports a balanced transition by providing the oil and gas people need today, while helping to build the energy system of the future. As we implement our strategy, we are becoming a multi-energy business of

more and cleaner energy solutions.

We are reducing emissions from our operations, and helping our customers move to cost-competitive and cleaner energy. Our energy transition plans cover all our businesses:

Integrated Gas - Growing our world-leading ING business with lower corbon intensity.

Upstream - Cutting emissions from oil and gas production while keeping oil production stable.

Downstream, Renewables and Energy Solutions - Transforming our businesses to offer more low-corbon solutions while reducing sales of oil products.

Our energy transition plans cover all our businesses





Leading Integrated Gas

Growing our world-leading LNG business with lower carbon intensity





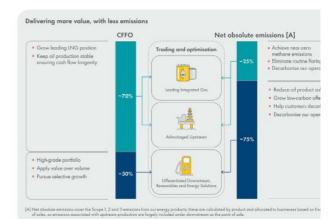
Upstream

Cutting emissions from oil and gas production while keeping oil production stable

Trading and optimisation capabilities



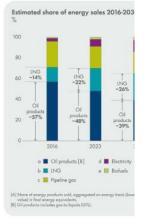
Shell's strategy to 2030 continued



Today, around 70% of our cash flow comes from our Integrated Gas and Upstream businesses, with the remaining 30% generated by our Downstream, Renewables and Energy Solutions businesses.

Solutions businesses. The opposite is true for emissions. Around 75% of Shell's recorded emissions come from our Downstream, Renewables and Energy Solutions businesses, with the vast majority generated when our customers use our products. The remaining emissions are generated within Integrated Gas and Upstream, with a large proportion also coming from when our customers use our products. Across all our businesses, more than 90% of our emissions are reported as Scope 3.

Shell will reduce emissions over time as our product mix evolves to meet changing customer demand. We will continue to produce LNG and oil with less emissions, while the mix of our sales will move more towards low-carbon solutions such as biofuels, renewable energy and hydrogen, and away from oil products such as petrol, diesel and jet fuel into the 2030s.

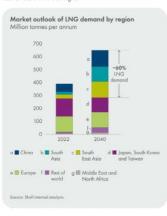




Growing our world-leading LNG business with lower carbon intensity

We plan to grow our LNG business by 20-30% by 20-30 compared with 2022. We are developing new projects with lower carbon intensity by using renewable power and carbon abatement technology in the form of carbon capture and storage. Beyond our own production, we will continue to add scale and flexibility to our portfolio by buying LNG from others.

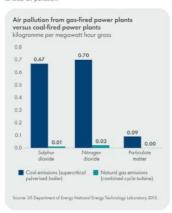
Our LNG business will remain a key priority for Shell, meeting continued strong demand especially in Asia where we send most of our shipments today. As we grow our LNG business we will be targeting apportunities which have an internal rate of return of 11% or higher.



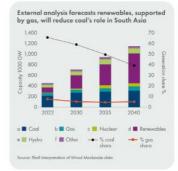
LNG in the energy transition LNG provides both energy security and flexibility because it can be easily transported to places where it is needed most. It continued to play a vital role in providing energy security in Europe in 2023.

LNG is also a critical fuel in the energy transition. It is the lowest-carbon fossil fuel, producing around 50% less carbon emissions than coal when used to generate electricity, according to the International Energy Agency.

Compared with coal, LNG emits far lower amounts of sulphur dioxide, nitrogen oxide and other compounds that contribute to local air pollution.



There are many opportunities for industries to cut carbon emissions by switching from coal to natural gas and ING. Coal accounts for more than 00% of the energy used across Asia to power heavy industries such as steel.



LNG is the lowest-carbon marine fuel available at scale today and offers significant greenhouse gas (GHG) emissions reductions compared with conventional fuels. LNG also offers a long-term decarbonisation pathway through bits LNG when the supply is scaled up. Shell has developed the world's largest LNG fuelling network of ports and bunker vessels on key trading routes, enabling more customers to choose LNG.

To deliver the full GHG benefits of LNG, methane emissions must be minimised. We are working with partners, industry and universities to develop and implement technologies that reduce methane emissions associated with the use of LNG.

Reducing methane emissions. Methane emissions Methane emissions from natural gas and LNG contribute to global warming. Methane is a potent GHG and reducing emissions of methane is considered one of the most effective near-term actions to keep the more ambitious 1,5°C goal of the Paris Agreement within reach.

As we grow our LNG business, we continue to mal reduction of methane emissions a priority. We were first companies to set a target to achieve near-zer emissions by 2030 across all our operations. Throu efficient new plants, and projects to reduce methan to reduce methan to make the prome assisting assets and our shipping fleet, we aim LNG with some of the lowest methane emissions in

We are working with others to increase transparer methane emissions, improve accuracy of reporting reductions in methane emissions across our industr

reductions in methone emissions across our industrial We have been enhancing the accuracy of our repressions through the implementation of the Uniter Environment Programme (UNEP) Oil and Gas Met Portnership (OGMP) 2.0 reporting framework in a and non-operated assets. In 2023, Shell received I recognition for being on track to achieve OGMP 2 standard of reporting in its operated assets by the and non-operated assets by 2025. This would be t consecutive year that Shell has achieved this high

Working with others

Shell is a signatory of the **Oil and Gas Decarbonisation Charter** launched at COP, focuses on driving down Scope 1 and 2, flaring methane emissions.

Shell is a contributor to the OGMP 2.0 Meth Reporting Framework which is the only med based international framework for methane en the oil and gas sector.

We are also a member of the Oil & Gas Clim Initiative which has launched the Aiming for 2 Methane Emissions by 2030 initiative.

Shell's strategy to 2030 continued



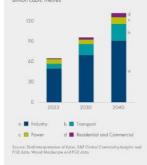
Role of LNG in the energy transition

Supporting renewable energy: Using ING for power generation offers flexibility and the ability to quickly ramp up or down. ING will be essential for maintaining grid stability as the share of renewables increases.

Reducing air pollution: Gas-fired power generation can help significantly reduce air pollution when compared to the emissions released by coal-fired plants.

Influstrial and high-temperature applications:
Gas and LNG are important for sectors where
electrification is challenging, such as high-temperature
industrial processes. They provide the necessary energy
intensity and reliability that renewables currently cannot
match, helping industries like cement and steel on their
decarbonisation journeys.

Market view of India gas demand by sector



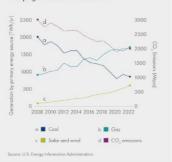
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Energy security: While displacement of coal by renewables is expected to be dominant in the power sector, gas and LNG will also have an important role. They will continue to provide the flexibility electricity grids will need, and energy security in the coming decades in developed countries.

Climate policy and emissions trading: In regions with stringent climate policies and emissions trading systems, such as the European Union, gas and INOS can help meet emissions targets by replacing more carbon-intensive fuels

emissions targets by replacing more carbon-intensive riess. Lower-carbon fuel for transport: In some of the slower-to-abate transport sectors, such as long-distance commercial road transport and marrine, LNG can help with their decarbonisation journeys. It is a solution that is both available and more affordable today when compared with other low-carbon products, and reduces emissions when compared with oil-based products.

Gas displacement of coal in US power generation is helping to reduce CO2 emissions



Shell's strategy to 2030 continued



Cutting emissions from oil and gas production while keeping oil production stable

We continue to focus on more value and less emissions, and expect that our oil production will remain stable through to 2030. The oil we are producing will increasingly come from our world-class deep-water business. Through innovative designs, our deep-water platforms are producing higher-morgin and lower-carbon barrels.

lower-carbon barrels.

Maintaining oil production this decade

Our oil production peaked in 2019, and by the end of
2023 had fallen by around 20%. We believe that continued
investment will be needed to maintain oil supplies as existing
fields naturally decline faster than reductions in demand. To
keep production of crude oil and natural gas liquids stable
to 2030 at 1.4 million barrels per day, we are focusing
exploration on our existing positions and basins where
hydrocarbons have been discovered already. This includes
our high-margin deep-water positions.

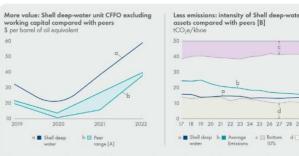
Across our upstream portfolio we are targeting an of return of 15% or higher. We do not anticipate a frontier exploration entries after 2025 [A].

From the beginning of 2023 until the end of 2025, hove started projects with a total peak production 500,000 barrels of oil equivalent a day. Around 4 projects are in deep water. They include the US G Mexico, where we are the leading operator and h the lowest GHG intensities in the world for oil proc

As we continue to meet the world's demand, we w on the strengths of our current portfolio to continue lower-carbon barrels with higher margins.

Shell Energy Transition Strategy 2024

[A] A frontier entry refers to Shell participating in new exploration activities exploratory driffing) outside countries where hydrocarbons have been (by Shell or other companies).

