



# FOURTH QUARTER 2021 RESULTS

STRONG DELIVERY, ACCELERATED DISTRIBUTIONS

Shell plc

**February 3, 2022**

# DEFINITIONS & CAUTIONARY NOTE

Adjusted Earnings is the income attributable to Shell plc shareholders for the period, adjusted for the after-tax effect of oil price changes on inventory and for identified items. In this presentation, “earnings” refers to “Adjusted Earnings” unless stated otherwise. Adjusted EBITDA (FIFO basis) is the income/(loss) attributable to Shell plc shareholders adjusted for identified items; tax charge/(credit); depreciation, amortisation and depletion; exploration well write-offs and net interest expense. Adjusted EBITDA on a CCS (current cost of supplies) basis is used to remove the impact of price changes on our inventories in our Oil Products and Chemicals segments, therefore enabling comparisons over time. In this presentation, “operating expenses”, “costs” and “underlying costs” refer to “Underlying operating expenses” unless stated otherwise. Underlying operating expenses represent “operating expenses excluding identified items”. Operating expenses consist of the following lines in the Consolidated Statement of Income: (i) production and manufacturing expenses; (ii) selling, distribution and administrative expenses; and (iii) research and development expenses. Cash flow from operating activities excluding working capital movements is defined as “Cash flow from operating activities” less the sum of the following items in the Consolidated Statement of Cash Flows: (i) (increase)/decrease in inventories, (ii) (increase)/decrease in current receivables, and (iii) increase/(decrease) in current payables. In this presentation, “capex” refers to “Cash capital expenditure” unless stated otherwise. Cash capital expenditure comprises the following lines from the Consolidated Statement of Cash Flows: Capital expenditure, Investments in joint ventures and associates and Investments in equity securities. Free cash flow is defined as the sum of “Cash flow from operating activities” and “Cash flow from investing activities”. Organic free cash flow is defined as free cash flow excluding inorganic cash capital expenditure, divestment proceeds and tax paid on divestments. In this presentation, “divestments” refers to “divestment proceeds” unless stated otherwise. Divestment proceeds are defined as the sum of (i) proceeds from sale of property, plant and equipment and businesses, (ii) proceeds from sale of joint ventures and associates, and (iii) proceeds from sale of equity securities. Net debt is defined as the sum of current and non-current debt, less cash and cash equivalents, adjusted for the fair value of derivative financial instruments used to hedge foreign exchange and interest rate risks relating to debt, and associated collateral balances. Reconciliations of the above non-GAAP measures are included in the Shell plc Unaudited Condensed Financial Report for the full year ended December 31, 2021. Reserves: Our use of the term “reserves” in this presentation means United States Securities and Exchange Commission (SEC) proved oil and gas reserves. Resources: Our use of the term “resources” in this presentation includes quantities of oil and gas not yet classified as SEC proved oil and gas reserves. Resources are consistent with the Society of Petroleum Engineers (SPE) 2P + 2C definitions.

This presentation contains certain following forward-looking non-GAAP measures such as cash capital expenditure and divestments. We are unable to provide a reconciliation of these forward-looking Non-GAAP measures to the most comparable GAAP financial measures because certain information needed to reconcile those Non-GAAP measures to the most comparable GAAP financial measures is dependent on future events some of which are outside the control of the company, such as oil and gas prices, interest rates and exchange rates. Moreover, estimating such GAAP measures with the required precision necessary to provide a meaningful reconciliation is extremely difficult and could not be accomplished without unreasonable effort. Non-GAAP measures in respect of future periods which cannot be reconciled to the most comparable GAAP financial measure are calculated in a manner which is consistent with the accounting policies applied in Shell plc’s consolidated financial statements.

The companies in which Shell plc directly and indirectly owns investments are separate legal entities. In this presentation “Shell”, “Shell Group” and “Group” are sometimes used for convenience where references are made to Shell plc and its subsidiaries in general. Likewise, the words “we”, “us” and “our” are also used to refer to Shell plc 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 the particular entity or entities. “Subsidiaries”, “Shell subsidiaries” and “Shell companies” as used in this presentation refer to entities over which Shell plc either directly or indirectly has control. Entities and unincorporated arrangements over which Shell has joint control are generally referred to as “joint ventures” and “joint operations”, respectively. Entities over which Shell has significant influence but neither control nor joint control are referred to as “associates”. The term “Shell interest” is used for convenience to indicate the direct and/or indirect ownership interest held by Shell in an entity or unincorporated joint arrangement, after exclusion of all third-party interest.

Shell’s operating plan, outlook and budgets are forecasted for a ten-year period and are updated every year. They reflect the current economic environment and what we can reasonably expect to see over the next ten years. Accordingly, Shell’s operating plans, outlooks, budgets and pricing assumptions do not reflect our net-zero emissions target. In the future, as society moves towards net-zero emissions, we expect Shell’s operating plans, outlooks, budgets and pricing assumptions to reflect this movement. Also, in this presentation we may refer to Shell’s “Net Carbon Footprint”, which includes Shell’s carbon emissions from the production of our energy products, our suppliers’ carbon emissions in supplying energy for that production and our customers’ carbon emissions associated with their use of the energy products we sell. Shell only controls its own emissions. The use of the term Shell’s “Net Carbon Footprint” is for convenience only and not intended to suggest these emissions are those of Shell plc or its subsidiaries.

This presentation 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 other than statements of historical fact are, or may be deemed to be, forward-looking statements. Forward-looking statements are statements of future expectations that are based on management’s current 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 statements. Forward-looking statements include, among other things, statements concerning the potential exposure of Shell to market risks and statements expressing management’s expectations, beliefs, estimates, forecasts, projections and assumptions. These forward-looking statements are identified by their use of terms and phrases such as “aim”, “ambition”, “anticipate”, “believe”, “could”, “estimate”, “expect”, “goals”, “intend”, “may”, “milestones”, “objectives”, “outlook”, “plan”, “probably”, “project”, “risks”, “schedule”, “seek”, “should”, “target”, “will” and similar terms and phrases. There are a number of factors that could affect the future operations of Shell and could cause those results to differ materially from those expressed in the forward-looking statements included in this presentation, including (without limitation): (a) price fluctuations in crude oil and natural gas; (b) changes in demand for Shell’s products; (c) currency fluctuations; (d) drilling and production results; (e) reserves estimates; (f) loss of market share and industry competition; (g) environmental and physical risks; (h) risks associated with the identification of suitable potential acquisition properties and targets, and successful negotiation and completion of such transactions; (i) the risk of doing business in developing countries and countries subject to international sanctions; (j) legislative, judicial, fiscal and regulatory developments including regulatory measures addressing climate change; (k) economic and financial market conditions in various countries and regions; (l) political risks, including the risks of expropriation and renegotiation of the terms of contracts with governmental entities, delays or advancements in the approval of projects and delays in the reimbursement for shared costs; (m) risks associated with the impact of pandemics, such as the COVID-19 (coronavirus) outbreak; and (n) changes in trading conditions. No assurance is provided that future dividend payments will match or exceed previous dividend payments. All forward-looking statements contained in this presentation are expressly qualified in their entirety by the cautionary statements contained or referred to in this section. Readers should not place undue reliance on forward-looking statements. Additional risk factors that may affect future results are contained in Shell plc’s Form 20-F for the year ended December 31, 2020 (available at [www.shell.com/investors](http://www.shell.com/investors) and [www.sec.gov](http://www.sec.gov)). These risk factors also expressly qualify all forward-looking statements contained in this presentation and should be considered by the reader. Each forward-looking statement speaks only as of the date of this presentation, February 3, 2022. Neither Shell plc nor any of its subsidiaries undertake any obligation to publicly update or revise any forward-looking statement as a result of new information, future events or other information. In light of these risks, results could differ materially from those stated, implied or inferred from the forward-looking statements contained in this presentation. The content of websites referred to in this announcement does not form part of this announcement. We may have used certain terms, such as resources, in this presentation that the 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 [www.sec.gov](http://www.sec.gov).

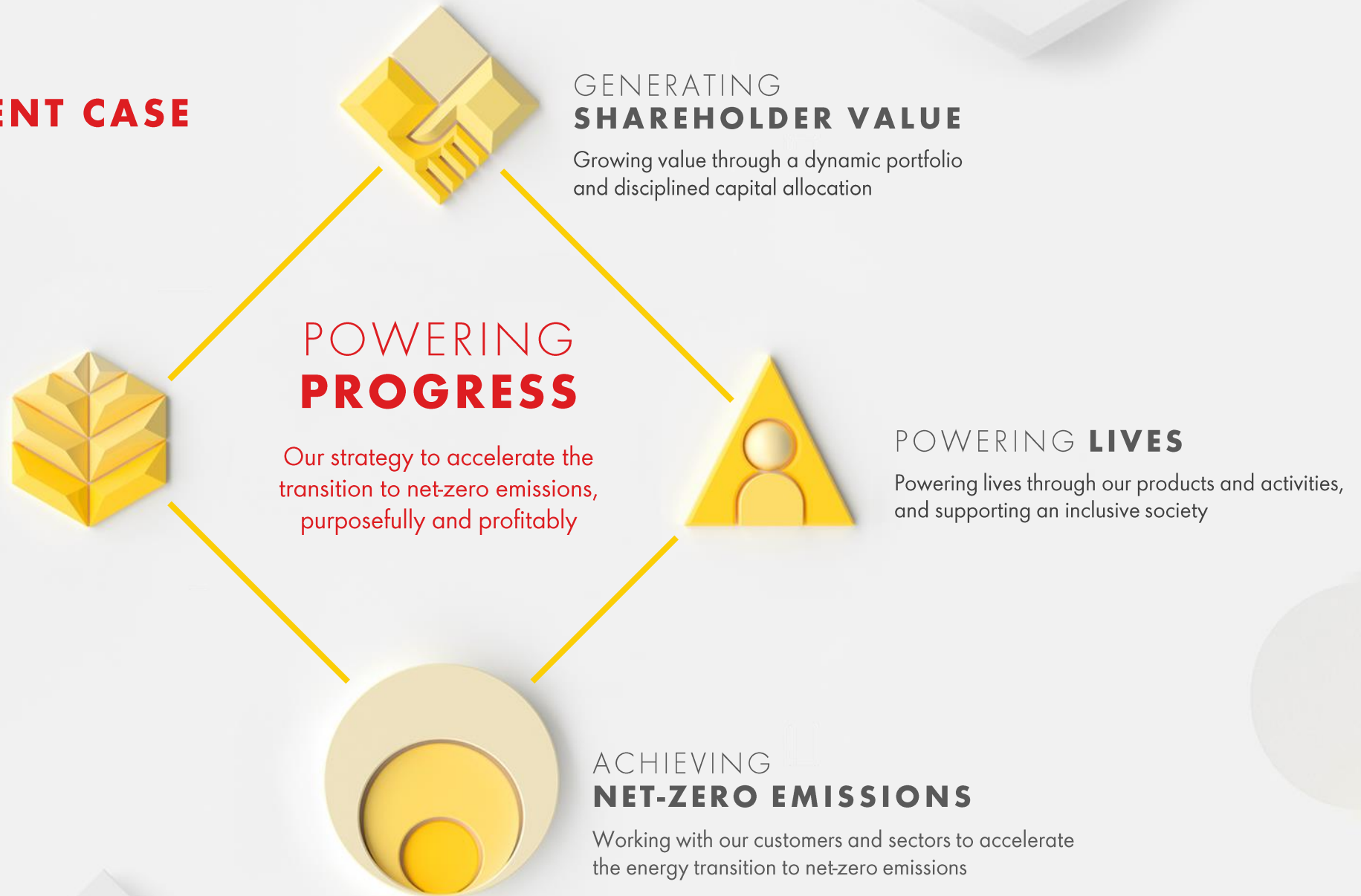




## THE SHELL INVESTMENT CASE

RESPECTING **NATURE**  
Protecting the environment, reducing waste and making a positive contribution to biodiversity

UNDERPINNED BY  
OUR **CORE VALUES**  
AND OUR FOCUS  
ON **SAFETY**



# POWERING PROGRESS

## Q4 2021 KEY MESSAGES



### Powering Progress strategy delivery

- Reshaped organisation and portfolio, Simplified corporate and share structure:
  - >99% shareholder support for resolution enabling assimilation of shares
  - Focusing Refining and Upstream positions
  - Reshape: Delivering \$2.0 to \$2.5 billion sustainable cost savings by end-2022\*
- \$3.5 billion buybacks announced in 2021



### Very strong 2021 full year and Q4 results

- Adjusted Earnings of \$6.4 billion in Q4, up 55% from Q3
- Sector-leading CFFO excluding WC of \$55 billion in 2021
- Net debt of \$53 billion, a \$23 billion reduction compared to 2020
- Cash capex below \$20 billion in 2021



### 2022 - Accelerated distributions

- \$8.5 billion buyback programme for H1, including \$5.5 billion from Permian proceeds
- ~4% dividend increase expected for Q1
- 2022 cash capex expected to be at the lower end of the \$23 to 27 billion range
- New reporting segments to align with Powering Progress strategy, separate R&ES disclosures





# POWERING PROGRESS

## BUILDING STRONG PARTNERSHIPS TO MOVE TO NET ZERO



MoU signed to jointly produce and supply hydrogen from renewable electricity in hubs centred around Hydro and Shell's own business.



First energy anchor partner in their Catalyst programme. Backed by Bill Gates and other leading organisations, focused on commercialisation of green hydrogen, SAF, long-duration energy storage and direct air capture.



Signed a broad strategic collaboration agreement to accelerate the global energy transition by helping each other achieve their respective commitments for net-zero carbon emissions.



Collaborate and accelerate decarbonisation with mutual partners and customers by advancing standards and transparency in GHG emissions.



MoU signed to work together to explore and develop renewable hydrogen projects at BlueScope's Port Kembla Steelworks in Australia.



**Q4 2021**



Identify projects for the production, use and distribution of green hydrogen and decarbonise RWE gas and biomass-fired power plants in northwest Europe.



Extended partnership to develop high-performance E-transmission fluids and showcase Shell E-Mobility solutions in the all-electric Formula E racing.



Strategic collaboration to optimise warehouse inventory levels bringing in operational efficiency by reducing time, labour, costs and wastage of raw materials.



Signed a MoU to collaborate and accelerate the decarbonisation of McDermott's global operations across fabrication facilities and construction vessels.



Signed a strategic cooperation agreement to improve the charging experience for electric vehicle customers around the world.