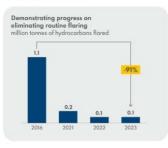


Shell Energy Transition Strategy 2024



Decarbonising our operations
As a responsible energy producer, we are implementing carbon management plans and reducing carbon emissions from our assets. We are looking at ways to electify our offshore all facilities, and using wind and solar power to reduce operational emissions. We see carbon capture and storage (CCS) as a core technology to further capture emissions from our facilities, reusing our own depleted oil and gas fields where possible.

We are working towards our target to eliminate routine flaring from our upstream operations by 2025, five years ahead of the World Bank's initiative [A]. Routine flaring burns gas that is not used or reinjected into wells, which is inefficient and contributes





Transforming our businesses to offer more low-carbon solutions while reducing sales of oil products

We are reshaping our Downstream, Renewables and Energy Solutions businesses with a more focused geographic portfolio of products to deliver more value with less emissions. We aim to lead in the energy transition in areas where we have competitive strengths, see strong customer demand, and identify clear regulatory support from governments.

We are starting from a place of strength. Our global customer reach, and our supply and trading capabilities in low-carbon products, mean we are well placed to profitably deliver the low-carbon solutions people and businesses need. We are also able to identify changes in demand for products so that we can respond quickly.

respond quicay.

In the transport sector, for example, we see attractive growth opportunities in charging for electric vehicles and in biofuels for cars, trucks, planes and ships. We are strengthening these businesses to support our customers as they decorbonise and move from oil products to lower-carbon alternatives.

As the energy transition evolves, we expect that gr demand for all products for transport will slow, on decline. We are transforming our refinery portion targeting value over volume in our marketing busin a result, we will sell less all products and more low products.

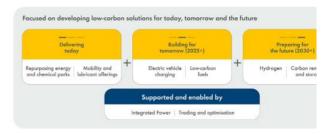
- products.

 Our strategy is to:

 Repurpose our remaining integrated refineries to four regional energy and chemicals parks, provii molecules such as biofuels and hydrogen to help: customers decorbonise.

 Transform our marketing business by gradually in exposure to oil products used for transport, whill our product mix by investing in areas such as ele charging, biofuels, and integrated power.

 Use technology and innovation to develop the b models and fuels of the future. The strength of a copabilities, coupled with our own production, v help us deliver affordable and low-carbon soluti for our customers.



We will continue to grow our trading business in low-carbon molecules, carbon credits and power as the energy transition accelerates.

Delivering today

Today, we are repurposing our remaining integrated refineries to focus on four regional energy and chemicals parks, which we are transforming into the low-carbon hubs of the future. As part of this process, we have completed the strategic review of our Energy and Chemicals Park Singapore with divestment as our preferred option. We are also high-grading our European energy and chemicals parks. This means retiring certain units and continuing with some divestments we have already announced.

onnounced.

We are looking to strengthen our global retail and lubricants marketing businesses as the energy transition evolves, meeting the changing needs of our customers, and making value-driven choices region by region. That means growing our portfolio of low-carbon fuels and charging for electric vehicles in markets that meet our investment criteria such as China, Europe and the USA, and reducing our presence in others. As an example, we have signed an agreement to sell our shareholding in Shell Pakistan.

Oil for lubricants and chemicals

Oil for lubricants and chemicals Most of the oil products sold by Shell are used in the transport sector. We estimate that 15-20% of the total oil products we sell are used for non-energy products such as lubricants and chemical products. Chemicals are used in many parts of modern life, from cosmetics to household goods. Lubricants are needed for virtually every machine and engine in operation. As these products are not combusted, their use does not cause Scope 3, Cotegory 11 emissions. In 2023, Shell invested \$2.3 billion in producing non-energy products including lubricants, chemicals, convenience retailing, agriculture and forestry, construction and road.

We are upgrading our retail network, with expanded electric vehicle charging and convenience offers, in response to changing customer needs. In total, we plan to divest around 500 Shellowand sites (including joint ventures) a year in 202 and 2025. We are growing our premium lubricants portfolio to supply key energy transition sectors such as transformer oils used for offshore wind partis, and cooling fluids to support the development of electric vehicle car batteries.

Supply, logistics and trading play a crucial role in ensuring we meet our customers' needs and generate strong returns. Our world-leading trading and optimisation business genera additional value by connecting supply and demand, for both conventional and low-carbon fuels across our global businesses. We will continue to grow our trading business in low-carbon molecules, carbon credits and power as the energy transition accelerates.

Building for tomorrow (2025+)

To build the businesses of tomorrow, we continue to strengthen our offer of low-carbon solutions where we see a significant increase in customer demand and supportive government policies. Between now and 2030, we are focusing on three areas where we have the potential to positively impact the energy transition by reducing the cost for our customers - electric vehicle charging, biofuels and integrated power.



Shell's strategy to 2030 continued





We are growing our electric vehicle charging business to support customers who choose to change from a petrol or diesel vehicle to an electric one. We are focusing on offering our customers choices where we see increasing demand, such as in the fast-growing electric mobility markets of China and Europe. We aim to increase the number of public charge points we operate to around 200,000 by 2030, from around 54,000 today.

Scaling our network of public EV charging points Thousands 120 90 ~70 54 c 🔳 China d Asia e III Other

We are focusing on public charging, rather than home charging, because we believe it will be needed most by our customers. We have a major competitive advantage in terms of locations, as our global network of service stations is one of the largest in the world. We have other competitive advantages, such as our convenience retail offering which allows us to offer our customers coffee, food and other convenience items as they charge their cars. As we grow our business offering charging for electric vehicles, we expect an internal rate of return of 12% or higher.

We are expanding our world-leading biofuels busi growing customer demand and where we can use of our supply and trading positions. Aviation and a remain some of the slower-to-decarbonise sectors « require low-carbon molecular solutions such as bio synthetic hydrogen-based fuels at scale in the futur

Shell is already one of the world's largest energy to blenders of biofuels selling significantly more lower than we produce. We expect to continue to grow own production and soles of biofuels in the coming

own production and sales of biofuels in the coming. We are focusing on producing premium biofuels is sustainable aviation fuel, renewable diseal and renotural gas (RNG). These fuels will help to reduce commercial road transport. To support our production to the produce commercial productions of the production of the

volumes. Through our Raizen joint venture in Brazil we are a largest producer of second-generation ethanol and sugar-cane ethanol producer globally. To support demand for bioulest this decade, we are developin second-generation technologies. We are also devi technologies and feedstocks that aim to allow con and sustainable growth in biofuels while minimising on the environment and food supplies.

Following the 2023 acquisition of Nature Energy, the largest producers of RNG in Europe, we have position in RNG. We are actively looking for more opportunities to meet emerging demand for RNG, north-west Europe. We expect to generate an interest enter of more than 12% from our new investments

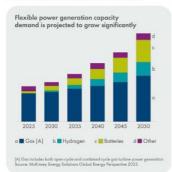
Shell's strategy to 2030 continued



We will continue to grow our integrated power business with selective investments in renewable power generation. We will also use the strength of our trading and optimisation capabilities to meet the growing need for flexible power storage solutions such as batteries. We already have a significant presence in battery and storage through both our ventures programme and investments in research and development.

and development. We are making disciplined choices to create value from our power portfolio, stepping back from activities that do not fit our strategy or that do not generate enough returns. We have exited renewable projects in relead and France, and sold our home energy businesses in the UK and Germany. We are facusing on selling power, including renewable power, to business customers. We are also using renewable power to decarbonise our own operations.

Over time, we will also use our renewable power capacity to produce low-carbon molecules such as hydrogen. We expect returns from power generation to be in line with the market, at around 6.8% ungeared, with opportunities to create higher returns from areas such as trading and optimisation.



Preparing for the future (2030+)

This decade, we are also focusing on developing integrated energy hubs, select carbon capture and removal businesses, such as CCS, and fuels of the future, such as hydrogen, to prepare to meet our customers' needs after 2030.

We plan to create integrated energy hubs around our energy and chemicals parks in North America and north-west Europe, and other locations where we see significant potential for high growth in demand in the future. These include Australia, Brazil, China and India. We will be focusing our investments in these hubs as we integrate our businesses and trading capabilities to deliver affordable low-cost solutions to our customers.

We are researching the development of fuels such as liquefied synthetic gas (ISG), which is produced when renewable hydrogen is combined with captured carbon disoxide (CO₂) to create natural gas, which is then liquefied. This low-carbon gas can be directly used in existing gas networks and infrastructure, including IMG plants.



Shell's strategy to 2030 continued



We are developing technologies related to carbon capture and storage [CCS] and carbon removals, which are necessary to reduce emissions where there are few low-carbon alternatives. For the rest of this decade, we will direct most of our investments in CCS towards decarbonising our own operations.

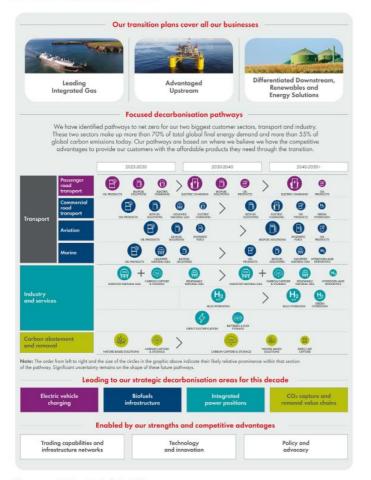
We are also looking to turn this into a profitable business for Shell by helping other companies decarbonise their operations in the future. However, in many countries CCS still lacks a clear business model. To address this challenge, Shell advocates policy mechanisms to enable CCS, and supports industry partnerships dedicated to the growth of commercially viable CCS projects.

Priore to a copture (DAC) technology can also play a key role in the energy transition. We are aiming to make it more affordable and scalable through several pilot projects. DAC extracts CO₂ from the air to provide a carbon feedstock for synthetic products, or when coupled with transport and storage, to enable it to be stored underground.

In combination with carbon capture and removal technologies, a functioning global carbon market will be a critical enabler of an accelerated energy transition. We are actively participating in carbon markets, and building and managing a diverse portfolio of high quality carbon credits, including nature-based and non-nature based solutions, to help our customers decarbonise.



Shell's strategy to 2030 continued



More value with less emissio our actions

Putting our strategy into action across all our businesses

Our beliefs about the energy transition inform our strategy to deliver more value with less emissions. Our strategy is based on the areas where Shell has unique competitive strengths, allowing us to be a successful business through the energy transition.

Growing our world-leading LNG business with lower carbon intensity
As we grow our world-leading liquefied natural gas (LNG) business by 20-30% by 2030, we will continue to reduce the

Our ING joint venture in Canada (Shell interest 40%, non-operated) will use natural gas and renewable electricity to reduce emissions from the plant by more than one-third compared with the world's best performing facilities when it starts up. The commissioning pracess is expected to begin in 2024 and will continue into 2025.

In Qatar, Shell is a partner in the North Field Expansion, the largest LNG project in the world. It comprises the North Field East (Shell interest $\dot{\alpha}.25\%$) and North Field South (Shell interes 9.375%) projects.

By using carbon capture and storage, these projects will help provide ING with a lower-carbon footprint to our customers. Shell's share of these projects will be around 3.5 million tonnes per annum (mtpa) of ING when production starts later this decade.

shall is working with shipping companies to help decarbonise the marine sector. Parts of the marine sector uses ING to power some of its ships, with the aim of switching to liquefied biomethene or liquefied e-methane, a hydrogen-based fuel, in the longer term.

Artificial intelligence for LNG



Reducing methane emissions

We continue to enhance the accuracy of our reported methane emissions and reduce emission sources across Shell-operated assets. By the end of 2023, around 80% of lugitive-emission sources at our operated oil, gas and LNG production facilities used leak detection and repair programmes to tackle leaks and monitor equipment.

programmes to tackle leaks and monitor equipment. Shell works with others to share our learnings and drive industry-wide action on methone operations. We are a founding signatory of the Oil and Gas Methane Partnership (GOMP) 2.0 reporting framework and have been implementing the framework in our operated and nonoperated assets, engaging with our non-operated jointventure partners to achieve improved accuracy or reporting beyond our operations.

We test and use latest technologies to monitor our emissions. In 2023, we successfully completed a pilot with GHGSat, a pioneer in method edetaction, to test satellite capabilities for monitoring methone emissions from offshore facilities. The aim is to use this technology more widely in the future.

We have also been using drones and satellites to monitor the methane emitted during the production and processing of natural gas, and the export of LNGs. This has helped us reduce wells maintenance periods and carefully control gas dryness during processing to limit venting. We have reduced vented methane emissions at our GGC business in Gueensland by more than 2,800 tonnes since 2017.

Consistently ahead of the industry leading average [A] Methane emissions intensity % 0.4 0.3 0.2 0.1 0.0 2018 2019 2020 2021 2022 2023 Year a Industry leading average b Shell [B]

(A) Againgated overage per formance of CNI and Gos Limite installer companies.
(B) Methore emissions intensity from et all carding an austi for which Shell is that operator that market their gas (including INC and CTL assets) defined as the total volume of methore emissions in scenal cubic meter (Nm²) per total volume of any aveights for sole in Nm².

Cutting emissions from oil and gas production in our Upstream business

In our Upstream operations, we are cutting emissions from oil and gas production to meet our targets, which are some of the most ambitious in our industry. Reducing operational emissions is a key factor in the development of new projects.

Our Vito deep-water platform (Shell interest 63.1%) in the Gulf of Mexico is one of our newest platforms and has a peak production of 100,000 barrels of oil equivalent a day. The platform is expected to reduce carbon dioxide (CO₂) emissions by around 80% over its operating life, compared with its original design. In addition to the reduced emissions, Vito also cst 70% less than the anticipated cost of the original design, an example of creating more value with less emissions.

Vito's design is being replicated in two other deep-water platforms in the Gulf of Mexico: Whole and Sparta. The Shell-operated Whole project (Shell interest 60%) is expected to start production towards the end of 2024 and is expected to operate with less emissions than Vito. A final investment decision for the Sparta project (Shell interest 51%) was announced in December 2023, with production due to begin in 2028. Shell will use the experience of the Vito and Whale projects to enhance the design and energy efficiency capabilities of Sparta.

Ver are reducing the carbon intensity of new projects elsewhere. Timi in Malaysia (Shell interest 75%) is our first wellhead platform to be powered by a solar and wind bybrid power system. This unmanned platform, which delivered its first gas in August 2023, is around 60% lighter than a conventiona tender-assisted drilling wellhead platform, helping to reduce the emissions needed to develop the project.



Reducing routine flaring

We are working to reduce routine flaring, which inefficient and contributes to climate change. O target is to eliminate routine flaring from our up operations by 2025 [A]. This commitment challs us to move faster than the World Bank's Zero R: Flaring by 2030 initiative.

In 2023, around 10% of our greenhouse gas em from Baring occurred at facilities where there was infrastructure to capture the gas, which is similar 2022 figure. Overall flaring decreased to 2.8 m tonnes of carbon dioxide equivalent (CO₂e) in 2 from 3 million tonnes of CO₂e in 2022.

[A] Subject to the completion of the sole of SPDC

In Norway, Shell is the operator of the Ormen Lan field (Shell interest 17.8%). This is an underwater for connected to Nyhamna, an onshore processing ar plant. The Ormen Lange is powered by renewable hydroelectricity provided by the Norwegion grid. The source of renewable hydroelectricity provided the source of renewable hydroelectricity provides are the energy needed for Nyhamna. We are installing underwater compression units to increase gas rect the Ormen Lange field, which will also be powerer same renewable hydroelectricity.

Within our Upstream portfolio we have made dive including the sale of our interest in the Malampayc in the Philippines in 2022. The sale sales were strategic moves, which c in reducing our Scope 1 and 2 emissions.

Shell Energy Transition Strategy 2024

Downstream, Renewables and Energy Solutions businesses: offering more low-carbon solutions

by transforming them into energy and chemicals parks. This transformation is under way at Norco in the USA, Scotlord in Canada, Pernis in the Netherlands and Rheinland in Germany.

Lanada, Yernis in the Netherlands and Rheinland in Germany. In January 2024, we took a final investment decision to convert the hydrocracker of the Wesseling site at the Energy and Chemicals Park Rheinland into a production unit for Group III base oils to produce high-quality engine and transmission oils. The repurposing of this refinery is a significant step towards serving our growing lubricant customer base with premium base oils, delivering more value with less emissions. The Wesseling site will stop processing crude oil into petrol, jet fuel and diesel by 2025.

When it starts operations in the second half of this decade, the production unit will be highly electrified and is expected to cut Shelf's Scope 1 and 2 emissions by around 620,000 tonnes a year. This is the latest development in the transformation of Rheinland, which includes investments in a 10-megawatt electrolyser to produce renewable hydrogen and a biomethane liquefaction plant.



Biofuels

We are developing biofuels such as sustainable aviation fuel, renewable diesel and renewable natural gas (RNG) to help our customers decarbonise without having to change their cars, trucks, planes or ships. Shell is one of the world's largest traders and blenders of biofuels, meeting around 6% of globa demand. In 2023, around 9.7 billion litres of biofuels went into our petrol and dissel worldwide, compared with 9.5 billion litres in 2022.

Raizen, our joint venture in Brazil [Shell interest 44%], is one of the world's biggest bioethanol producers, delivering some of the lowest carbon intensity biofuels available today. The majority of the ethanol and cellulasis ethanol produced by Raizen is sold unblended to international customers in markets such as Europe, Japan and the USA. It is used in the transport, pharmaceutical and manufacturing industries, among others.

Roizen produced around 3.12 billion litres of ethanol in 2023, up from around 3 billion in 2022, Roizen's Costa Pinto plant produced 30 million litres of second-generation ethanol mode from inadible agricultural waste in 2023, up from 26 million in 2022. In 2023, the joint venture also commissioned the first of eight advanced biofuel plants which it aims to build in Brazi

In February 2023, we completed the nearly \$2 billion acquisition of Nature Energy, making us one of the largest producers of renewbolle natural gas (RNG) in Europe, RNG, produced by turning organic material such as agricultural waste into renewbolle energy, is a low-corbon fuel that can power trucks and ships. With our partners, Nature Energy owns and operates 13 biogas plants in Denmark and one plant in the Netherlands.