### Previously announced partnerships in 2021



# STRATEGY DAY 2021

## PROGRESS AS OF 2021



### Customer Growth

**40 million**

Customers served at retail service stations daily by 2025

**32 million**  
daily average

**55,000**

Shell-branded retail service stations by 2025

**46,000**

**> 500,000**

EV charge points by 2025

**86,700**

**15,000**

Convenience stores by 2025

**12,400**



### Energy Transition

**~55 mtpa**

Reduction in traditional fuel production by 2030

Halved crude capacity at Bukom

**~55%**

Gas share of hydrocarbon production by 2030

**~45%**

**~1-2% p.a.**

Oil production decline to 2030

**~1-2%**  
average reduction from 2021\*

**Eliminate**

Upstream routine flaring by 2030

Eliminate routine flaring by 2025



### Operation Excellence

**~20%**

Integrated Gas Opex reduction by 2022 vs 2019

**15% lower**  
in 2021 vs 2019

**< \$5/MMBtu**

Integrated Gas Unit Technical Cost

**\$4.8/MMBtu**  
average

**~20-30%**

Opex reduction by 2025 vs 2019 in Upstream

**~8% lower**  
in 2021 vs 2019

**~\$30/boe**

Average break-even price in Upstream

**~\$30/boe**  
average for FIDs in 2021



### Focused Portfolio

**3 mtpa**

Develop new LNG markets by 2025

On track

**~2 mtpa**

SAF production by 2025

Biofuels FID Rotterdam

**~80%**

Cash capex to core positions in Upstream

**~80%**

**5**

Core energy and chemicals parks

**8 refinery divestments**  
announced



# MARKETING

## PROFITABLY DECARBONISING WITH OUR CUSTOMERS

### Strategic levers

#### New revenues

- New convenience stores
- Digital and Services

#### Resilient sectors

- Fleet Solutions
- Industrial Lubricants

#### New customers

- Market share growth in China, India, Indonesia, Mexico, Russia
- New locations

#### Grow base

- Premium growth: V-Power™ + Lubricants
- New locations

#### Decarbonise mobility & sectors

- EV charging leadership
- Aviation, Marine, Road Transport

### 2025 targets

**15,000**

Convenience stores

**1/8**

Machines and engines  
protected by Shell Lubricants

**40 million**

Customers served at retail  
service stations daily

**55,000**

Shell-branded retail  
service stations

**>500,000**

EV charge points

### Q4 progress examples

- Serving ~2 million more customers daily at retail stations, added over 25,000 EV charge points and 400 convenience stores in 2021
- Decarbonising road transport in Europe – network of 43 LNG sites ready for conversion to BioLNG; volume growth x3 vs 2020
- Growing profitable customer access in Lubricants Indonesia – volume growth of 16% vs 2019
- Mobility entering new markets – 7 new market entries<sup>1</sup> in 2021 with over 500 new sites expected by end of 2022 (e.g. Colombia)
- Expanding EV charging – opening the first EV charging hub in London/UK, a Shell retail service station converted to 100% EV
- Growing Auto OEM partnerships in EV charging – NIO, Porsche Asia, Mercedes, Volkswagen Brazil
- Improving EV efficiency – renewal of partnership with Nissan e.dams to develop high-performance E-transmission fluids for Formula E racing team and EV users on the road



# RENEWABLES AND ENERGY SOLUTIONS

## INTEGRATED CLEAN ENERGY SYSTEMS: HIGHER FUTURE RETURNS

### Integrated Power

- Becoming a leading provider of clean Power-as-a-Service

### Clean Hydrogen

- Aiming to replicate the scale, flexibility and success of our LNG market position

### Carbon capture and storage

- Develop commercial CCS hubs that enable decarbonisation of customers

### Nature-based solutions

- An ambition to invest around \$100 million per year in quality nature-based projects

### Targets

**>560 TWh**

Sales to customers by 2030

**Double-digit**

Share of global clean hydrogen sales by 2035

**25 million**

Tonnes of CO<sub>2</sub> stored per annum by 2035

**~120 mtpa**

Compensated through carbon credits by 2030

### Q4 progress examples

- Shell and ScottishPower win bids to develop 5 GW of floating wind power in the UK
- Acquisition of solar and energy storage developer Savion in USA, further expanding Shell's global renewable power business
- Tetraspar, the world's first fully industrialised floating wind offshore foundation in Norway, is in operation
- Signed agreement with Simply Blue Group to acquire 51% share of their Western Star venture, which seeks to develop a floating wind farm offshore Ireland
- Mayflower Wind JV granted right to power Massachusetts residents with additional renewable wind energy
- Dedicated \$1.4 billion fund for Shell Ventures to invest over the next six years to further increase support to innovative companies
- Start up of hydrogen electrolyser in China with 20MW production capacity





# INTEGRATED GAS

## A WORLD LEADER IN LNG: RESILIENT CASH GENERATION

### Lead the market

- Grow market footprint by creating new markets and embracing new customers
- Build material LNG for transport business

### Run the business

- Unmatched portfolio optionality and resilience
- Aiming to grow value from GTL products

### Grow the business

- Selective investment in competitive LNG assets
- Greater value, volume and optionality with diversified sources of supply

### Targets

**>20%**

Market share in LNG bunkering sales by 2030

**~20%**

Opex reduction by 2022 vs 2019

**>7 mtpa**

New LNG capacity onstream by middle of the decade

### Q4 progress examples

- First liquefied biomethane (BioLNG) bunkering trial in Rotterdam, together with CMA CGM container shipping
- Shell and Keppel LNG bunkering JV in Singapore won the 'Outstanding Contribution to the LNG Industry in 2021 Award' at the World LNG Summit in Rome
- Committed to first pilot under the new GIIGNL, the International Group of Liquefied Natural Gas Importers, GHG Neutrality framework
- Announced a new gas trading operation in Nigeria to provide wholesale customers with more and cleaner energy solutions in the country
- Underlying opex has reduced by 15% in 2021 since 2019



# CHEMICALS AND PRODUCTS

## INTEGRATED ENERGY AND CHEMICALS PARKS DELIVERING LOWER-CARBON PRODUCTS

### Transition to Energy and Chemicals Parks

- Delivering synergies, bringing customers and assets together

### Reduce commodity exposure

- Transforming to reduce emissions (Scope 3) from the products we sell

### Focus on sustainable chemicals

- Developing sustainable product offering

### Grow chemicals as an enabler

- Increasing margins through intermediate and performance chemicals investments

### Targets

**5**

Core energy and chemicals parks

**~55 mtpa**

Reduction in traditional fuel production by 2030

**1 mtpa**

Plastic waste processed by 2025

**~70%**

Reduction in commodity exposure by 2030

### Q4 progress examples

- Progressing the right-sizing of refinery footprint:
  - Completed divestment of Shell Deer Park refinery, Texas, USA to PEMEX. Shell retains ownership of the chemical assets at Deer Park
  - Completed divestment of Puget Sound refinery, Washington, USA to HollyFrontier
- Investment in plastic waste processing with decision to build pyrolysis upgrader unit at Shell Energy and Chemicals Park Singapore; capacity of 50,000 tonnes per year, expected start-up in 2023
  - Signed first circular chemicals agreement in Asia with Asahi Kasei
- Announced plan to build a 58 MW solar farm adjacent to Shell Energy and Chemicals Park Scotford, Alberta, Canada. All power generation capacity dedicated to Scotford for the next 25 years



# UPSTREAM

## DELIVERING THE ENERGY OF TODAY WHILE FUNDING THE ENERGY OF TOMORROW

### Focusing the portfolio

- Maximising value from lean positions: develop into core, harvest for cash or divest
- Focusing exploration on core positions

### Operating responsibly

- Actively reducing GHG emissions from our operations

### Delivering competitively

- Leading developer and resilient pre-FID projects portfolio
- Maximising value through industry-leading integration

### Targets

**~80%**

Cash capex to core positions

**<0.2%**

Maintaining methane emissions intensity

**20-30%**

Opex reduction by 2025 vs 2019

### Q4 progress examples

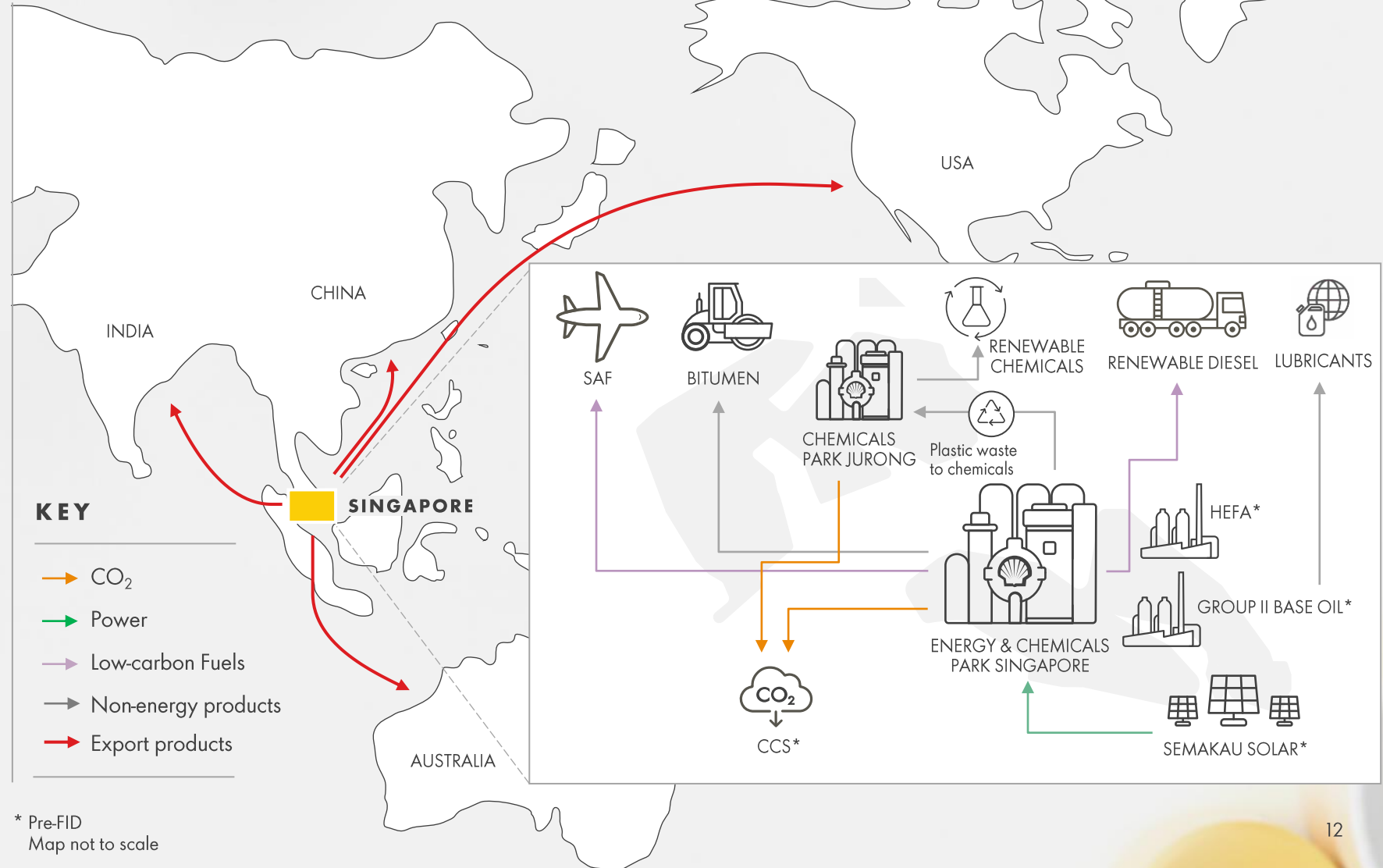
- Completed the Permian divestment for \$9.5 billion, accelerating cash delivery and shareholder distributions
- Focus on core positions:
  - 80% of cash capex to core positions
  - Announced Blacktip North exploration discovery in the Perdido corridor, US Gulf of Mexico
- Successful bid for working interest in Atapu block in Brazil's Transfer of Rights regimen
- Successful recovery from Hurricane Ida
- Underlying opex has reduced by 8% in 2021 since 2019
- Oil production declined by around 8% from 2019 to 2021; Excluding impact from the Permian divestment, oil production expected to decline on average by 1-2% a year until 2030
- External benchmarking has shown that our capital projects are cheaper, faster, better by substantial margins



# CHEMICALS AND PRODUCTS

## SHELL ENERGY AND CHEMICALS PARK SINGAPORE AT THE HEART OF ASIA-PACIFIC REGION

- Crude processing capacity reduced by about half in 2021 at Bukom
- A 550,000 tpa biofuels facility\* is being explored to produce low-carbon products
- Investing in the growth and production of circular chemicals using plastic waste in the region
  - Building a new pyrolysis oil upgrader unit with a capacity of 50,000 tpa, the largest in Asia
- Exploring Semakau Solar\*, a large-scale solar project to power site operations
- Exploring a regional carbon capture and storage hub\* to enable Shell's low-carbon and sustainable products offerings and renewable power import
- Enhanced value delivery through trading and optimisation
- Shell Singapore will cut emissions from its operations by half in 2030 from 2016 levels





# VALUE GENERATION THROUGH INTEGRATION

## PROFITABLY DECARBONISING WITH OUR CUSTOMERS SECTOR BY SECTOR



**Our Customers across Sectors.**

**>5000 Businesses are committed to Net Zero Emissions by 2050<sup>1</sup>**



# RENEWABLES & ENERGY SOLUTIONS

## BECOMING A LEADING PROVIDER OF CLEAN POWER-AS-A-SERVICE IN AUSTRALIA



### Offering integrated energy solutions

- Powershop acquisition to broaden Shell's customer portfolio to include Australian households, adding over **185,000 customers**
- sonnen launches EV subscription service, sonnenDrive, allowing its customers to further reduce their carbon footprint
- Supplying >20% of Australia's electricity to commercial and industrial customers while achieving the highest customer satisfaction score 10 years running
- Exploring options to use hydrogen as a pathway towards low-emissions steelmaking at BlueScope's Port Kembla Steelworks



### Managing green electrons

- Powershop transaction to add **430 MW** of annual contracted supply to the portfolio through renewable energy offtake agreements
- Award of a **10-year, 1.8 TWh per annum** electricity retailing contract by the NSW government coupled with the development of a **100 MW** battery facility in partnership with Edify
- Launch of sonnenBatterie Evo with proprietary digital Battery Management System that connects customers to sonnen's virtual power plant, provides grid stability and manages demand



### Targeted renewables assets strategy

- Commissioning for Gangarri solar development has commenced; **120 MW** generation capacity to power the equivalent of **50,000 homes**
- ESCO Pacific surpasses **2.0 GW** of solar development pipeline
- Consortium with ICG provides access to renewable capacity to enable our customer solutions



## PORTFOLIO

# DELIVERING DIVESTMENT PROCEEDS OF \$15 BILLION IN 2021



# CAPITAL ALLOCATION

## TARGET SHAREHOLDER DISTRIBUTIONS OF 20-30% OF CFFO

| Clear capital allocation framework |  | Operationalising the framework   |
|------------------------------------|--|--|
| <b>1<sup>st</sup></b><br>PRIORITY  | <b>Base Cash capex</b><br><b>Ordinary progressive dividend</b>               | <ul style="list-style-type: none"> <li>■ \$19-22 billion Cash capex per annum to sustain our strategy               <ul style="list-style-type: none"> <li>■ Inorganic capex included in the range</li> </ul> </li> <li>■ ~4% dividend per share growth annually, subject to Board approval</li> </ul> |
| <b>2<sup>nd</sup></b><br>PRIORITY  | <b>AA credit metrics through the cycle</b>                                   | <ul style="list-style-type: none"> <li>■ Net debt level to target AA credit metrics</li> </ul>   |
| <b>3<sup>rd</sup></b><br>PRIORITY  | <b>Additional shareholder distributions</b>                                  | <ul style="list-style-type: none"> <li>■ Total shareholder distributions of 20-30% of CFFO comprise dividend and share buybacks               <ul style="list-style-type: none"> <li>■ Amount based on cash generation, macro-outlook and balance sheet trajectory</li> </ul> </li> </ul>              |
| <b>4<sup>th</sup></b><br>PRIORITY  | <b>Additional Cash capex</b><br><b>Continued balance sheet strengthening</b> | <ul style="list-style-type: none"> <li>■ Measured, disciplined Cash capex spend to execute our strategy at pace</li> <li>■ Further reduce net debt to achieve firm long-term AA credit metrics</li> </ul>  |





# CAPITAL ALLOCATION

## STEPPING UP SHAREHOLDER DISTRIBUTIONS

- \$8.5 billion share buyback programme announced for H1 2022, including \$5.5 billion from the Permian proceeds, with intended completion by Q2 2022 results announcement subject to market conditions
- First tranche of up to \$4 billion (out of the \$8.5 billion programme) expected to be completed by the Q1 2022 results announcement, subject to market conditions
- Stepped-up distributions announced for H1 2022, excluding Permian buybacks, are expected to be at the **higher end of the 20-30% range** of CFFO from the previous four quarters
- Stepped-up **total** distributions announced for H1 2022 are expected to be **around half** of the CFFO over the previous two quarters

| Shareholder distributions                   | 2021 announcements                       | 2022 announcements  |
|---|--|---|
| Ordinary progressive dividend               | Rebased to \$0.24 per share in July 2021 | Expect a ~4% increase in dividend per share to \$0.25 per share for Q1 2022 |
| Share buyback – ordinary course             | \$2 billion for H2 2021                  | \$3 billion for H1 2022   |
| Share buyback – Permian divestment proceeds | \$1.5 billion                            | \$5.5 billion   |



# CAPITAL ALLOCATION – NEXT PHASE

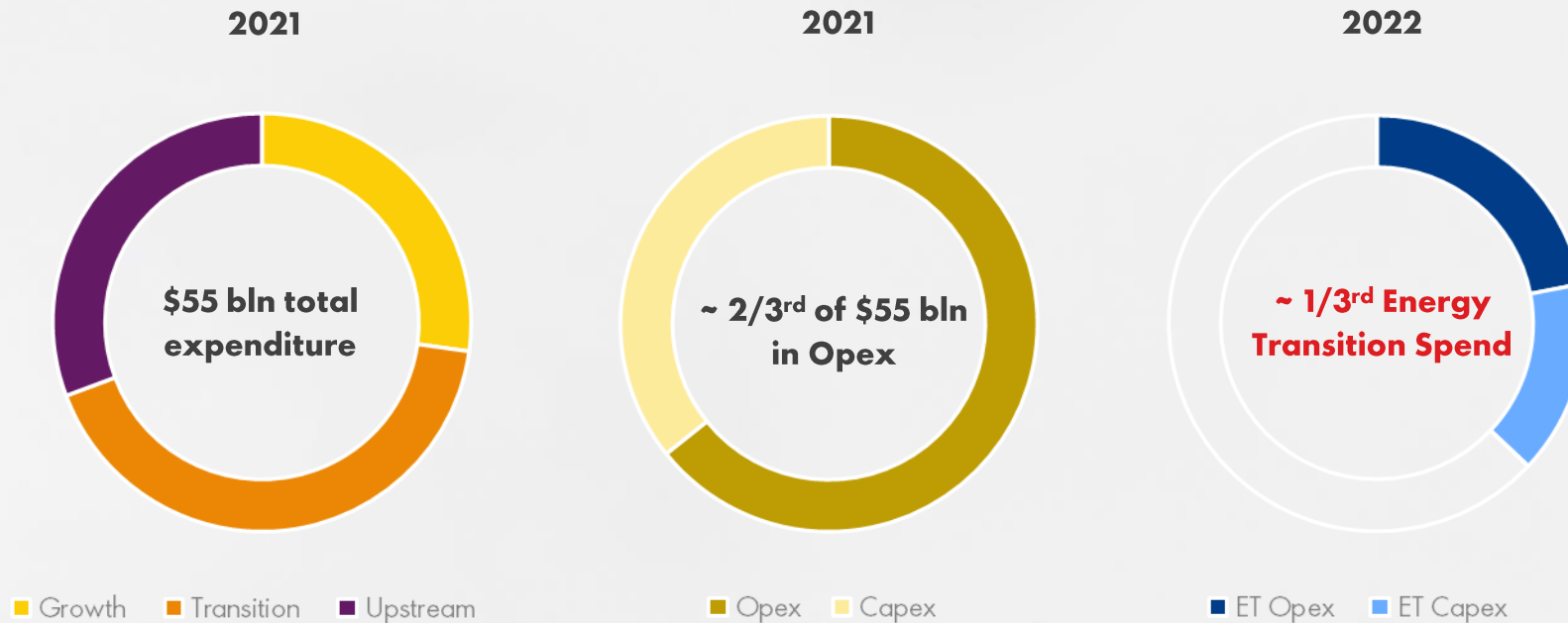
## 2021 DELIVERY AND OUTLOOK

|                            |  |                                 | <b>GROWTH PILLAR:</b><br>THE FUTURE OF ENERGY |  | <b>TRANSITION PILLAR:</b><br>ENABLING OUR STRATEGY |                                   | <b>UPSTREAM PILLAR:</b><br>FUNDING OUR STRATEGY |
|----------------------------|--|---------------------------------|---|--|--|-----------------------------------|---|
|                            | <b>Net debt end-2021:<br/>\$53 billion</b> | <b>Shell</b>                    | <b>Marketing</b>                              | <b>Renewables<br/>and Energy<br/>Solutions</b> | <b>Integrated<br/>Gas</b>                          | <b>Chemicals and<br/>Products</b> | <b>Upstream</b>                                 |
| <b>Cash capex</b>          | Base Cash Capex                            | \$19-22 billion                 | ~\$3 billion                                  | \$2-3 billion                                  | ~\$4 billion                                       | \$4-5 billion                     | ~\$8 billion                                    |
|                            | 2021 Actuals                               | \$20 billion ✓                  | \$5 billion                                   |  | \$9 billion  |                                   | \$6 billion                                     |
|                            | 2022 Outlook                               | Lower end of<br>\$23-27 billion | ~\$5-6 billion                                | ~\$3 billion                                   | \$4-5 billion                                      | \$4-5 billion                     | ~\$8 billion                                    |
|                            | Beyond 2025                                |                                 | 35-40%  |  | 30-40%   |                                   | 25-30%  |
| <b>Underlying<br/>Opex</b> | Net debt >\$65 billion                     | <\$35 billion p.a.              |   |  |  |                                   |   |
|                            | 2021 Actuals                               | \$35 billion ✓                  |   |  |  |                                   |   |
| <b>Divestments</b>         |  | \$4 billion p.a. on<br>average  |   |  |  |                                   |   |
|                            | 2021 Actuals                               | \$15 billion ✓                  |   |  |  |                                   |   |
| <b>CFFO</b>                | 2021 Actuals                               |                                 | ~10%  |  | ~40%   |                                   | ~50%  |
|                            | Beyond 2025                                |                                 | ~25%  |  | ~45%   |                                   | ~30%  |



# NON-ENERGY PRODUCTS & DECARBONISATION OF CUSTOMERS

## ENERGY TRANSITION SPEND



Opex is an important value driver in less capital-intensive Growth businesses

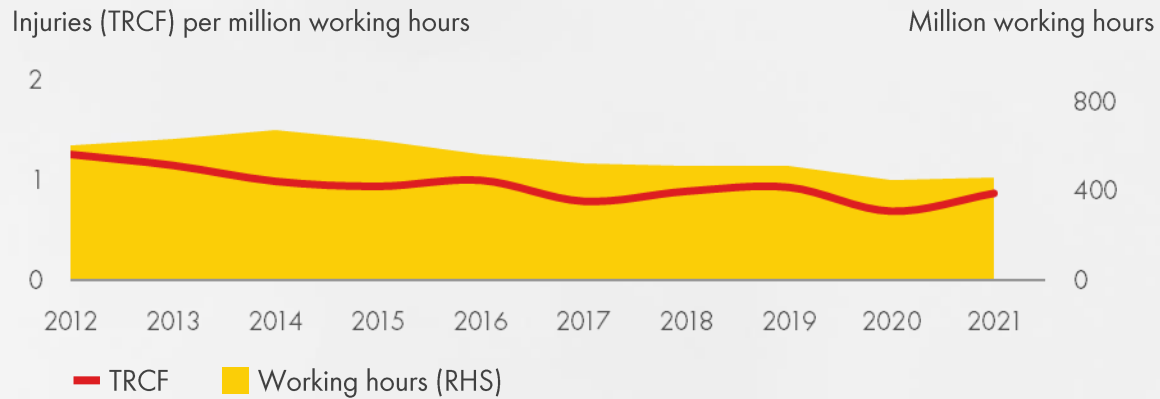
### Energy Transition Spend:

- Expected to be up by ~20% in 2022 vs 2021
- In 2025, ~50% of total expenditure expected to be driving Energy Transition

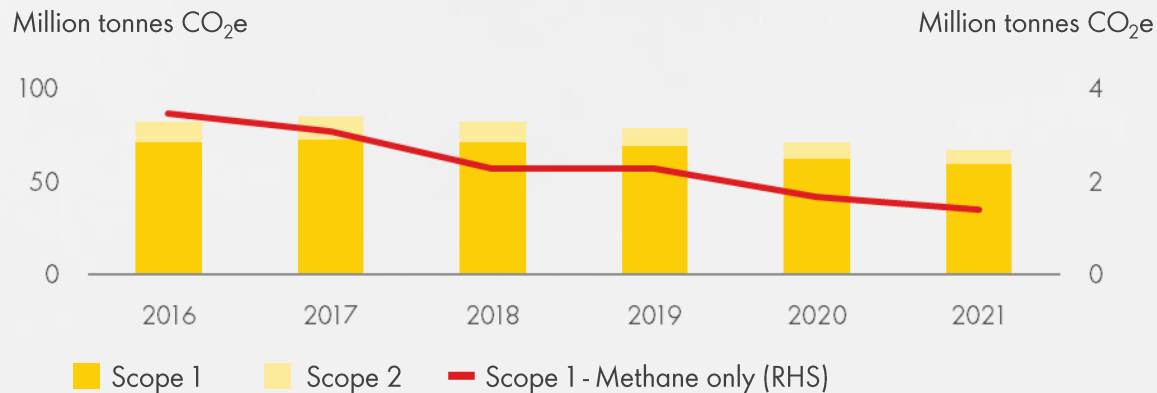


# 2021 HSSE PERFORMANCE

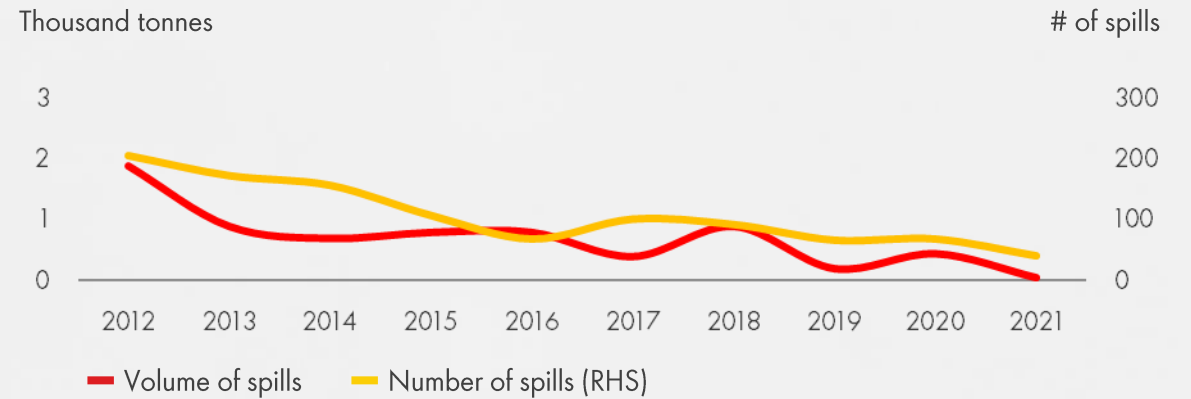
## Goal Zero on safety



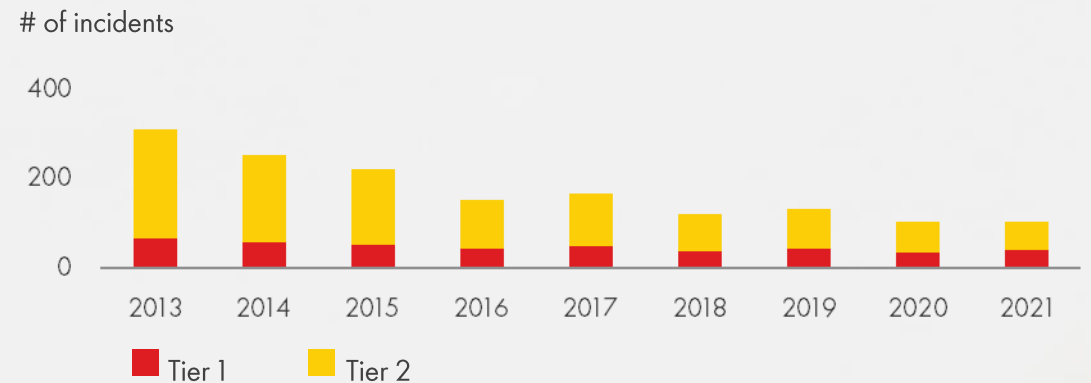
## GHG emissions



## Operational spills



## Process safety





# CARBON

## OUR CLIMATE TARGETS

### UN PARIS AGREEMENT

Strategy aligns with goal to limit the increase in the global average temperature to 1.5 degrees Celsius above pre-industrial levels

### NET ZERO BY 2050

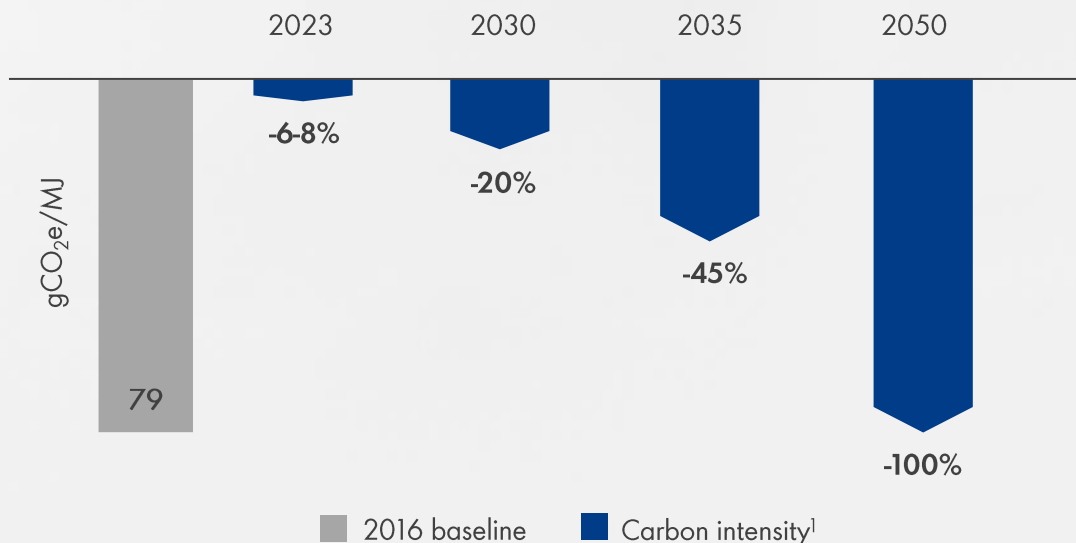
Net-zero emissions energy business by 2050 including all emissions (Scopes 1, 2 and 3) in step with society

### FROM 1.7 GTPA TO ZERO

We believe Shell's total carbon emissions from energy sold peaked in 2018 at around 1.7 Gtpa and will be brought down to 0 by 2050