The biofuels plant at the Shell Energy and Chemicals Park Rotterdam in the Netherlands is expected to be one of Europe's biggest once operational in the latter half of the decade. It is expected to be capable of producing 820,000 tonnes of biofuels from waste each year. This facility will have the capacity to produce enough renewable disease to avoid 2.8 million tonnes of carbon emissions a year.

Sustainable aviation fuel (SAF) could account for more Sustainable dividation the ISAPT could account for more than half of the plant's biofules capacity, with the rest being renewable diesel. Shell can adjust this mix to meet changing customer demand. SAF currently accounts for less than 0.1% AF production fuel. Shell's investment will help increase SAF production, which is vital if aviation is to cut carbon emissions. To support our biofuel production capacity, we are also investing in new feedstocks for biofuels. In 2022, Shell acquired waste recycling company EcoOlls which produces advanced biofuels feedstock it is facilities in Mollaysia and Indonesia. This will enable the production and supply of low-carbon fuels like SAF to customers. We also invested in agroforestry company Investancia Group (Shell interest 30%) in 2022. Together, Shell and Investancia are using degraded cuttle fand in Paraguay to plant pongamia ail trees to grow sustainable feedstock to make biofuels.



Lower-carbon race fuel for Scuderia Ferrari

Lower-carbon race fuel for Scuderia Ferrari Shell has developed a race fuel containing 10% of second-generation bioethonol for Scuderia Ferrari to us in its Formula 1 racing cars. We use digital simulation predict the combustion behaviour and performance of each fuel blend to significantly reduce the development time, and maximise performance and efficiency. The tea is now working an a 100% sustainable race fuel, which includes several different sustainable fuel components, to meet requirements for the 2026 Formula 1 season.

Electric vehicle charging

Shell is well positioned to become a profitable lear charging for electric vehicles, meeting the growing from drivers who need to charge on the go.

and arrives won lead to coarge on the go.

At the end of 2023, we had around 54,000 public points for electric vehicles at Shell forecourts, on at locations such as supermarkets. This was up from 2 2022. We expect to have around 70,000 public c by 2025 and around 20,000 by 2030. Shell Rer our public charging network, currently operates in 33 countries.

We opened our largest electric vehicle charging st in the world in China, the world's largest market fo September 2023. The 258 fast-charging points at Recharge Shenzhen Airport EV Station serve thous drivers every day. The charging points are partially prooftop solar panels with the capacity to gene 300,000 kilowatt hours of renewable electricity a

The charging station, a joint venture between Shell Chinese electric car manufacture BYD (Shell share has a utilisation rate of two-and-a-half-times the loc China is one of the most important growth markets Mobility business.

In March 2023, we completed the acquisition of V in the USA. We now operate one of the largest pu vehicle charging networks in the country, with mon 3,000 charge points across 31 states and more th 3,400 additional charge points in development.



Integrated power positions

Integrated power positions
Our power business brings together our expertise in generation, trading and marketing. We are making selective investments in renewable generation, batteries and other grid-flexibility technologies, to provide low-carbon solutions to our commercial and industrial customers, and to decarbonise our own operations. We aim to profitably deliver more renewable power solutions, by growing our portfolio in select markets such as Australia, Europe, India and the USA.

At the end of 2023, we had around 2.5 gigawatts [GW] of renewable capacity in operation, 4.1 GW under development and around 40 GW of potential capacity in our pipeline globally, including utility-scale solar and integrated wind-to-hydrogen projects. In 2023, Shell sold around 279 terawatthours (TWh) of electricity, which is more than enough to meet the annual needs of Australia.

In the USA, the solar, wind and battery company Savion, which we acquired in 2021, has started to develop new solar plants. Once operational, they will generate around 500 megawatts (MW) of renewable power.

We are also investing in growing our renewable energy capacity elsewhere. In 2022, we acquired Spring Energy in India and in 2023 we acquired Isemaren in Spain. We are also developing our own positions, such as our Pottendijk and Kaegorspolder solar farms in the Netherlands.

In 2023 in the Netherlands, the Hollandse Kust Noord offshor wind farm (Shell interest 79,9%), which has a generating capacity of 759 MW, became operational. Hollandse Kust Noord will eventually produce the equivalent of almost 3% of electricity demand in the Netherlands. Ecowerde (Shell interest 60%), our joint venture with Eneco, announced plans to develop a 760 MW wind farm nearby called Hollandse Kust West.

We are also developing utility-scale battery storage systems in select markets. In March 2023, we entered into a portnership to deliver a battery storage system in Australia. Shell will have access to 100% of the battery system's offtake over a 20-year period. Completion of the project is expected in late 2024.

Hydrogen

My a continue to invest in the production of hydrogen, looking for ways to expand the technology and reduce costs so that it becomes an affordable and available low-carbon option for the future.

To deliver the full low-carbon potential of hydrogen, we continue to learn about where emissions, including methane, can occur during production and use. We are also identifying opportunities to address them in collaboration with others. We see a role for hydrogen as a feedstock, for example to make synthetic fuels, and as an energy carrier across industry and transport.

At the end of 2022, we started to build Holland Hydrogen 1 in the Netherlands, which will be one of the largest renewabl hydrogen plants in Europe when it becomes operational in the second half of the decode. The 200 MW electrolyser will be powered by renewable energy from the Hollandse Kust (noord) offshore wind farm.

Holland Hydrogen I will help to decarbonise the production of our petrol, diesel and aviation fuel at the Shell Energy and Chemicals Park Rotterdam. In the longer term, the plant could alos supply hydrogen to help reduce emissions in transport and industry.

In Oman, we acquired a 35% interest in Green Energy Oman, which will produce hydrogen from seawater, powered by up to 25 GW of solar and wind energy. Shell is the lead operating partner. The project is expected to be operational by the early part of the next decade and aims to produce around 1.8 million tonnes of hydrogen a year at full capacity.

As a founding member of the H2 Accelerate consortium, Shell continues to work with partners to enable the use of hydrogen to decorbonise long-houl road transport across Europe.

The consortium is trying to develop a programme to make hydrogen a commercially viable fuel for the trucking sector.



Carbon capture and storage (CCS)

Shell continues to work with governments, customers and partners to unlock the potential of CCS to reduce emissions where there are few low-carbon alternatives.

CCS technologies are necessary to meet the temperature goals of the Paris Agreement. However, in many countries CCS lacks a clear business model. To address this challenge, Shell advocates for policy mechanisms and supports industry partnerships dedicated to the growth of commercially viable

By the end of 2023, the Quest CCS facility at the Scotlard upgrader in Canada (Shell interest 10%) had captured and safely stored more than 8.8 million tonnes of CO₂ since it began operating in 2015. We are exploring the possibility of increasing CCS capacity at Quest, initially by 750,000 tonnes a year.

Our Northern lights CCS project (Shell interest 33.3%) in Norway signed contracts in 2023 to transport and safely 1.2 millian tonnes of CO₂ a year. The CO₃ will be shipped two of Ørsted's biomas power plants in Denmark and a ammonia and fertiliser plant in the Netherlands. It will the stored 2,600 metres below the seabed in the North Sea.

is nastral, 2,000 metres below the seaded in the Notin Sed. In Australia, the Gorgon CCS project [Shell interest 25%, operated by Chevron] reported it had stored more than 9 million tonnes of CO₂ equivalent by the end of 2023. In addition to these significant emission reductions, Chevron has confirmed it had acquired and surrendered carbon creat to address historical injection shortfalls. The project started opperating in 2019 and is the largest CCS operation in the world.

Construction of Porthos, Europe's largest CCS facility, will begin at the port of Rotterdam in 2024. Shell will be the biggest customer, supplying 1 million tonnes of CO $_2$ a year The captured CO $_2$ will be transported to empty gas fields under the North Sea around 20 kilometres off the Dutch cost. This will reduce the Netherlands' annual CO $_2$ emissions by around 2% for 15 years from 2026.

In 2023, Shell and Esso were jointly awarded thre in the UK's first-ever carbon starage licensing rouni venture (Shell interest 50%) will evaluate three site North Sea for the potential storage of CO₂ captur transported from industrial facilities in the UK.

Also in 2023, Shell's CANSOLV® carbon capture won a bid for deployment at a CCS plant in Abu $\rm L$ The plant will capture and permanently store 1.5 m of $\rm CO_2$ a year.



Direct air capture

Direct air capture
Shell's research programmes have been develoy technology to directly remove carbon from the atmosphere for several years. In 2023, we took the decision to build a direct air capture (DAC) demonstration unit at our technology research. In Houston, Texas, USA. The aim of the project, has a targeted start-up date of 2025, is to proviability of Shell's solid sorbent technology. The being developed by a diverse team of Shell scie engineers and technical experts across the glob

Integrated energy hubs

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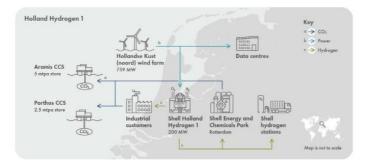
As part of our approach to the energy transition, we are developing integrated energy hubs to reduce our own emissions and those of the products we sell. At our Energy and Chemicals Park Rotterdam in the Netherlands, for example, we are integrating biofuels, hydrogen and CCS into our existing facilities.

We have started to build Holland Hydrogen I which will help to decarbonise fuel production at the nearby energy and chemicals park once operational. The hydrogen plant will be powered by renewable energy from the Hollandse Kust (noord) affshore wind farm.

Some of the emissions from the energy hub will be captured and stored under the North Sea by two CCS projects once they are in operation. These are Porthos, where we are the biggest customer, and Aramis, a joint venture.

As the market develops, we will seek opportunities for future projects and use our customer relationships to meet increasing demand for low-carbon solutions.





Carbon credits

Carbon credits can make an important contribution to our target to become a netzero emissions energy business. They may be used by Shell and its customers to compensate emissions in line with the mitigation hierarchy of avoid, reduce and compensate.

and compensate.

We are clear that carbon credits need to have a robust carbon benefit and deliver a positive impact on ecosystems and communities. We work closely with local partners to ensure that the carbon credits projects we invest in are of a high quality.

We select projects that are certified under credible and independent carbon credit standards. These include the Verified Carbon Standard, Gold Standard and the American Carbon Registry. We do this to ensure that the carbon credits are real and verifiable, and that issues such as permanence, additionality and leakage have been adequately considered.

We also help develop and buy carbon credits generated by other nature-based projects and by technologies. We carefully source and screen the credits we purchase and retire from the market.



In 2023, Shell's net carbon intensity (NCI) account million carbon credits, of which 4 million were links of energy products. Of the 20 million tonnes of car retirements included in Shell's NCI metric for 2023 certified by Verray, 9% by the American Carbon rep by Gold Standard, and less than 1% via Australian Credit Units.



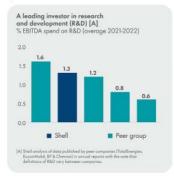
Tracking SAF with blockchain

We are using new technologies to power our U₁ and Downstream assets, improve our trading an operations, and deliver compelling new materia and molecules.

Aveilia, a business model developed in partnersl with Accenture and American Express Global B Travel, uses blockchain to help our customers se and transparently track emissions reductions an environmental attributes of the sustainable avial they acquire, tracing it from production through to delivery into aviation fuelling networks.

Technology and innovation

Built on more than 125 years of technological innovation, our company's future performance depends on the successfu development, demonstration and commercial deployment of new technologies and new products. In 2023, research and development expenditure on projects that contributed to decorbonisation was around \$628 million, up from around \$440 million in 2022. The 2023 figure represents around 49% of our total expenditure on research and development, up from around 41% in 2022.



Our technology and innovation portfolio helps to deliver Shell's

- Our technology and innovation portfolio helps to deliver shell's strategy by:

 Achieving more value with less emissions across our core businesses today. For example, the Just Add Water System, developed by Shell, uses a software system to reduce fuel costs for marine vessels and the GHG emissions they emit.

 Creating the low-carbon products and solutions of tomorrow, such as our CANSOLV® carbon capture technology which
- will be deployed on the world's largest CCS plant in Abu
- Exploring the transformative technologies of the future, such as renewable hydrogen, direct air capture, and heat and power storage solutions.

The technologies and business models we are developing will shape the products and services we offer our customers in the transport and industry sectors.

transport and industry sectors. At our Zhuhai plant in China, which produces lubricants and greases, we have introduced a thermal energy storage system. This system replaces diesel fuel with renewable electricity to generate the process steam required for manufacturing lubricants. The storage system will optimise steam production and is expected to reduce the use of diesel by 300 tonnes and CO₂ emissions by more than 900 tonnes a year. By demonstrating the benefits of this type of system on a Shell facility, we are in a position to encourage and support the decarbonisation of our customers.

We invest in the latest energy technologies through our partnerships with start-ups and leading academic institution. For example, we are working with Imperial College London in the UK to develop new technologies, with a particular focus on electric vehicles, lubricants, energy storage, CCS, and materials.

Powering industry through investments

Shell Ventures invests in start-ups and bigger compa that seek to electrify energy systems, decarbonise transport, gain data-based insights and provide innovative customer solutions.

In 2023, we invested in a German company called Kraftblock, which has created energy storage systems to help the inclustry sector switch from fossil fuels to renewable energies. The technology also allows customers to recycle waste heat.

Shell Ventures is a partner with Norwegian company Corvus Energy, a leading supplier of safe, innovative and reliable energy storage solutions for the maritime industry. The company's battery storage systems repla diesel and bunkering oil, thereby reducing emissions. The storage systems are used on vessels in Shell's operations in the Gulf of Mexico.

Our actions continued

Climate policy engagement

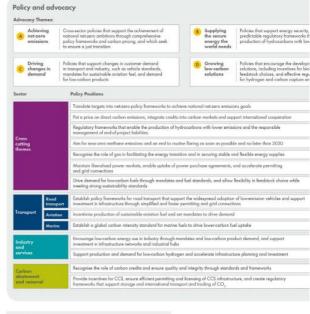
Comprehensive, coherent and consistent policies are a crucial part of the journey to net zero. With the right policy and regulatory conditions, we can profitably increase our investments through the energy transition. We advocate robust policies, legislation and regulations in areas where we can best support the decarbonisation of our customers and reduce our

Our advocacy, directly to governments, and indirectly through industry associations and coalitions, is a key part of our strategy. Shell engages with governments, regulators and

policymakers in different ways to help shape policy and regulation.

Our public policy positions serve as a framework four advocacy with governments, international orgindustry associations, and other stakeholders, glob regionally and within countries. In using the position recognise that the pace of the energy transition will around the world.

In the table below, we show how our advocacy folkey areas which we believe are critical to the energed will support Shell's strategy.



Read more about our policy positions on Shell.com/advacacy-and-political-activity

Our actions continued



Advocacy in action

Advocating policies that encourage demand for and incentivise investment in low-carbon solutions is a key part of our engagement with governments and regulators.

In the USA, for example, we advocate permits for projects to be granted faster and with fewer hurdles. Delays, caused in part by prolonged litigation, negatively impact the delivery of projects.

We believe reform of the permit system will help to deliver new projects relating to the Infrastructure Investment and Jobs. Act and the Inflation Reduction Act. To achieve this reform, we have constructively engaged in legislative negotiations in the House of Representatives and Senate to advance bipartisan legislative solutions.

In the EU, Shell is advocating policies to enable commercial investments in the energy transition, notably the creation of demand for low-carbon solutions.

We supported the Fit for 55 package, including binding targets for the use of renewable hydrogen and advanced biofuels. We supported policies to accelerate the electrification of road transport and frameworks that help the business case for carbon abatement and removal.

In Brazil, we advocate the establishment of a national emissions trading system (ETS), which is a form of carbon pricing. We believe this would incentivise dearbonisation at the lowest cost, and support the long-term development of a global carbon market. The ETS is awaiting a final review by the Federal Senate, after which it is expected to be written into law.

In the Asia-Pacific region, Shell is working with local and national governments to develop policy and regulatory frameworks for CCS. The creation of cross-border CCS hubs in the region could benefit multiple industries across the region.

In 2024, Shell and ExxonMobil were selected to work with the Singapore government as lead developers for a cross-border CCS project that could store at least 2.5 million tonnes of carbon dioxide a year by 2030.

Our actions continued



Shell Energy Transition Strategy 2024

Targets, ambitions and performance continued

Our target is to become a net-zero emissions energy business by 2050

It includes netzero emissions from our operations, as well as netzero emissions from the end-use of all the energy products we sell. In the short and medium term, we have set climate targets for emissions that we are able to control, namely our Scope 1 and 2 emissions, methane emissions, and flaring.

We have also set climate targets and ambitions for emissions that are outside our control. These include our ambition to reduce the Scope 3, Category 11 customer emissions from the use of our all products, and our target to reduce the net carbon intensity of all the energy products we sell.

Targets ambitions



Emissions from our own operations (Scope 1 and 2)







Emissions from the products we sell (Scope 3)



Oil products ambition Reduce customer emissions from the use of our oil products by 15-20% by 2030, Scope 3 Category 11 [C] (2021 reference year)

Reducing our absolute Scope 1 and 2 emissions

In October 2021, we set a target to halve the emissions from our operations (Scope 1), plus the energy we buy to run them (Scope 2), by 2030 compared with 2016 levels on a net basis.

To decarbonise our operations, we are focusing on:

- To decorbonise our operations, we are focusing on:

 making portfolio changes such as acquisitions and investments in new, low-carbon projects. We are also decommissioning plants, divesting assets, and reducing our production through the natural decline of existing oil and gas fields;

 improving the energy efficiency of our operations;

 transforming our remaining integrated refineries into low-carbon energy and chemicals parks, which involves decommissioning plants;

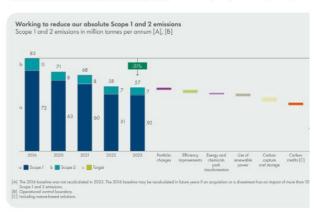
 using more renewable electricity to power our operations;
 and

 developing carbon capture and storage (CCS) for our facilities.