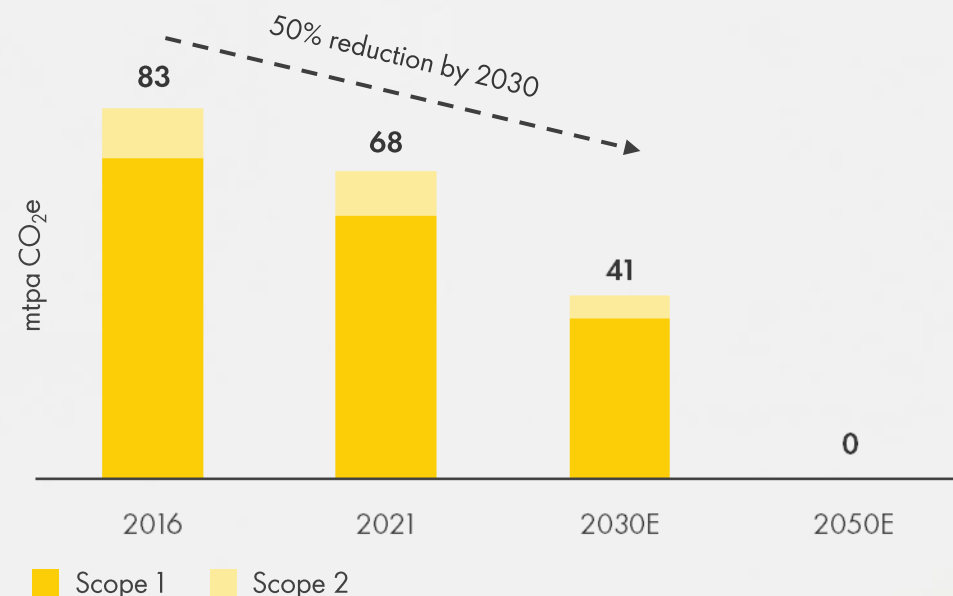
### Intensity targets (Scopes 1, 2 and 3)

Covers emissions associated with the production, processing, transport and end use of our products



### Absolute target<sup>2</sup> (Scope 1 & 2)

Covers all Scope 1 and 2 emissions under Shell's operational control



# Q4 2021 FINANCIAL RESULTS

## STRONG RESULTS DRIVEN BY ROBUST OPERATIONS AND RESILIENT PORTFOLIO

**Q4 2021 average Brent price: \$80/bbl**

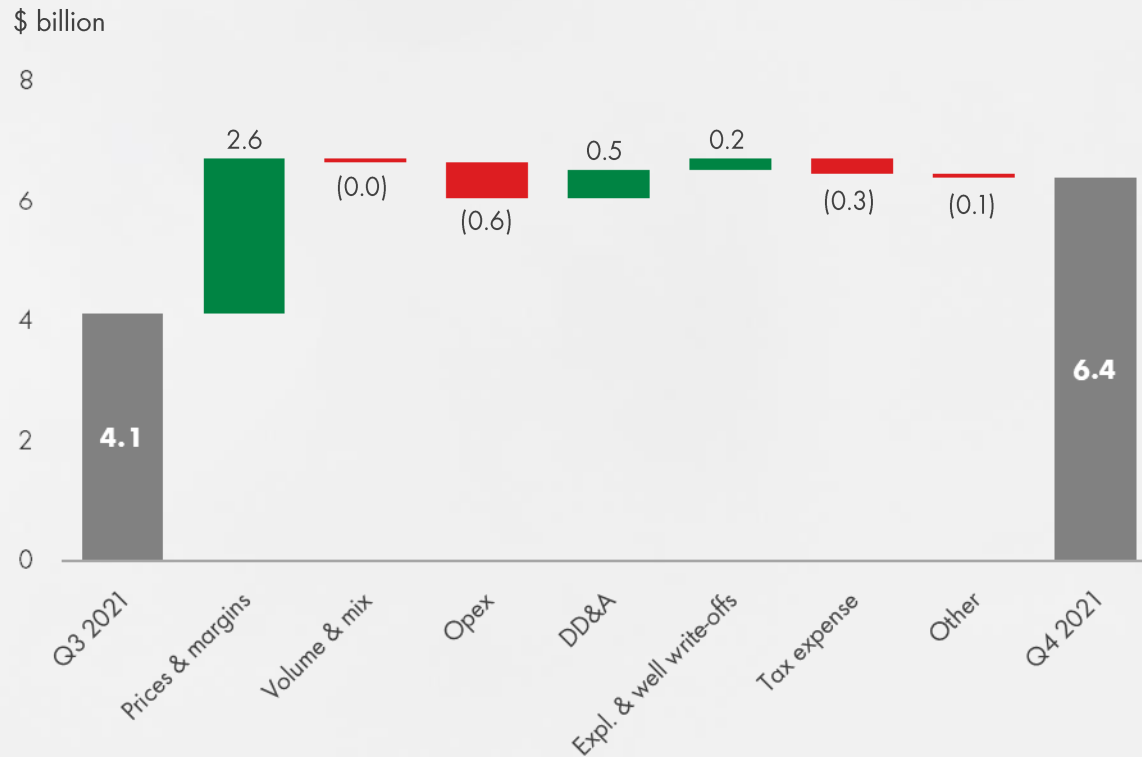
|   |                       |  |
|---|-----------------------|--|
| Income attributable to Shell plc shareholders       | <b>\$11.5 billion</b> | <ul style="list-style-type: none"> <li>Includes non-cash gains of \$3.2 billion due to the fair value accounting of commodity derivatives, net gains of \$3.0 billion on asset sales, partly offset by post-tax impairment charges of \$0.8 billion</li> </ul> |
| Adjusted Earnings                                   | <b>\$6.4 billion</b>  | <ul style="list-style-type: none"> <li>Helped by higher commodity prices and significantly higher LNG trading and optimisation margins</li> </ul>  |
| Adjusted EBITDA (CCS)                               | <b>\$16.3 billion</b> |  |
| Cash flow from operations excluding working capital | <b>\$11.1 billion</b> | <ul style="list-style-type: none"> <li>\$2.7 billion outflow from commodity derivatives</li> <li>CFFO of \$8.2 billion impacted by WC outflow of \$3 billion</li> </ul>  |
| Cash capital expenditure                            | <b>\$6.5 billion</b>  | <ul style="list-style-type: none"> <li>Disciplined cash capex of \$20 billion in 2021</li> </ul>   |
| Free cash flow                                      | <b>\$10.7 billion</b> | <ul style="list-style-type: none"> <li>Divestment proceeds of \$9.1 billion</li> </ul>   |
| Net debt  | <b>\$52.6 billion</b> | <ul style="list-style-type: none"> <li>Net debt reduction of \$4.9 billion in the fourth quarter. ~\$23 billion reduction in 2021</li> <li>Lowest level of net debt since the beginning of 2016</li> </ul>   |



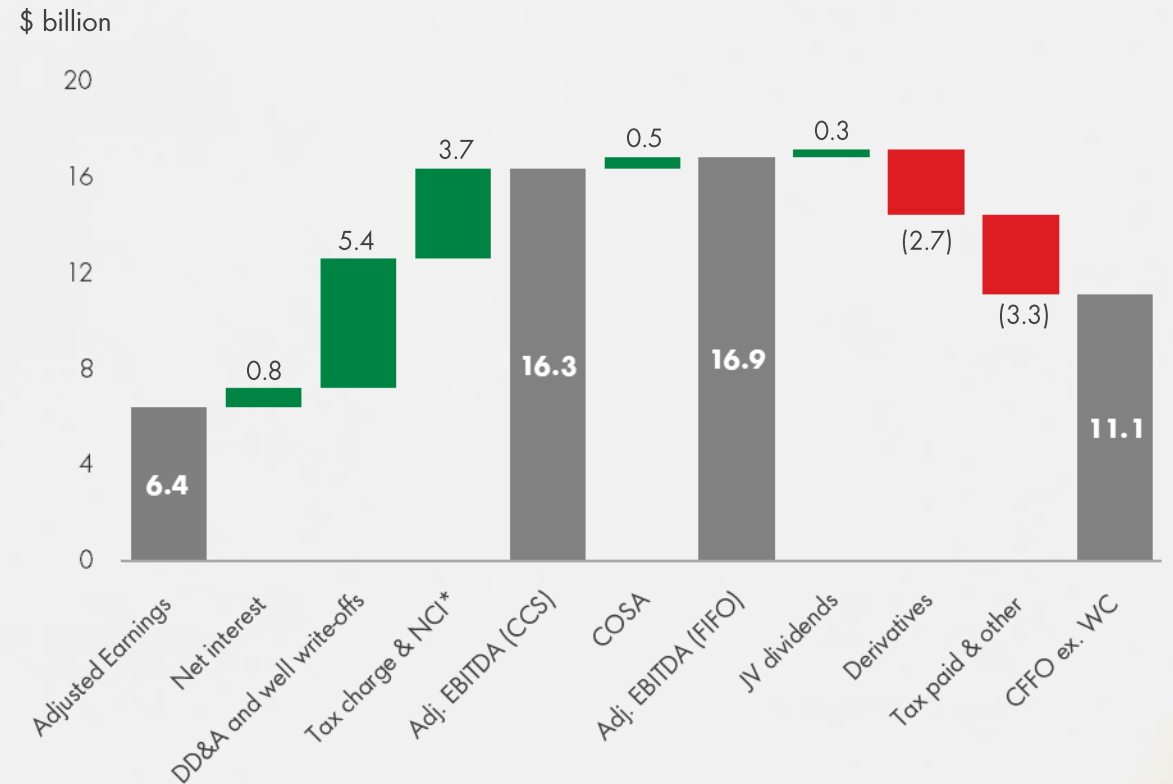
# Q4 2021 FINANCIAL RESULTS

## STRONG CASH CONVERSION

### Adjusted Earnings Q3 2021 to Q4 2021



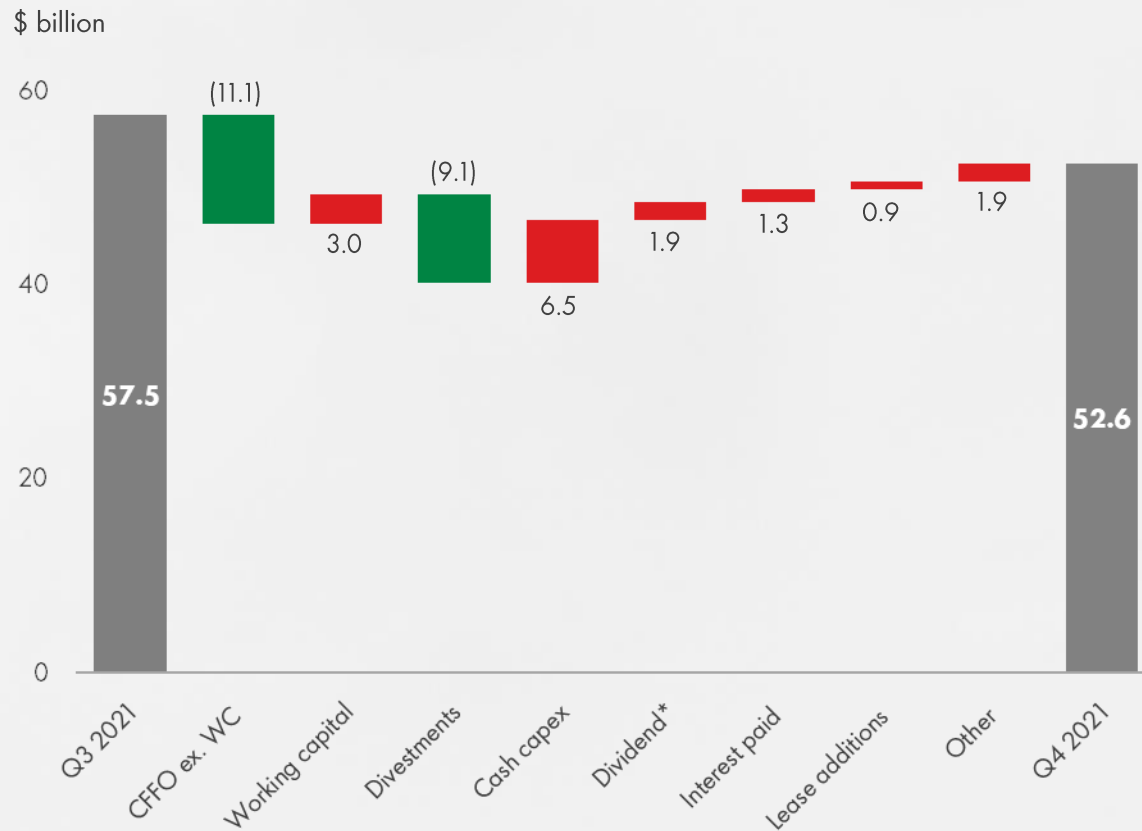
### Cash conversion Q4 2021



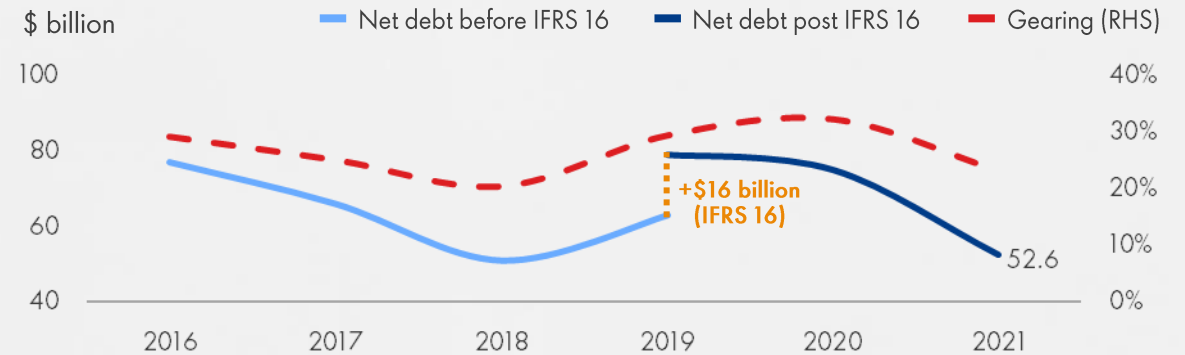
# Q4 2021 FINANCIAL RESULTS

## STRONG CASH FLOW GENERATION RESULTING IN NET DEBT REDUCTION

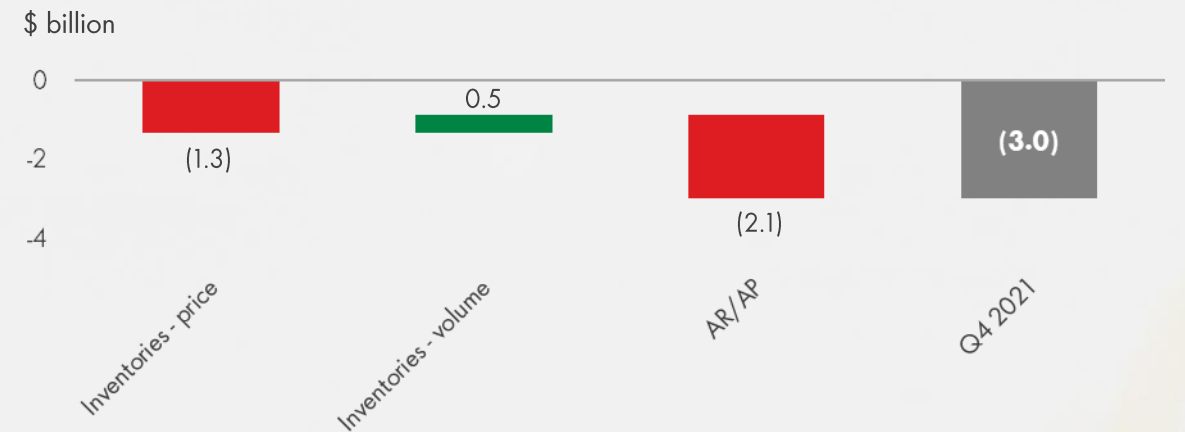
### Net debt Q3 2021 to Q4 2021



### Net debt 2016 to 2021 (incl. leases)



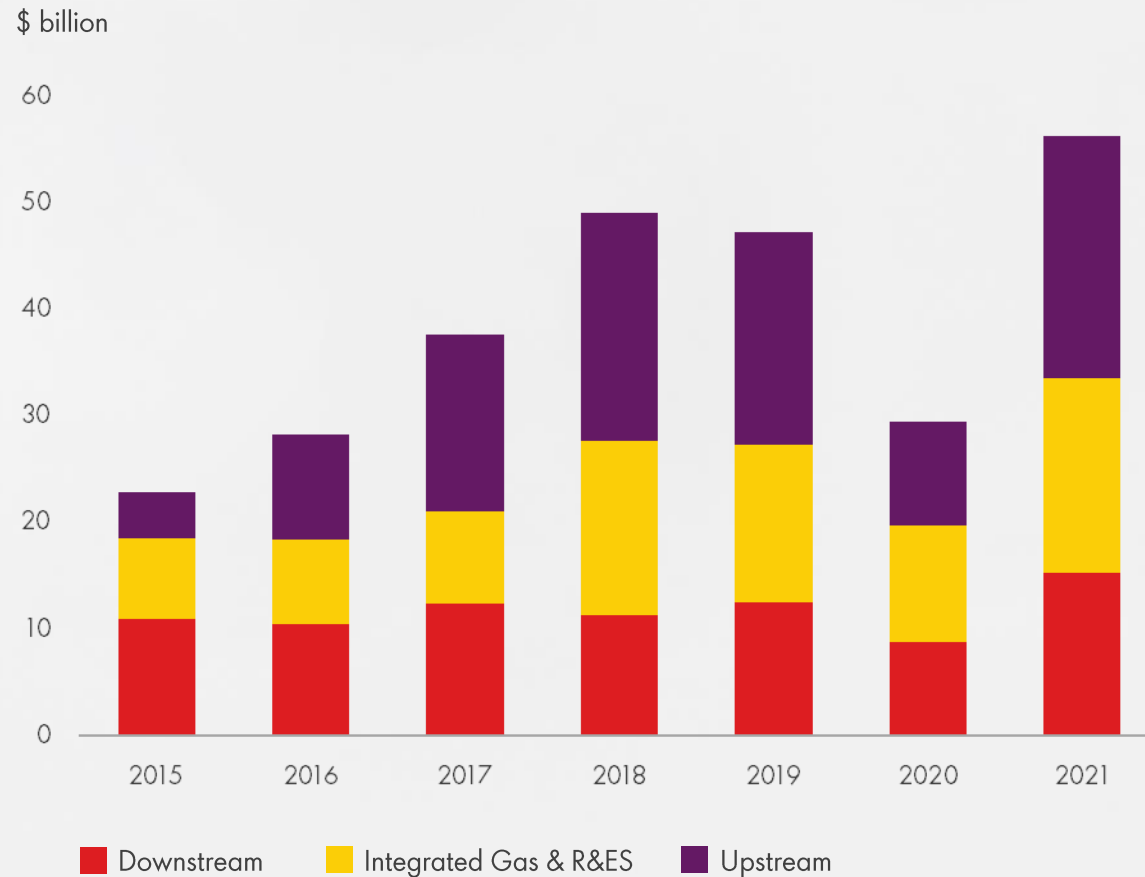
### Working capital movements Q4 2021



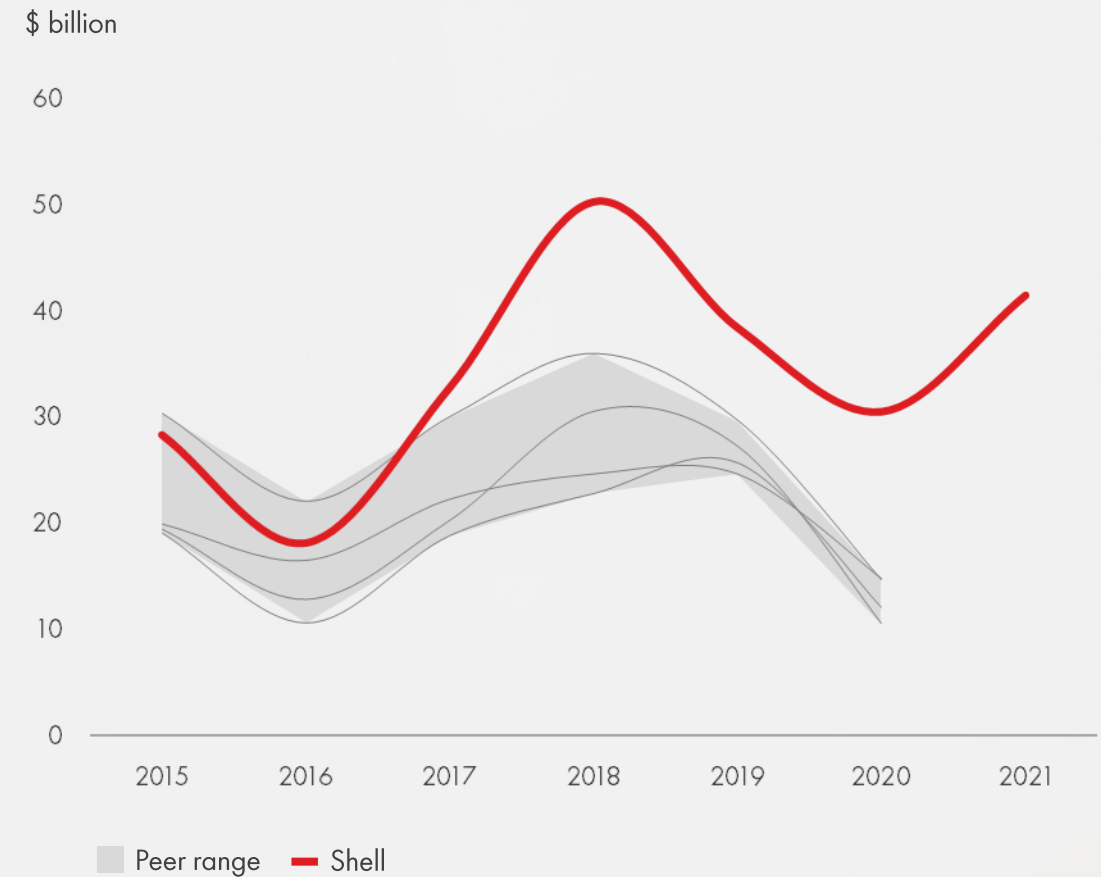
# CASH POTENTIAL

## INTEGRATED BUSINESS MODEL DELIVERING VALUE

### Balanced CFFO excluding working capital



### Track record of strong CFFO

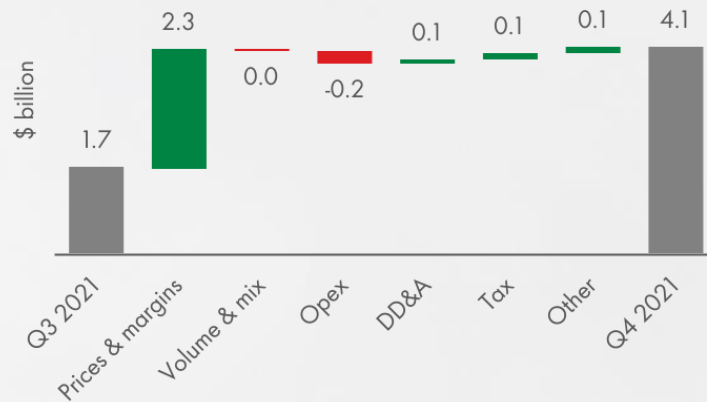


# Q4 2021 FINANCIAL RESULTS

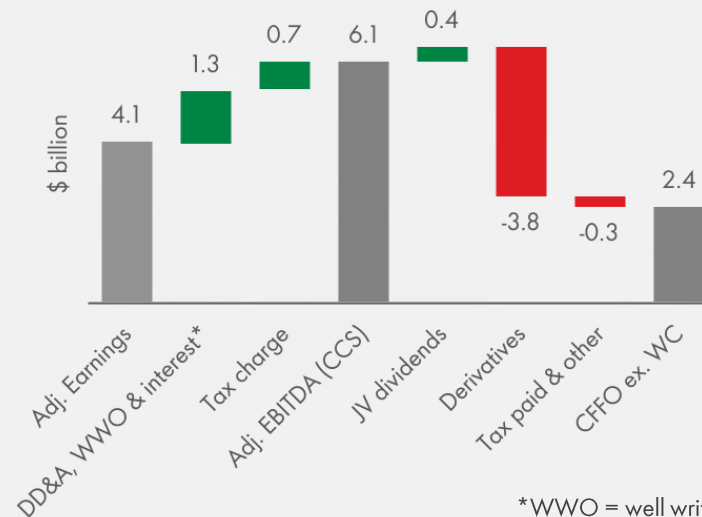
## INTEGRATED GAS, RENEWABLES AND ENERGY SOLUTIONS

**Quarterly Databook available on**  
**[www.shell.com/investors](http://www.shell.com/investors)**

### Adjusted Earnings



### Cash conversion Q4



\*WWO = well write-offs

### Q1 2022 outlook

- Production is expected to be approximately 760 - 820 thousand boe/d.
- LNG liquefaction volumes are expected to be approximately 7.7 - 8.3 million tonnes.

- Adjusted Earnings benefited from higher realised prices and significantly higher trading and optimisation margins, overcoming supply issues and capturing unique optimisation opportunities generated through the large scale and scope of our LNG trading portfolio in a high LNG spot price environment.
- CFFO excluding working capital of \$2.4 billion, mainly impacted by derivative outflows of \$3.8 billion.



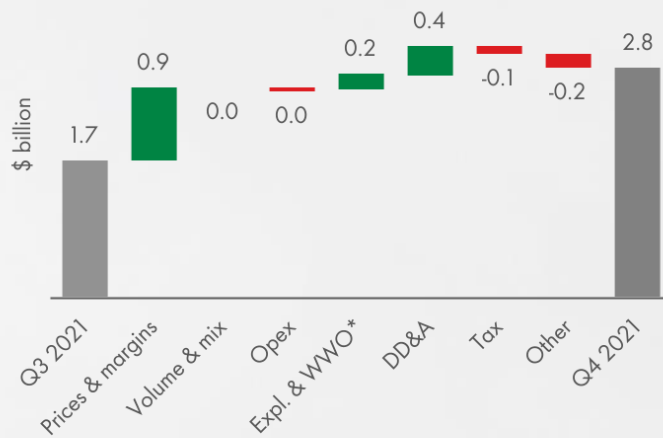


# Q4 2021 FINANCIAL RESULTS

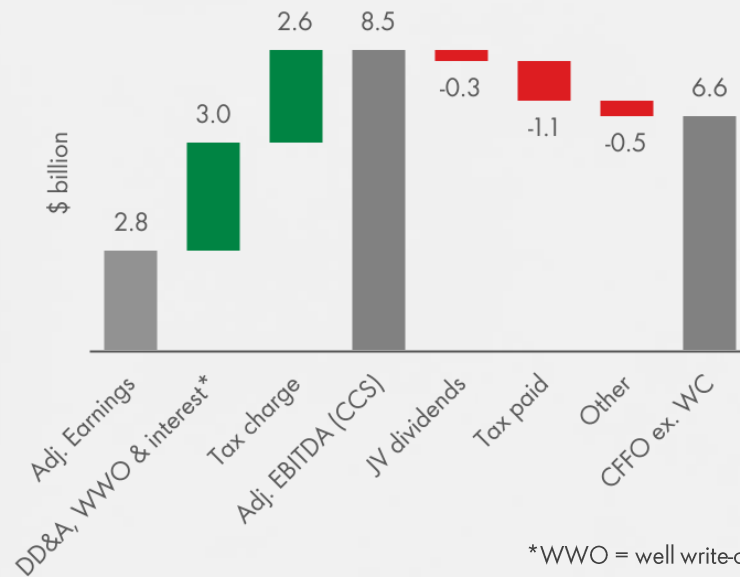
## UPSTREAM

**Quarterly Databook available on**  
**[www.shell.com/investors](http://www.shell.com/investors)**

### Adjusted Earnings



### Cash conversion Q4



### Q1 2022 outlook

- Production is expected to be approximately 2,000 - 2,200 thousand boe/d.

- Adjusted Earnings higher by \$1.1 billion compared to Q3 2021, mainly driven by higher prices. Permian divestment completed in Q4, lowering DD&A.
- Continued strong cash conversion, with CFO excluding working capital of \$6.6 billion, \$0.7 billion above Q3 2021.

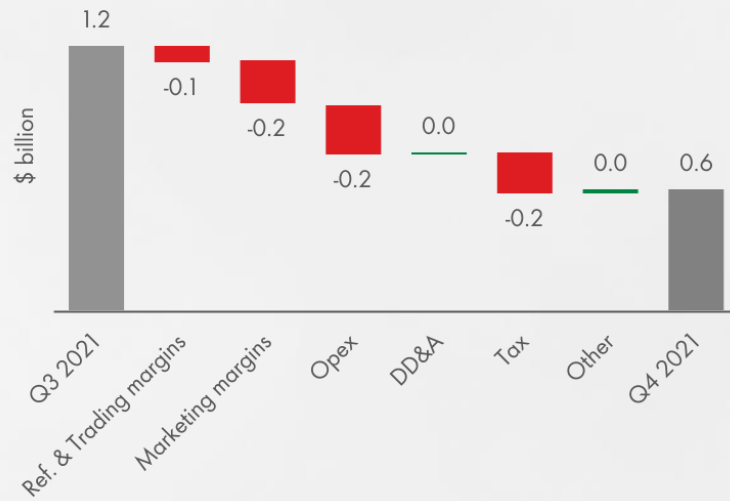


# Q4 2021 FINANCIAL RESULTS

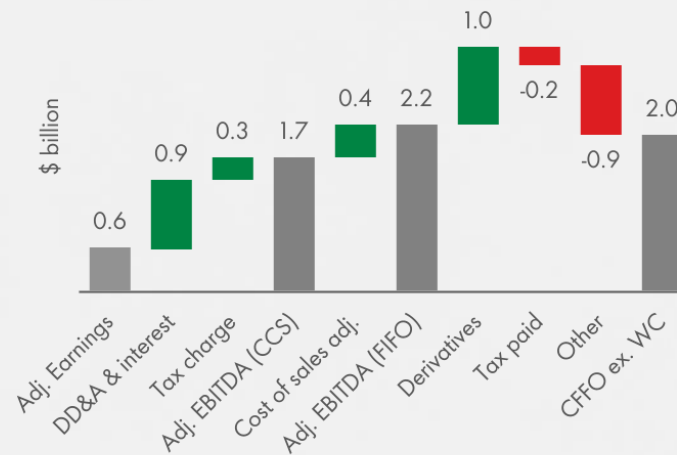
## OIL PRODUCTS

**Quarterly Databook available on**  
**[www.shell.com/investors](http://www.shell.com/investors)**

### Adjusted Earnings



### Cash conversion Q4



### Q1 2022 outlook

- Refinery utilisation is expected to be approximately 71% - 79%.
- Sales volumes are expected to be approximately 4,100 - 5,400 thousand b/d of which Refining & Trading is 1,800 - 2,600 and Marketing is 2,300 - 2,800.