If required, we may choose to use high-quality carl offset any remaining emissions from our operations the mitigation hierarchy of avoid, reduce, and com

The chart below shows our progress since 2016 in our Scope 1 and 2 emissions and gives an indicati we expect to achieve our target in 2030. The acti take to achieve our target will depend on the evol asset partfolio and the continued development of t that reduce carbon emissions.

that reduce carbon emissions. We expect that on a net portfolio basis, new invess across our portfolio will increase our Scope 1 and 1 between 2024 and 2030, but this increase will be by planned divestments and natural decline. Our in producing low-carbon energy such as biofuels w our Scope 1 and 2 emissions, while reducing the intensity of the products we sell. Subsequent reducemissions are reflected in the mechanisms outlined reflect an expected path to meeting our target in 2

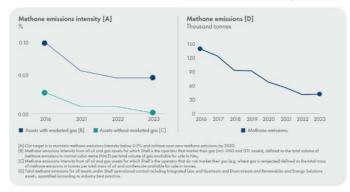


Our direct GHG emissions (Scope 1, operational control boundary) decreased from 51 million tonnes of carbon dioxide equivolent (CO₂e) in 2022 to 50 million tonnes CO₂e in 2023, driven by several factors including: diversments in 2022 (e.g. Deer Park and Mobile refinery, Tunisia Miskar concession, offshore Barram Delta Operations (BDO) PSC and Block SK307 PSC in the Philippines) and handover of operations in CML 11 in Nigeria in 2022: unplanned downtime (e.g. Deer Park Chemicals): reduced flaring from assets including Shell Nigeria Exploration and Production Company (SNEPCo): reduction activities and purchase of renewable electricity. These decreases were partly offset by Shell Polymers Monaca having more units online in 2023 and higher emissions from our Pearl gas-to-liquids plant and our Prelude floating liquefied natural gas facility with increased production.

Methane emissions

Methane emissions include those from unintentional leaks, venting and incomplete combustion, for example in flares and turbines. Our target to maintain methane emissions intensity below 0.2% continued to be met in 2023. Shell's overall methane emissions intensity was at 0.05% for facilities with marketed gas and 0.001% for facilities without marketed gas und 0.001% for facilities without marketed gas to describe the second of the second product of the second pr

and gas assets in our Upstream and Integrated Gas businesse by 70% since 2016. In 2023, Shall's total methane emissions by 70% since 2016. In 2023, Shall's total methane emissions were 41 thousand tonnes compared with 40 thousand tonnes in 2022. The increase was due to venting flor example, the maintenance of our Prelluda asset and operational issues in assets operated by Sarawak Shell Behad) and an increase in reported emissions from integrated gas assets in Canada resulting from the adoption of enhanced source level measurements in line with OGMP reporting requirements.



Routine flaring
We are working to reduce flaring, which is inefficient and contributes to climate change. Routine flaring of gas occurs during normal oil production when it is not possible to use the gas or reinject it into the well. In 2021, we brought forward our target to eliminate routine flaring from an upstream operations to 2025 [A] from 2030. This accelerates our commitment of 2015 to end routine flaring as a signatory to the World Bank's Zero Routine Flaring by 2030 initiative.

Total routine flaring from our upstream oil and gas assets remained relatively stable in 2023 compared with 2022 at 0.1 million tonnes, having reduced from 1.1 million tonnes in 2016.

Around 50% of total routine and non-routine flaring in our Integrated Gas and Upstream facilities in 2023 occurred in assets operated by the SPDC and Shell Nigeria Exploration and Production Company (SNEPCa). On January 16, 2024, Shell reached an agreement to sell SPDC to a consortium of five companies, subject to approvals by the Federal Government of Nigeria and other conditions.

[A] Subject to



Reducing net carbon intensity

We have set targets to reduce the net carbon inte of the energy products we sell by 9-12% by 2024, 2025, 15-20% by 2030, and 100% by 2050.

The intended use of the NCI metric is to track progreducing the overall carbon intensity of the energy sold by Shell. Net carbon intensity of the energy sold by Shell. Net carbon intensity measures emissi associated with each unit of energy we sell, compa a 2016 baseline. It reflects changes in sales of oil a products, and changes in sales of low and zero-car products, such changes in sales of low and zero-car products, such cases.

Unlike Scope 1 and 2 emissions, reducing the net of intensity of the products we sell requires action by and our customers, with the support of government policymakers to create the right conditions for chair conditions.

Our focus on where we can add the most value has a strategic shift in our power business. We plan to be our integrated power business, including nenerable in places such as Australia, Europe, India and the U withdrawn from the supply of energy directly to han because we do not believe that is where our strengt

because we an onto relever that is where our strengt in line with our shift to prioritising value over volum we are concentrating on select markets and segme example is our focus on commercial customers moi customers. Siven this focus on value, we expect grower sales to 2030 will be lower than previously This has led to an update to our net carbon intensi are now targeting a 15-20% reduction by 2030 in corbon intensity of the energy products we sell, co 2016, against our previous target of a 20% reduct

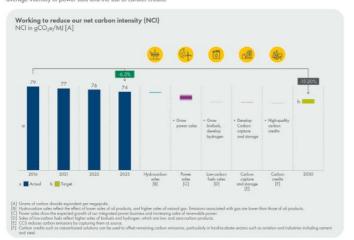
Acknowledging uncertainty in the pace of change transition, we have also chosen to retire our 2035 a 45% reduction in net carbon intensity.

The biggest driver for reducing our net carbon inte increasing the sales of and demand for low-carbon The chart on the next page illustrates how change volume of products and services we sell could resu carbon intensity reductions through to 2030.

The change in our sales of these products and servalso reflect the development and adoption of new and infrastructure, and the adoption of public polis designed to encourage the energy transition.

In 2023, Shell's NCI was 74 grams of carbon dioxide equivalent per megajoule of energy (gCO₃₀/MJ), a 2.6% decrease from the previous year and a 6.3% reduction compared with 2016, the base year. The decrease in Shell's NCI in 2023 was mainly achieved through a reduction in the average intensity of power sold and the use of carbon credits.

The power intensity reduction was driven mainly by progress in grid decarbonisation in key markets such as the USA and Europe, and partly by increased sales of nenewable power, including the retirement of Renewable Energy Certificates.



We undertake external verification of our GHG emissions annually. Our Scope 1 and 2 GHG emissions from assets and activities under our operational control and emissions associated with the use of our energy products (Scope 3) included in our NCI have been verified to a level of limited assurance.

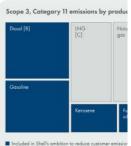
Ambition to reduce customer emissions from the use of our oil products

We have set a new ambition to reduce customer emissions from the use of our oil products by 15-20% by 2030 compared with 2021 [Scope 3, Category 11]. That is more than 40% compared with 2016 reported emissions. [A] This level of ambition is in line with the European Union's climate goals in the transport sector, among the most progressive in the world.

Achieving this ambition will mean reducing sales of oil products, such as petrol and diesel, as we support customers as they move to electric mobility and lower-carbon fuels, including natural gas, LNG and biofuels.

[A] Customer emissions from the use of our of products (Scope 3, Category II) were 517 million townes carbon disaside equivalent [CO₁e] in 2023, 569 million townes CO₂e is 202 and 819 million townes CO₂e in 2016. Of the 40% reduction by 2030, around 9 percentag points are related to valumes associated with additional contracts being classified as held I





■ Included in Shell's ambition to reduce customer emissio from the use of our oil products by 15:20% by 20:30 compared with 2021 (Scope 3, Category 11)

|A| Continuer emissions from the use of our oil products (Scope 3), C. www. \$17 million tomes conbon dioxide equivalent (CO,a) in 20 million tomes CO,e in 2021.
|B| feeching before Good and to the CO,a) in 20 million from CO,e in 2021.
|C| laqueled externel gas to flexible placement of the CO,a) in 20 million from CO.
|C| laqueled externel gas to CD. I laqueled externe



Shell Energy Transition Strategy 2024

Targets, ambitions and performance continued



Paris alignment

The Paris Agreement aims to strengthen the global response to the threat of climate change by "holding the increase in the global average temperature to well below 2°C above pre-industrial levels and pursuing efforts to limit the temperature increase to $1.5\,^{\circ}\mathrm{C}$ above pre-industrial levels".

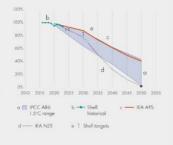
Shell supports the more ambitious goal of the Paris Agreement, which is to limit the rise in global average temperature this century to 1.5°C above pre-industrial levels.

temperature mis century to 1.3°C obove pre-industrial levels. There is no established standard for aligning an energy supplier's decarbonisation targets and ambitions with the 1.5°C temperature goal of the Paris Agreement. For this reason, we have defined our net carbon intensity target using 1.5°C scenarios developed for the Intergovernmental Panel on Climate Change (IPCC) Sixth Assessment Report (AR6).