- Refinery utilisation and realised margins impacted by extended turnaround at Scotford, Hurricane Ida recovery efforts at Norco and a smaller portfolio due to ongoing divestments.
- Trading and optimisation contribution to earnings was lower compared with Q3 2021.
- Marketing Adjusted Earnings impacted due to seasonal trends and foreign exchange impacts in Turkey.
- CFO excluding working capital of \$2.0 billion includes the timing impact of payments for emission certificates relating to German BEHG and US Biofuel programmes, which was offset by derivatives inflows of \$1.0 billion.

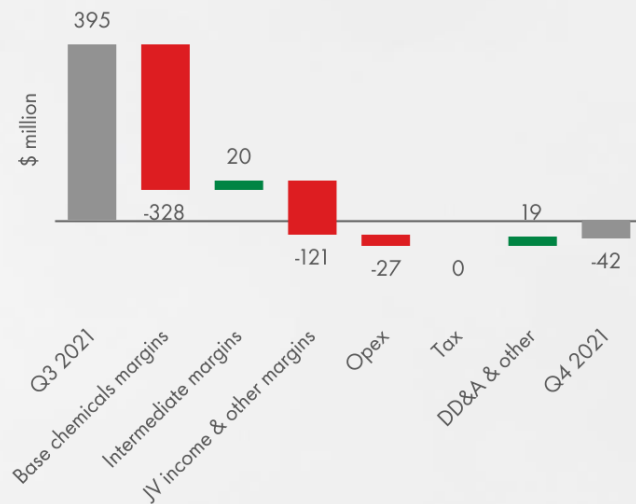


# Q4 2021 FINANCIAL RESULTS

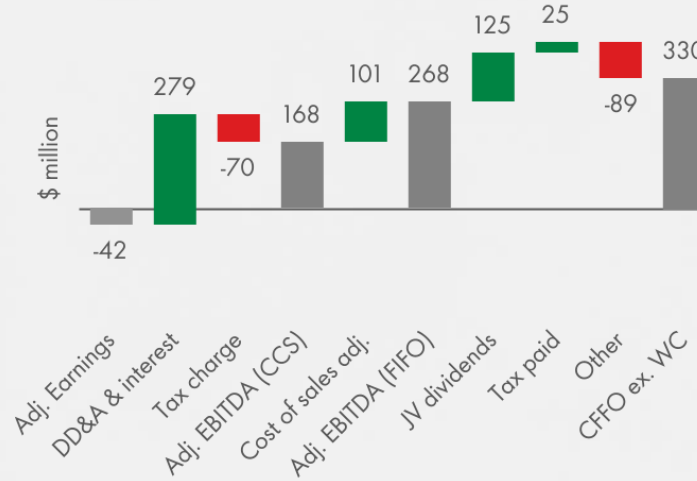
## CHEMICALS

**Quarterly Databook available on**  
**[www.shell.com/investors](http://www.shell.com/investors)**

### Adjusted Earnings



### Cash conversion Q4



### Q1 2022 outlook

- Manufacturing plant utilisation is expected to be approximately 78% - 86%.
- Sales volumes are expected to be approximately 3,300 - 3,700 thousand tonnes.

- Adjusted Earnings around break-even, reflect lower base chemicals spreads resulting in lower margins and JV earnings.
- Manufacturing plant utilisation impacted by Hurricane Ida recovery efforts in US Gulf Coast and an extended turnaround at Scotford.
- Cash conversion helped by timing of dividends from JVs.



# PRELIMINARY RESULTS

## SEC PROVED RESERVES POSITION

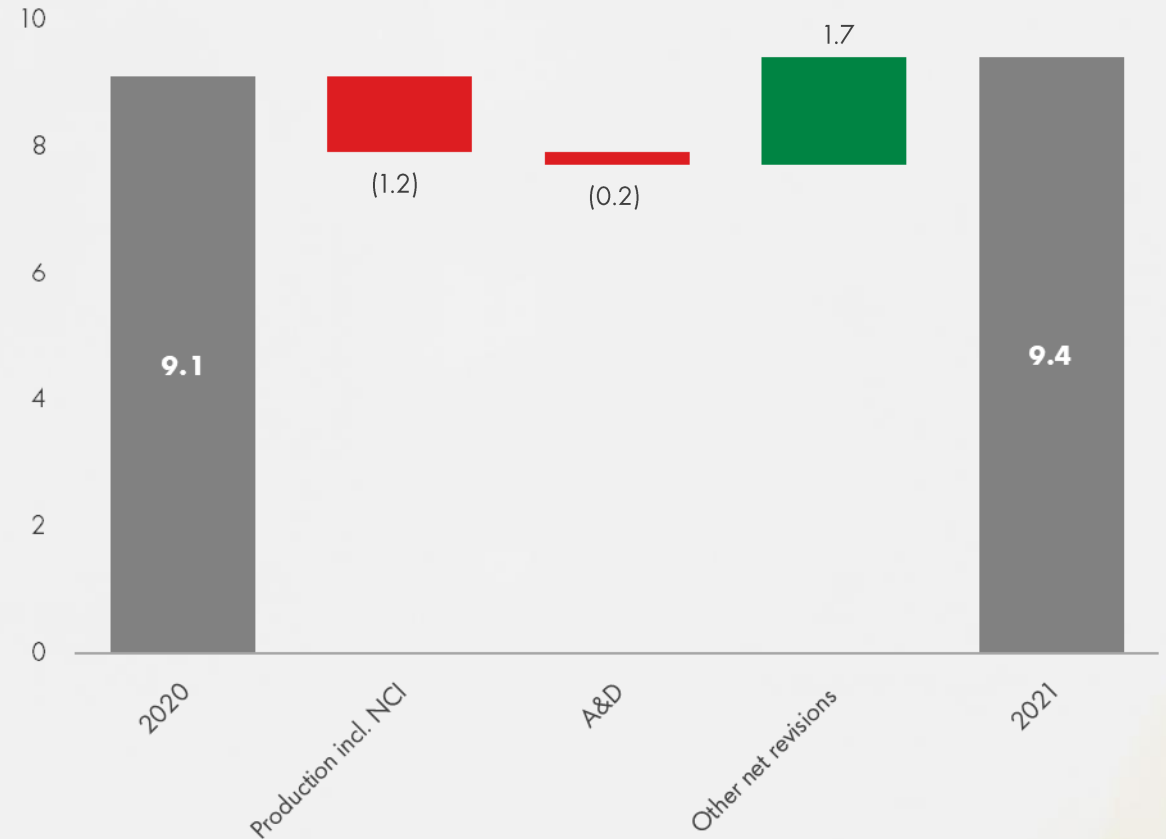
### Reserves performance

- 2021 RRR +120%
- 2021 RRR (excl. A&D) +138%
- 3-year average RRR +43%
- Reserves/Production at end-2021 ~7.6 years

| billion boe                         | 2019 | 2020 | 2021  |
|-------------------------------------|------|------|-------|
| <b>Production</b>                   | 1.4  | 1.3  | 1.2   |
| <b>SEC proved reserves</b>          | 11.1 | 9.1  | 9.4   |
| <b>Reserves/ Production (years)</b> | ~8.0 | ~7.1 | ~7.6  |
| <b>RRR</b>                          | 65%  | -53% | +120% |

### Proved reserves 2021 vs 2020

billion boe



# SHARE SIMPLIFICATION

## SIMPLER. MORE FLEXIBLE. FASTER.

### DELIVERING THE STRATEGY

#### ACCELERATE SHARE BUYBACKS

Establishing a conventional single-share structure

#### ENHANCE COMPETITIVENESS

By managing our portfolio with greater agility throughout the energy transition

#### REDUCE SHAREHOLDER RISKS

With a share structure in line with our competitors and most other global companies

**2005 Unification:** The dual-share structure of RDS was created in 2005 with tax residency in the Netherlands and legal form of a UK plc.

**January 2022:** Name change, and assimilation of shares implemented.

| Euronext | LSE    | NYSE |
|----------|--------|------|
| Shares   | Shares | ADS  |
| SHELL    | SHEL   | SHEL |

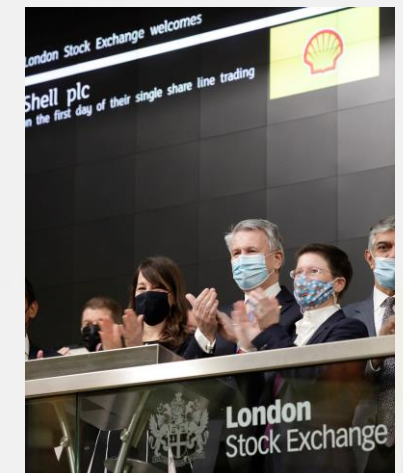


2005

2021

2022

**December 2021:** Board proposal to enable the simplification of shares received 99.77% of the votes in favour. RDS sets out expected timetable of simplification and announced the change of name to Shell plc.



# ENHANCING DISCLOSURES AND IMPROVING TRANSPARENCY

## NEW REPORTING SEGMENTS

Introduction of Quarterly Update Note

Quarterly Press Release

Enhanced quarterly disclosures

New reporting segments

Q3  
2019

Q2  
2020

Q1  
2021

Q1  
2022

### Current segments

**Oil Products**  
(Marketing, Refining  
and Trading)

**Integrated Gas**  
(IG and R&ES)

**Chemicals**

**Upstream**

**Corporate**

### Future segments Reporting scope

**Marketing**

**Renewables and  
Energy Solutions**

**Integrated Gas**

**Chemicals &  
Products**

**Upstream**

**Corporate**

**Mobility**

Business activities for our retail network (includes e-mobility and EV charging services) and Shell Fleet Solutions fuel card business

**Lubricants**

**Sectors & Decarbonisation**

Includes: low-carbon fuels, aviation, marine, Raizen JV, commercial road transport, construction & road and agriculture

**Integrated Power**

Customer solutions, marketing and trading of power, renewable electricity generation

**Gas Marketing & Trading**

Supply of natural gas to utility, industrial and retail customers

**Hydrogen**

Production & supply of decarbonised hydrogen

**Nature & Environmental Solutions**

Trading of carbon credits and investment in nature-based projects that avoid or reduce carbon

**Carbon Capture & Storage**

Developing commercial CCS hubs

**LNG**

**GTL**

**Chemicals**

**Products – Refining  
and Trading**

### Strategic pillars

**Growth**

MARKETS


**Transition**

ASSETS

**Upstream**

RESOURCES

Enhanced value delivery through trading and optimisation

 Separately reported in the Quarterly Databook





# MARKETING MAJOR PROJECTS



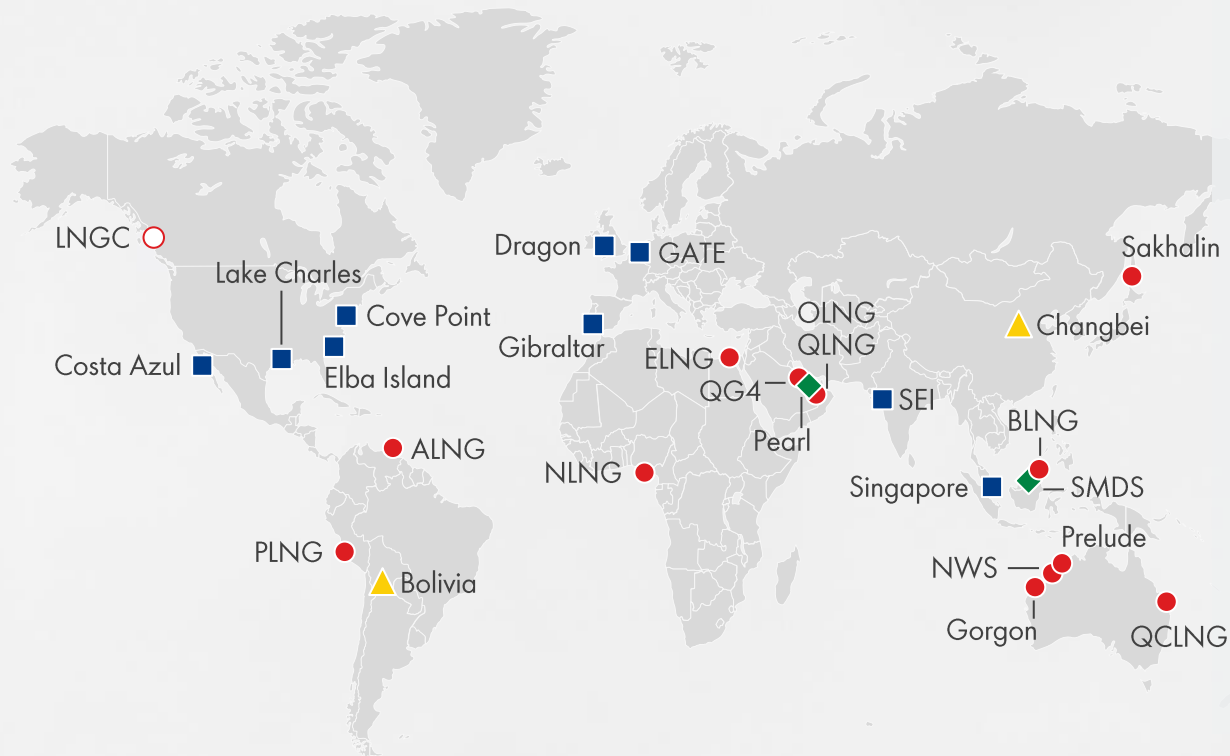
## KEY

▼ Low-carbon fuels

| Project  | Country         | Shell share % | Products              | Shell-operated |
|--|-----------------|---------------|-----------------------|----------------|
| <b>Under construction – Start-up 2022-2023</b> |                 |               |                       |                |
| Shell Bovarius                                 | USA             | 100           | Renewable Fuels – RNG | ✓              |
| Shell Galloway                                 | USA             | 100           | Renewable Fuels – RNG | ✓              |
| LanzaJet                                       | USA             | 15.4          | Renewable Fuels       |                |
| Varennes Carbon Recycling                      | Canada          | 40            | Renewable Fuels       |                |
| <b>Under construction – Start-up 2024+</b>     |                 |               |                       |                |
| Biofuels Plant Rotterdam                       | The Netherlands | 100           | Renewable Fuels       | ✓              |
| <b>Pre-FID options</b>                         |                 |               |                       |                |
| NL Enkerm                                      | The Netherlands | 100           | Renewable Fuels       | ✓              |
| Biofuels Plant Singapore                       | Singapore       | 100           | Renewable Fuels       | ✓              |
| Biofuels Plant Convent                         | USA             | 100           | Renewable Fuels       | ✓              |
| Shell Friesian                                 | USA             | 100           | Renewable Fuels – RNG | ✓              |
| Shell Dexter                                   | USA             | 100           | Renewable Fuels – RNG | ✓              |
| Bukom Group II Base Oil                        | Singapore       | 100           | Lubricants            | ✓              |



# INTEGRATED GAS PORTFOLIO & MAJOR PROJECTS



## KEY

- Liquefaction plants
- Liquefaction plants under construction
- Regasification terminals
- ◆ GTL
- ▲ On-stream gas projects

| Project  | Country           | Shell share % | Peak production kboe/d | LNG capacity mtpa | Shell-operated |
|--|-------------------|---------------|------------------------|-------------------|----------------|
| <b>Under construction – Start-up 2022-2023</b> |                   |               |                        |                   |                |
| Arrow - Surat Gas                              | Australia         | 50            | backfill               |                   |                |
| Colibri  | Trinidad & Tobago | 87            | backfill               |                   | ✓              |
| Gorgon - Jansz                                 | Australia         | 25            | backfill               |                   |                |
| Oman Gas*                                      | Oman              | 53            | 120                    |                   | ✓              |
| <b>Under construction – Start-up 2024+</b>     |                   |               |                        |                   |                |
| Gorgon - Jansz compression                     | Australia         | 25            | backfill               |                   |                |
| LNG Canada T1-2                                | Canada            | 40            |                        | 14                |                |
| NLNG T7  | Nigeria           | 26            |                        | 7.6               |                |
| <b>Pre-FID options</b>                         |                   |               |                        |                   |                |
| Abadi  | Indonesia         | 35            | 245                    | 9.5               |                |
| East Med                                       | Egypt             | 35            | backfill               |                   |                |
| LNG Canada Expansion                           | Canada            | 40            |                        | 14                |                |
| Manatee  | Trinidad & Tobago | 100           | backfill               |                   | ✓              |
| NWS - Browse                                   | Australia         | 27            | backfill               |                   |                |
| Prelude - Crux                                 | Australia         | 82            | backfill               |                   | ✓              |
| QGC SW20+ Measure                              | Australia         | 62            | backfill               |                   | ✓              |
| Tanzania                                       | Tanzania          | 25            | [A]                    | 15                | ✓              |

\*FID of the project subject to the issuance of a Royal Decree by the government of the Sultanate of Oman confirming award of the Block 10 Concession Agreement.