Report (ARG),
We start with the complete set of 1.5°C scenarios [A]
and then exclude scenarios which are too reliant on carbon
removals or use of bioenergy before removing outliers.
We then colculate an emissions intensity for each scenario
which is comparable to our own net carbon intensity.
Finally, we produce a 1.5°C pathway based on the
reductions in emissions intensity over time. We have chosen
to use a range instead of any individual scenario to better
reflect the uncertainty of the energy transition.

We believe that using this pathway to set our targets demonstrates that they are aligned with the more ambitious 1.5 °C goal of the Paris Agreement. This is illustrated in the









We are committed to our target to become a net-zero emissions energy business by 2050.

To achieve net zero, we will reduce emissions from our own operations, change the mis of the energy products we sell and grow new carbon removal and obstement businesses. At the same time, we will work to help advance the critical factors required for the world to achieve net zero.

Critical factors on the path to net zero

The scale of the energy transition requires fundamental change in both supply and demand. It will take supportive government policies, advances in technology and investments by companies across all parts of the economy to achieve this.

We advocate policies, legislation and regulations in areas where we can best support the decarbonisation of our customers, reduce our own emissions and help accelerate the energy transition.

To help stimulate demand, we are investing in scaling up low-carbon solutions so that they become an affordable choice for our customers. Through partnerships with startups and leading academic institutions, we are also helping to develop the technologies of the future that will be critical to achieving net zero such as direct air capture, renewable hydrogen and heat and power storage solutions.

Multi-energy business
There remains significant uncertainty around the sh
of the future energy system. As a result, we are de
a multi-energy portfolio that has the flexibility to re
uncertainty, and that will allow us to remain a succ
business and achieve net-zero emissions.

business and achieve netzero emissions.

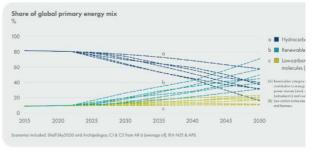
By 2050, we expect that low-carbon products and will have grown to become a material part of our p.

These solutions will be in the form of sustainable bit will be used in slight of the solutions will be in the form of sustainable bit will be used in slight of the solutions. The solution is solution to the solution of the s

At the same time, we will have focused our oil and businesses on projects with higher margins and lov emissions, while pairing these projects with carbon and storage to further reduce emissions.

and stronger to itame reduce emissions. In addition to our energy sales, a core part of our libusiness will be helping customers to decarbonise where we have competitive advantages, including carbon and storing it, or by using the carbon to products such as hydrogen.

While the journey to net zero will include significar it also presents many opportunities. Through the ar taking today, we are positioning Shell to deliver m with less emissions as we transform into a net-zero energy business.







A just transition

A successful energy transition depends on more than financial investment and technological advances. It also needs to be a just transition, which means a fairer distribution of the costs and benefits of the world's transition to a net-zero emissions energy system.

Shell aims to contribute to a just and inclusive transition by making a positive economic and social impact on commun workers and customers.

Closing the energy access gap
Today, around 675 million people do not have access
to electricity and 2.3 billion lack access to clean cooking
facilities, according to the UN Department of Economic
and Social Affairs.

Shell has pledged \$200 million as part of a broader initiative to help people get access to energy in the near and medium term. The initiative aims to help millions of people in underserved communities in sub-Saharan Africa, India and South-east Asia get access to electricity and improved cooking conditions.

Skills for the ruture
As more jobs are created in renewable energy, it is import
to provide workers with the opportunity to learn new skills
This requires robust dialogue and collaboration between
governments, businesses and the workforce.

We are aliming to help 15,000 people in the UK get jobs with a focus on the energy transition by 2035. Shell, together with its partners, is supporting the creation of two energy transition skills habs in Scotdand and one in Wales. The facilities, which are expected to open in 2024 and 2025, aim to provide people with skills for the future, such as in wind turbine maintenance and heat pump installation.

In 2023, around 6,900 Shell employees – up from around 4,000 in 2022 – completed courses linked to the energy transition, including hydrogen production, carbon capture and storage, and greenhouse gas and energy manageme

We use our existing structures to expand social dialogue with employees, employee representative bodies, relevant local government agencies and communities to address the social aspects of the energy transition and to advance human rights and labour rights.

Regular opportunities

Equally of opportunity for groups that have been traditionally under-represented in energy is an important element of a just transition. Shell has set an ambition to become one of the most diverse and inclusive organisations in the world. This is embedded in our company strategy and applies to all parts of our business. We currently priorities four areas: gender, are and ethnicity, IGBT+ and disability inclusion and enablement.

Communities

At our Pottendijk wind and solar power park in the
Netherlands, which opened in 2023, we are sharing
the proceeds from the renewable energy we generate.

Over the next 16 years we expect to pay around \$2 million
into a community fund, which the municipality of Emmen
will use as the community sees best.

In Nigeria, Shell-funded investment company All On has agreed to invest \$11 million in 25 mini-grid projects across the country. The company plans to supply affordable solar energy to communities that need it the most.

Human rights, governments and industry
Respecting human rights is an essential element of a just
transition. Shell is committed to respecting human rights, set out in the United Nations Universal Declaration of Hur
Rights and the International Labour Organization's Declar
on Fundamental Principles and Rights at Work.



Climate governance

Our governance framework is designed to effectively deliver on the energy transition ambitions and targets of our Powering Progress strategy, which seeks to deliver more value with less emissions. The Board reviews our energy transition strategy periodically and oversees its implementation and delivery.

In 2023, the Board considered climate-related matters throughout the year, including the assessment of climate-related risks and the effectiveness of corresponding risk management activities. The Board also challenged and endorsed business plans, including consideration of major capital expenditures, acquisitions and divestments.

capital expenditures, acquisitions and avestiments. Our remuneration policies are designed to challenge and support the Executive Committee (EC) to reduce net carbon emissions, while generating shareholder value. Energy transition targets were part of the 2023 annual bonus scorecard (15% weighting), applicable to the majority of Shell's employees, as well as the 2023 long-term Incentive Plan (LTIP) awards for senior executives (25% weighting) and the 2023 Performance Share Plan (PSP) awards for other employees (12.5% weighting), both vesting in 2026.

Carbon management framework (CMF)

development programmes.

To drive delivery of carbon targets in the 2023 operating plan cycle, our net carbon intensity targets were translated into net absolute emissions budgets for each business. This enabled trade offs within those budgets between emitting carbon and generating shareholder value. We also use carbon metrics (profitability per unit of carbon emitted) in decision-making when comparing different growth opportunities against each other.

For the 2024 LTIP and PSP awards, "Shell's journey energy transition" performance condition retains the weightings as for 2023. The extent to which award will be based on a hollstic assessment of progress reducing emissions from our operations and suppocustomers to reduce their emissions. This will be be our journey to net-zero targets for our own operations.

- Halving Scope 1 and 2 emissions by 2030 unde control on a net basis (2016 baseline); Eliminating routine flaring from upstream operati 2025 [A]; and Maintaining methane emissions intensity below (and achieving near-zero methane emissions by ;

It will also be based on progress in developments the energy transition to 2030 and beyond, such a development of our power business (including rent lower-carbon ING, biotuels, electric whicke chargi hydrogen and carbon capture and storage (CCS). [A] Subject to completion of the sole of SPDC.

We will take into account progress towards achieving a 15-20% reduction in NCI by 2030 (2016 baseline) and a 15-20% reduction in customer emissions from the use of our oil products by 2030 (2021 baseline) [A]. We will also take into account Shell's wider performance in accelerating the energy transition, for example by demonstrating leadership and advocacy in standard setting, clongside any other factors that are considered material.

that are considered material. In 2024, we have adjusted the energy transition measure in our annual scorecard in light of our energy transition strategy update. By doing this, we continued to align to Shell's strategic objective of becoming a net-zero emissions energy business by 2050, supporting a balanced energy transition by responsibly delivering the oil and gas people need today, while helping to build the clean energy system of the future. The metric "Shell's journey in the energy transition" in the annual bonus scorecard represents:

- LNG volumes equity liquefaction;
 Reducing operational emissions operational actions to reduce emissions in support of our target to achieve a 50% reduction in Scope I and 2 emission by 2030, on a net basis; reduction in Scope 1 and 2 emission by 2030, on a net and Supporting customer decarbonisation – electric vehicle charge point roll-out.
- [A] Customer emissions from the use of our oil products (Scape 3, Category II) were 517 million tonnes CO₂e in 2023 and 567 million tonnes CO₂e in 2021.



Energy transition and advisory votes

Shell offered its first Energy Transition Strategy for submission to a shareholder advisory vate at the 2021 Annual General Meeting. The vate offered shareholders an apportunity to engage with and support Shell's energy transition plans. Shell was one of the first companies in the world to introduce such a vate.

In 2022 and 2023, Shell also offered an advisory vote on its progress in putting its energy transition plans into action in the previous year. Following engagements with institutional investors, we found that expectations around issues such as the inclusion of an absolute Scope 3 target influenced the voting decisions of many investors, rather than the progress report itself.

As a result, going forward, the energy transition progress report will be part of the Annual Report and Accounts without an advisory vate, while the Energy Transition Strategy (this publication) will be updated and offered for an advisory vate at least every three years.