# CHEMICALS AND PRODUCTS PORTFOLIO & MAJOR PROJECTS



## KEY

- Energy and chemicals parks – Integrated refining and chemicals sites
- Chemicals-only sites
- Sites under construction

| Project                                    | Country         | Shell share % | Products                        | Shell-operated |
|--|-----------------|---------------|---------------------------------|----------------|
| <b>Under construction – Start-up 2022</b>  |                 |               |                                 |                |
| Pennsylvania Petrochemicals Complex        | USA             | 100           | 1.5 mtpa Polyethylene           | ✓              |
| <b>Under construction – Start-up 2023+</b> |                 |               |                                 |                |
| Moerdijk energy efficiency                 | The Netherlands | 100           | Olefins                         | ✓              |
| <b>Pre-FID options</b>                     |                 |               |                                 |                |
| Chemicals derivatives                      | USA             | 100           | Derivatives                     | ✓              |
| Cracker & derivatives                      | Iraq            | [A]           | [A]                             | [A]            |
| CSPC expansion project                     | China           | 50            | Olefins & performance chemicals |                |
| CSPC Polycarbonate project                 | China           | 50            | Polycarbonates                  |                |



# UPSTREAM PORTFOLIO & MAJOR PROJECTS



Total projects under construction

Shell share > 500 kboe/d

Pre-FID options

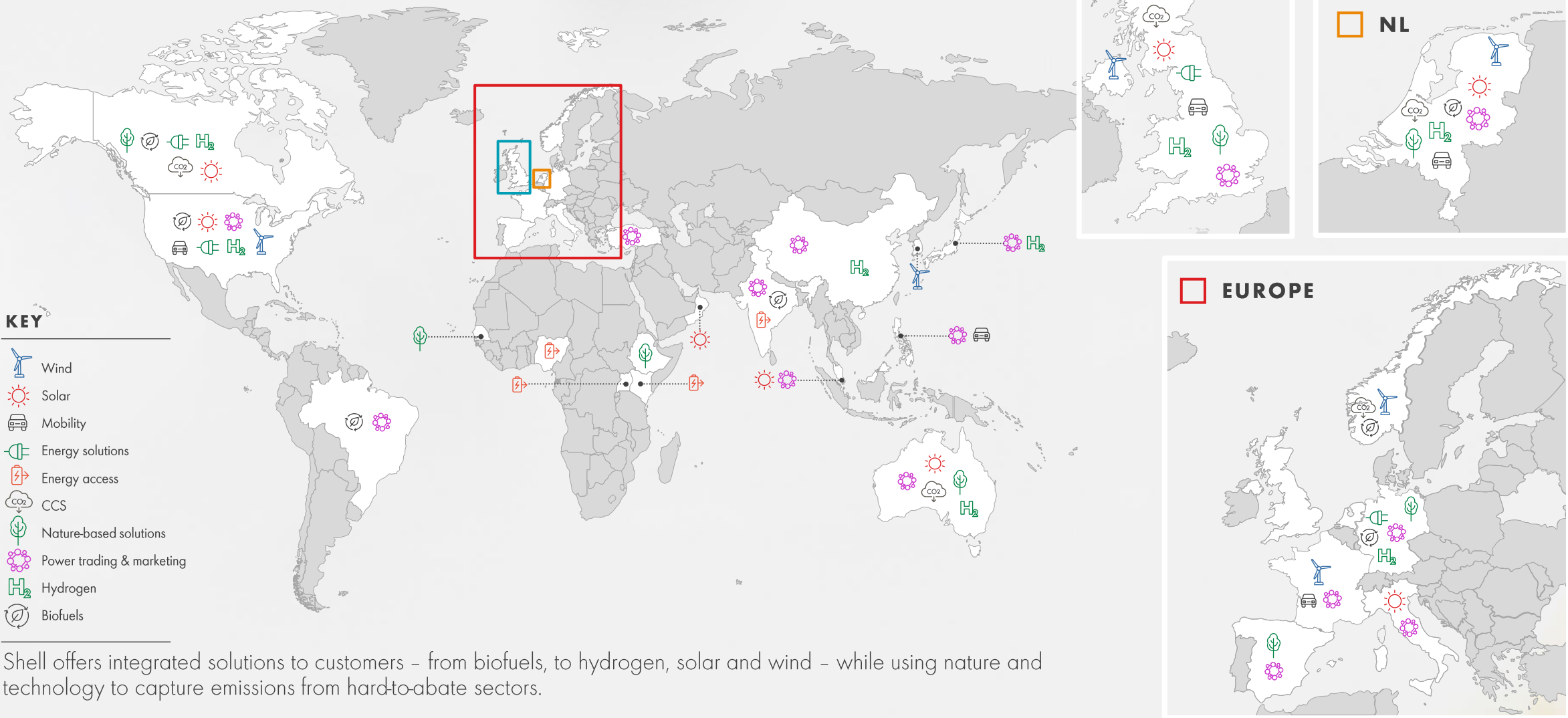
Shell share > 800 kboe/d

| Project  | Country    | Shell share % | Peak production kboe/d | Shell-operated |
|--|------------|---------------|------------------------|----------------|
| <b>Under construction – Start-up 2022-2023</b> |            |               |                        |                |
| Mero 1 [A]                                     | Brazil     | 20            | 180                    |                |
| Mero 2 [A]                                     | Brazil     | 20            | 180                    |                |
| Timi   | Malaysia   | 75            | 50                     | ✓              |
| Pierce post Depressurisation                   | UK         | 93            | 30                     | ✓              |
| Penguins Redevelopment                         | UK         | 50            | 45                     | ✓              |
| PowerNap                                       | USA        | 100           | 20                     | ✓              |
| Vito   | USA        | 63            | 100                    | ✓              |
| <b>Under construction – Start-up 2024+</b>     |            |               |                        |                |
| Mero 3 [A]                                     | Brazil     | 20            | 180                    |                |
| Mero 4 [A]                                     | Brazil     | 20            | 180                    |                |
| Jerun  | Malaysia   | 30            | 95                     |                |
| Whale  | USA        | 60            | 100                    | ✓              |
| <b>Pre-FID options</b>                         |            |               |                        |                |
| Gato do Mato                                   | Brazil     | 50            | 70                     | ✓              |
| Sururu Main [A]                                | Brazil     | 24            | 140                    |                |
| Kashagan Phase 2B                              | Kazakhstan | 17            | 190                    |                |
| Marjoram/Rosmari                               | Malaysia   | 75            | 100                    | ✓              |
| Bonga South West                               | Nigeria    | 43            | 150                    | ✓              |
| HI Development                                 | Nigeria    | 40            | 75                     | ✓              |
| Bonga Main Life Extension & Upgrade            | Nigeria    | 55            | 60                     | ✓              |
| Bonga North Tranche 1                          | Nigeria    | 55            | 120                    | ✓              |
| Jackdaw  | UK         | 74            | 40                     | ✓              |
| Dover  | USA        | 100           | 30                     | ✓              |
| Fort Sumter                                    | USA        | 100           | 30                     | ✓              |

Projects listed are a selection of our project portfolio excluding short-cycle Shales activities. Peak production is 100%.  
 [A] Subject to unitisation agreements, production shown is FPSO oil capacity as per operator.



# A CUSTOMER-LED INTEGRATED ENERGY OFFERING



## Upcoming events

21 Feb 2022 Integrated Gas Business Update

5 May 2022 Q1 2022 results

10 May 2022 Annual ESG Update

24 May 2022 Annual General Meeting

## Useful links:

[Strategy Day 2021](#)

[Annual and Quarterly Databook](#)

[Shell Energy Transition Strategy](#)

[Annual reports and publications](#)

[Nigeria briefing notes 2021](#)

[ESG performance data](#)

[Simplified Share Structure](#)





# ADDITIONAL DEFINITIONS

| Metric                  | Definition  |
|-------------------------|---|
| Break-even price        | The forward-looking breakeven price for a pre-FID project is calculated at FID based on all forward-looking costs associated with that project. Accordingly, this typically excludes exploration & appraisal costs, lease bonuses, exploration seismic, exploration team overhead costs, etc. The forward-looking breakeven price for a pre-FID project is calculated based on our estimate of resources volumes (2C). As these pre-FID projects are expected to be multidecade producing projects, projection will not be reflected either in earnings or cash flow in the next five years.  |
| Unit technical cost     | Present value of real terms capital and operating expenditure divided by the production profile discounted to the reference date.   |
| Energy Transition Spend | Underlying opex and Cash capex, excluding spend in JV and Associates, for activities that support the decarbonization of our customers, including electric vehicle charging, low-carbon fuels (see <a href="#">Low carbon fuels   Shell Global</a> ), nature and environmental solutions, renewable electricity generation, decarbonised hydrogen, marketing & trading of power & natural gas and developing commercial CCS hubs. It also includes spend to provide non-energy products including Chemicals, Lubricants, Convenience Retail and road materials, that have no Scope 3 carbon emissions. It excludes all Refining, Upstream, LNG and GTL related spend, although there will be spend on mitigating / improving energy efficiency in these segments.<br>Classification deviates from EU Taxonomy definitions, which will be subject to separate disclosures. |





# CAPITAL ALLOCATION

## CAPEX EVOLVING TOWARDS GROWTH PILLAR

Portfolio level approach



### **SUSTAINING OUR STRATEGY** – Net debt above \$65 billion

Cash Priority: Strengthen balance sheet and maintain ~4% dividend per share growth annually, subject to Board approval

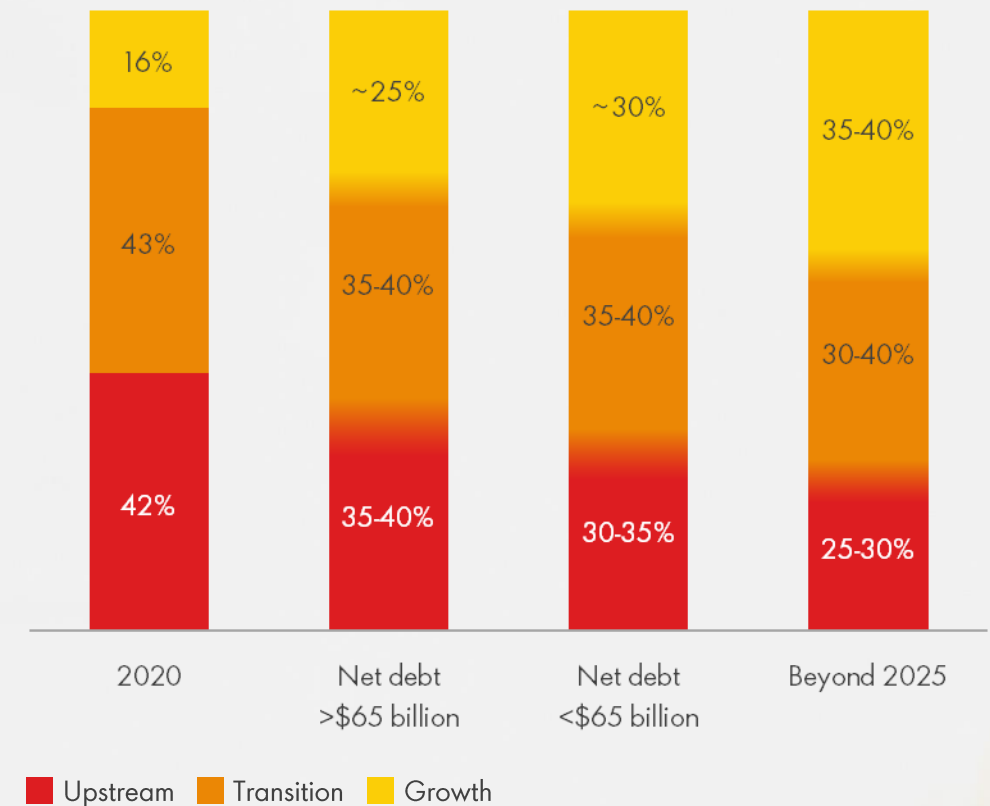
- Cash capex of \$19-22 billion per annum
  - Minimum capex to deliver the strategy
  - Growth pillar spend continues to sustain our strategy
- Underlying opex of less than \$35 billion per annum
- Divestments on average \$4 billion per annum

### **ACCELERATING OUR STRATEGY** – Net debt below \$65 billion

Cash Priority: Shareholder distributions in the range of 20-30% of CFFO

- Increase Cash capex to \$23-27 billion per annum
- Around 50% of incremental capex to Growth pillar
- Disciplined capex growth balanced with additional shareholder distributions