Climate litigation

Environmental activists continue to bring litigation against governments and companies for the effects of climate change on individuals and communities around the world.

on individuals and communities around the world. In the Netherlands, Shell is appealing a design from the District Court of The Hague ordering us to reduce worldwide aggregate carbon emissions across Scope 1, 2 and 3 by net 45% by 2030, compared with 2019 levels. The order states that reductions in Scope 2 and 3 emissions should be on a "significant best efforts basis".

We are appealing the decision because we do not believe this is the right solution for the energy transition. By focusing on one company, and only on the supply of energy rather than the demand for it, we believe the ruling is ineffective and even counterproductive in addressing climate change.

t is not clear how Shell can be ordered to reduce the emissions it does not control from customers, who are not under a similar legal obligation to reduce their emissions. The court is also axing Shell to reduce emissions significantly faster than the EU, which has one of the most ambitious pathways in the world.

which has one of the most ambitious pothways in the world. Shell believes that by working together, with effective government policies, the world can help shift consumer demond to low-carbon products and develop the infrastructure and technology needed for the energy transition, while maintaining a secure and offordable supply of energy. Shell's appeal will be heard by the Dutch Court of Appeal in April 2024. As we wait for the outcome of the appeal, Shell is taking active steps to comply with the ruling.







Climate initiatives and benchmarks play a role in supporting Shell's efforts in the energy transition.

They promote an ongoing dialogue between interested parties and highlight areas of progress against externally established criteria.

Doing business in a clear, open way is a commitment we work Doing business in a clear, open way is a commitment we worthord to keep, and we promote transparency where possible throughout our industry. We continue to learn as we work to provide relevant information to key stakeholders groups. In doing so we work with a number of stakeholders including regulators, auditors, investors and non-governmental

organisations. Our strategy and progress in the energy transition, as well as our efforts to increase transparency, are recognised across environmental, social and governance (ESG) frameworks. Over the years, our performance scores have improved consistently, as evidenced by the assessment done by various external parties, including the most recent nandysis from the Carbon Tracker Initiative [A] which highlights Shell's good practices and key improvements in the financial related climate disclosures.

ESG rating agencies [B]

	2020	2021	2022	2023
MSCI	Α	AA	AA	AA
Sustainalytics	36.8 H	35.1 H	34.7 H	33.7 H
ISS	C	C+	C+	C+

imate Initiatives

Climate Instatutes
155
The ISS ESG net zero alignment model evaluates whether companies have a credible decarbonisation strategy, including interim greenhouse gas emissions targets and substantiated commitments to achieving net zero by 2050. Shell is one of eight companies in the oil and gas sector that received a net zero overall alignment status of "aligning" in 2023.

Transition Pathway Initiative
The Transition Pathway Initiative
The Transition Pathway Initiative
The Transition Pathway Initiative [TPI] is a global, asset-owner led initiative which assesses companies' preparedness for the transition to a low-carbon economy. TPI assess a companies' performance and progress in the energy transition against internationally agreed benchmark.

internationally agreed benchmark.

TPI's assessment is divided into two parts: management quality and carbon performance. Management quality describes a company's carbon management practices and governance, with a higher score indicating better performance. Carbon performance compares a company's emissions pathway against different climate scenarios consistent with the Paris Agreement. The carbon performance scores indicate whether a company's targets and plans are aligned in the short-term (2025), medium term (2035), and long-term (2050).

In terms of management quality, in 2023, we received the highest score of four (strategic assessment) for the management of our greenhouse gas emissions, and of risks and opportunities related to the low-carbon transit. This exceeds the overage score of 3.2 across all assesses companies in the oil and gas sector [90].

In relation to carbon performance, although Shell's goal of becoming a net-zero emissions energy business by 2050 remains unchanged, TP in a longer considers this target to be aligned with its 1.5" C benchmark. This is the result of TP's approach to accounting for customer mitigation actions.

Climate Action 100+

Climate Action 100+ is an investor-led initiative that drives corporate action on climate change, representing investors with assets of around \$68 trillion.

with assets or cround 300 million.

Its net zero company benchmark assesses companies against three high-level goals set by investors: emissions reduction, governance, and climaterelated disclosures. It tracks business alignment with a netzero emissions future and the Paris Agreement goal of limiting global temperature rise to 1.5°C.

The disclosure framework evaluates the adequacy of corporate disclosure in relation to key actions componies can take to align with the goals of the Paris Agreement, and is assessed by the Transition Pathway Initiative. The latest results for Shell are shown below, based on publicly disclosed information as of May 29, 2023.

Disclosure framework	2022	2023	
Yes, meets all criteria	5	2	
Partial, meets some criteria	3	7	
No, does not meet any criteria	1	1	

We are disappointed to see that our ratings have deteriorated in some areas in the latest assessment, which is largely due to annual updates to the methodology used. We have a strong governance and commitment to transparency so that investors can continue to assess our climate strategy and compare our progress with that of other companies. We will continue our engagement with CA100+ and TPI with the aim of ensuring that our current targets and disclosures are reflected in their benchmark and hope we can continue to improve the outcome in their assessment.

Since 2017, Shell has supported the recommendat Task Force on Climate-related Financial Disclosure TCFD is a global initiative to get companies across to assess climate-related risks and opportunities. It disclosure of qualitative and quantitative informati its four core elements: governance, strategy, risk m and metrics and targets.

Our climate-related financial disclosures are consist the TCFD's Recommendations and Recommended Please refer to our Annual Report and Accounts 2K details. Shell's disclosures related to recommendat TCFD are set out in the "Our journey to achieving section of the Annual Report.



Cautionary note

The componies in which Shell pic directly and indirectly owns investments are separate legal entities. In this report "Shell", "Shell Group" and "Group" are sometimes used for comeniance where references are made to Shell pic and its subsidiaries in general cit. below, who work for them. These terms are to be used where no useful propere is served by identifying the partie served in period to the tows who who for them. These terms are to be used where no useful propere is served by identifying the partie rethy or entities. "Shell subsidiaries" and "Shell componies" as used in this report refer to entities over which Shell pic either directly or indirectly but control. The served in the proper terms of the served in the s

convention interest with one or more parties. The term "Shell interest" is used to convenience to rescue me creat only a memory-protection for arrangement, ofter exclusion of all this drops interest.

Forward-looking statements

First report contains indiversal coloring statements (within the meaning of the U.S. Private Securities Litigation Reform Act of 1995) concerning the financial condition, results of operations and businesses of Shell. All totalements other than statements of historical foct one, or may be deemed to be, forward-looking statements for the statements of historical foct one, or may be deemed to be, forward-looking statements and statements of historical foct one, or may be deemed to be, forward-looking statements of the statements of historical foct one, or may be deemed to be, forward-looking statements of the statements of historical foct one, or may be deemed to be, forward-looking statements or described in the statements of th

If a net-zero emissions target

is speating [an, outlook and budgets are forecasted for a ten-year period and are updated every year. They reflect the current economic environment and whot
can reasonably expect to see over the next ten-years. Accordingly, they reflect our Scope 1, Scope 2 and Net Carbon Intensity (NCI) targets over the next tenyears. However, Philis poparating plans cannot reflect our 2000 horizon existing surget, as this target as currently outside our phomog period in the future, as society
es towards networe emissions, we expect Shelf to peroting plans to reflect this movement. However, if society is not net zero in 2050, as of today, there would be
filled rate if this Child imply not meet this target.

Februard-looking nen-GAP measures
This report may contain certain forward-looking non-GAP measures such as [cash capital expenditure] and [divestments]. We are unable to provide a reconciliation of these forward-looking non-GAP measures such as [cash capital expenditure] and [divestments]. We are unable to provide a reconciliation of these forward-looking Nano-GAP measures to the most companible GAP financial measures is dependent on future events some of which are actually described in Seel, such as all and gas price, interest rates and exchange rates. Moreover, ententing such GAP recourse with the required precision necessary to provide a measuringly exception is estimately interest rates and examined provided an entential exception of the provided in the control of Seel, such as all and gas price, interest rates and examined provided an entential exception of the provided and extendite exception of the provided and exce

The contents of websites referred to in this report do not form part of this report.

We may have used certain terms, such as resources, in this report that the United States Securities and Exchange Commission (SEC) strictly prohibits us from including in our filings with the SEC, Investors are urged to consider closely the disclosure in our Form 20-F, File No 1-32575, available on the SEC website sec.gov.

in our litting with the SEC. Investors are urged to consider closely the disclosure in our from 20.4; File No 192375, available on the SEC velocities except.

Additional information

As used in this Report, "accountable" is intended to mean: required or expected to justify actions or decisions. The accountable person does not necessarily implement the action or decision (implementation and verify that the action has been corried out at required. This includes obtaining required such such persons that the framework is operating effectively. Responsible 1 in intended to make required to the present at implement accions or decisions. Each field company and Shell portured verture is responsible for its operational persons and accomplishment of the framework of the production decision of the production of the produc

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- Comprehensive financial information on our activities throughout 2023
 Detailed information on Shell's taxes
 Report on our progress in contributing to sustainable development
 Energy Transition Strategy 2024