### Cash capex evolution







# CAPITAL ALLOCATION

## DIFFERENTIATED RETURN EXPECTATIONS BY BUSINESS

Project level approach

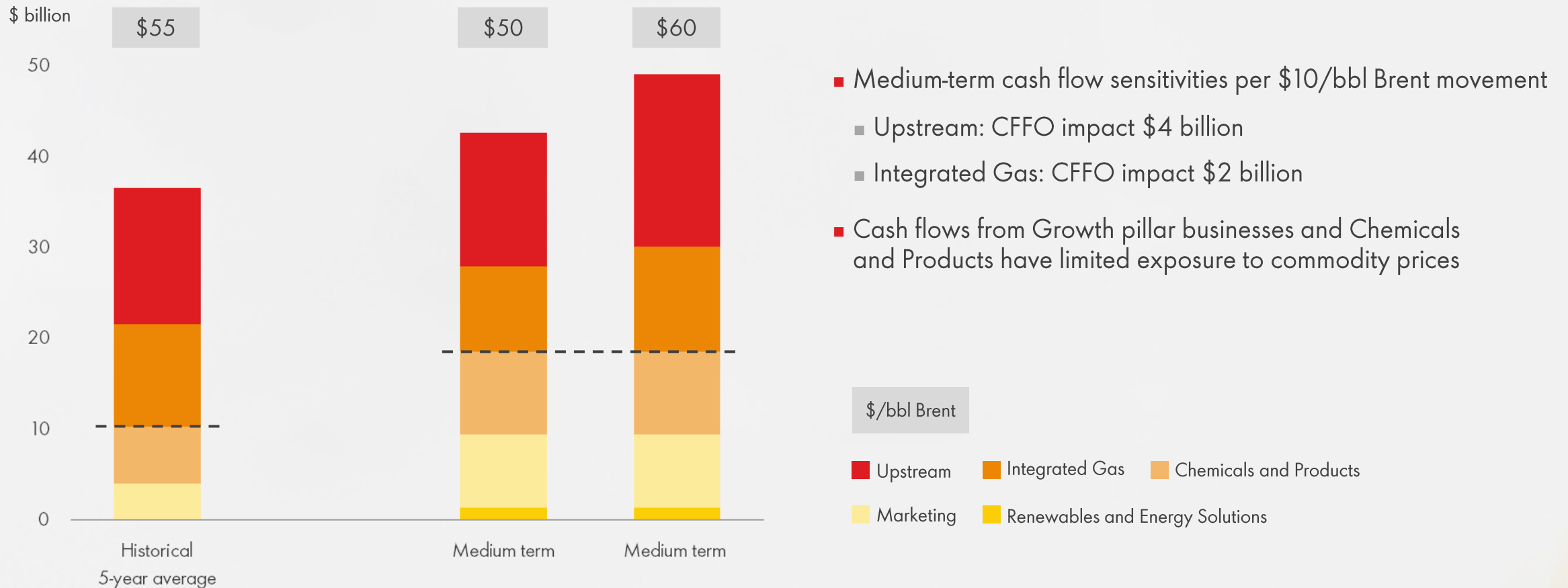


|  | <b>GROWTH PILLAR:</b><br>THE FUTURE OF ENERGY  |  | <b>TRANSITION PILLAR:</b><br>ENABLING OUR STRATEGY   |                               | <b>UPSTREAM PILLAR:</b><br>FUNDING OUR STRATEGY   |
|--|--|--|--|-------------------------------|---|
|  | <b>Marketing</b>   | <b>Renewables and Energy Solutions</b> | <b>Integrated Gas</b>  | <b>Chemicals and Products</b> | <b>Upstream</b>   |
| <b>TYPICAL PROJECT CHARACTERISTICS</b> | Lower capital requirement with sustainable cash flow growth<br> |  | Capital-intensive with longer-term cash flow profile and limited downside<br> |                               | Higher volatility with upside exposure<br> |
| <b>AVERAGE PROJECT RETURNS</b>         | <b>IRR 15-25%</b>  | <b>Integrated Power IRR &gt;10%</b>    | <b>IRR 14-18%</b>  | <b>IRR 10-15%</b>             | <b>IRR 20-25%</b>   |
|  |  Enhanced by trading and optimisation                          |  |  |                               |   |
| <b>ADDITIONAL CONSIDERATIONS</b>       | Payback 4-8 years<br>Opex yield >60%   | Equity IRR<br>Recycle capital          | Payback before 2040<br>UTC <\$5/MMBtu  | Payback ~10 years             | Payback before 2035<br>Average BEP ~\$30/boe  |



# CASH POTENTIAL

## DIVERSIFIED AND RESILIENT CASH GENERATION ACROSS THE CYCLE



# STRATEGY DAY 2021 DISCLOSURE OVERVIEW

## Carbon

- Net-zero emissions energy business by 2050 including all emissions (Scopes 1, 2 and 3), in line with society
  - 2023: 6-8% reduction
  - 2030: 20% reduction
  - 2035: 45% reduction
  - 2050: 100% reduction
- Eliminate routine flaring by 2030
- Maintaining methane emissions intensity <0.2% by 2025
- Oil production expected to decline by 1-2% per annum by 2030
- Growing gas share of hydrocarbon production to ~55% by 2030
- Delivering equivalent of >50 million households with renewable electricity by 2030

## Marketing

- Adjusted Earnings expected to grow to >\$6 billion by 2025
- 40 million customers served at retail service stations daily by 2025
- 55,000 Shell-branded retail service stations by 2025
- 1/8 machines and engines protected by Shell Lubricants by 2025
- 15,000 convenience stores by 2025
- EV charge points:
  - >500,000 by 2025, of which >30,000 charge points at Shell Recharge
  - ~2.5 million by 2030
- Opex yield >60%
- Ambition to produce ~2 million tonnes of SAF a year by 2025
- Aim to have 10% of global aviation fuel sales as SAF by 2030

## Renewables and Energy Solutions

- >15 million customers by 2030
- >560 TWh power sales to customers by 2030
- Capture double-digit share of global clean hydrogen sales by 2035
- Producing 8 times more low-carbon fuels than today
- Invest ~\$100 million per annum in nature-based projects
- ~120 mtpa of nature-based solutions by 2030
- Targeting over 25 mtpa CCS by 2035





# STRATEGY DAY 2021 DISCLOSURE OVERVIEW

## Integrated Gas

- Opex reduction of ~20% by 2022 vs. 2019
- >20% share in LNG bunkering sales by 2030
- >7 mtpa of new LNG capacity onstream by the middle of the decade
- Develop 3 mtpa of new LNG markets by 2025
- Project competitiveness: UTC <\$5/MMBtu

## Chemicals and Products

- 1 mtpa plastic waste processed by 2025
- Reducing traditional fuel production from ~100 to ~45 mtpa by 2030
- Reduce chemicals commodity exposure by ~70% by 2030
- \$1-2 billion annual CFFO by 2030 from new projects, compared with the medium-term cash generation

## Upstream

- ~80% of Cash capex to core positions
- Exploration:
  - >80% of spend to core positions
  - >70% of spend to Deep Water
  - No new frontier exploration entries anticipated after 2025
- Opex reduction of 20-30% by 2025 vs. 2019
- UDC reduction of ~10% by 2025
- UOC reduction of ~20% by 2025
- Project competitiveness: Average break-even price of ~\$30/boe



# REMUNERATION CHANGES TO DIRECTORS' REMUNERATION FOR 2021

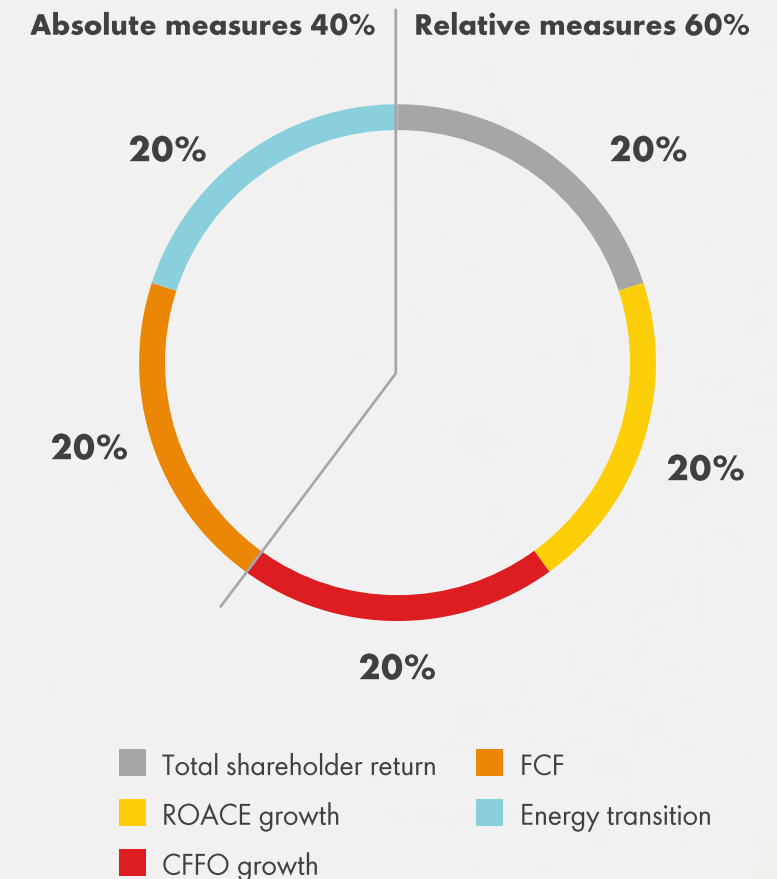
**NCF reduction target  
for 2021 LTIP awards  
6-8% from 2016 base  
line**

## 2021 Scorecard and LTIP design

### 2021 SHELL SCORECARD

| Measures                          |  | Unit  | Weighting |
|-----------------------------------|--|---|-----------|
| FINANCIAL DELIVERY                | Cash flow from operations              | \$ - bn                                       | 35%       |
|                                   |  |   |           |
| OPERATIONAL EXCELLENCE            | Asset management excellence [A]        | Availability - %                              | 25%       |
|                                   | Project delivery excellence            | Projects delivered on schedule and budget - % | 10%       |
| PROGRESS IN THE ENERGY TRANSITION | Greenhouse Gas emissions intensity [B] | Tonne CO <sub>2</sub> e intensity             | 10%       |
|                                   | Greenhouse Gas abatement               | Thousand tonnes of CO <sub>2</sub> e          | 5%        |
| SAFETY                            | Personal safety (SIF-F)                | Cases per 100 million working hours           | 7.5%      |
|                                   | Process safety                         | Number of events                              | 7.5%      |

### 2021 LTIP PERFORMANCE CONDITIONS

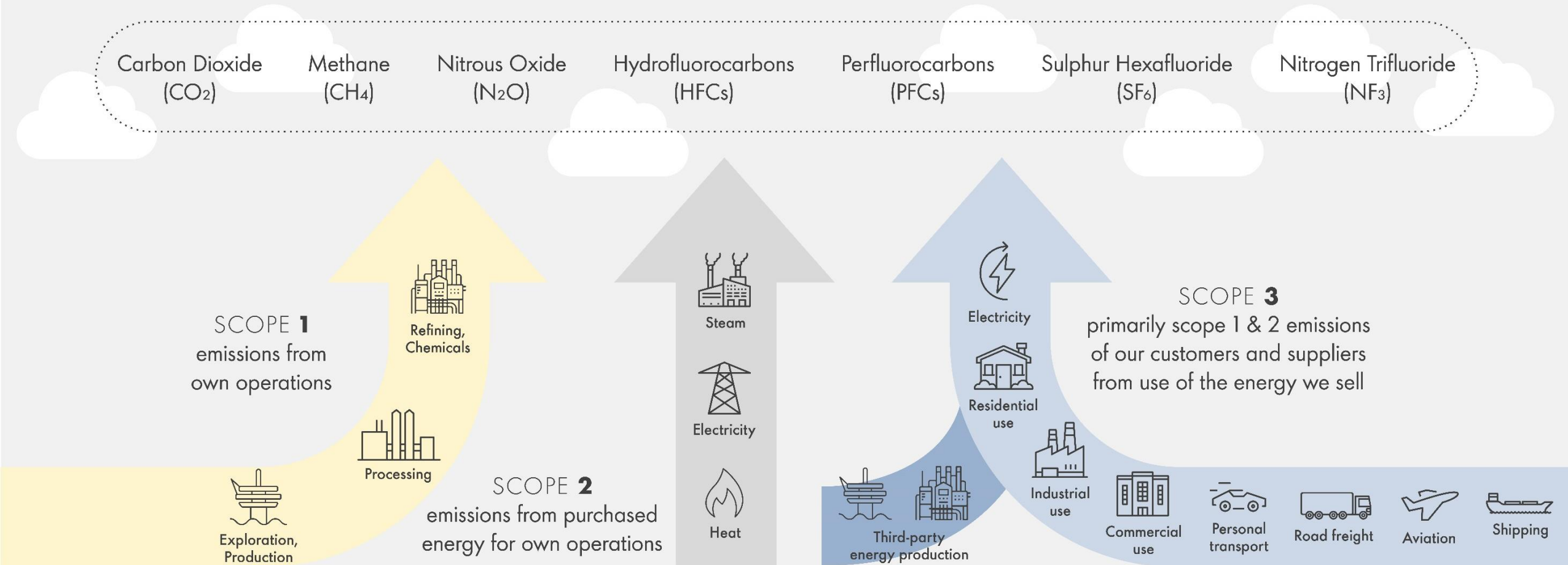


[A] Measured based on Upstream controllable availability; Midstream availability and Downstream availability, each equally weighted.

[B] Upstream/midstream (tonne CO<sub>2</sub> equivalent per tonne of hydrocarbon production available for sale): 4% weighting. Refining GHG (tonne CO<sub>2</sub> equivalent per Solomon's Utilised Equivalent Distillation Capacity): 4% weighting. Chemicals (tonne CO<sub>2</sub> equivalent per tonne of steam cracker high value chemicals production): 2% weighting.

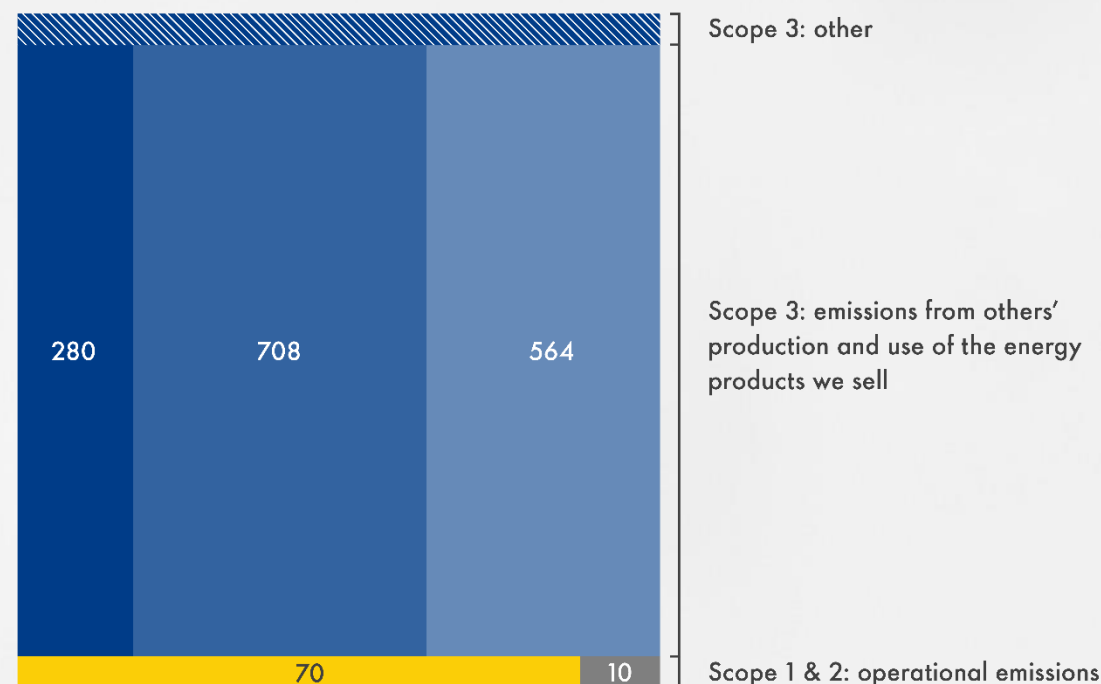


# We report our emissions in line with the Greenhouse Gas Protocol Initiative



# Vast majority of emissions result from the use of energy we sell

## An overview of emissions, million tonnes CO<sub>2</sub>e



SCOPE 1 ■ Direct emissions from all our operations

SCOPE 2 ■ Indirect emissions from purchased energy (electricity, heat, steam) to run our operations

SCOPE 3 ■ Emissions from production of third-party energy we sell

■ Customers' use of energy products we sold but did not produce

■ Customers' use of energy products we produced







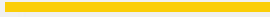





■ Estimated assessment of indirect emissions from non-energy products (e.g. chemicals, lubricants, capital goods)

- Our total emissions under operational control (Scopes 1 & 2) were 80 million tonnes CO<sub>2</sub>e\*
- Total emissions resulting from use of the energy products we sell (Scope 3) were 1551 million tonnes CO<sub>2</sub>e
- Our climate target comprehensively addresses:
  - all emissions from our operations
  - all emissions from the energy products that others produce and we sell to our customers
  - our customers' emissions from the use of all the energy products we sell
- This is critical because we sell around four times the amount of energy we produce ourselves

\*Based on 2019 data. Scope 1 & 2 emissions per operational control; Scope 1 & 2 emissions for 2019 based on a financial control boundary were 86 and 9 million tons, respectively.

# CARBON

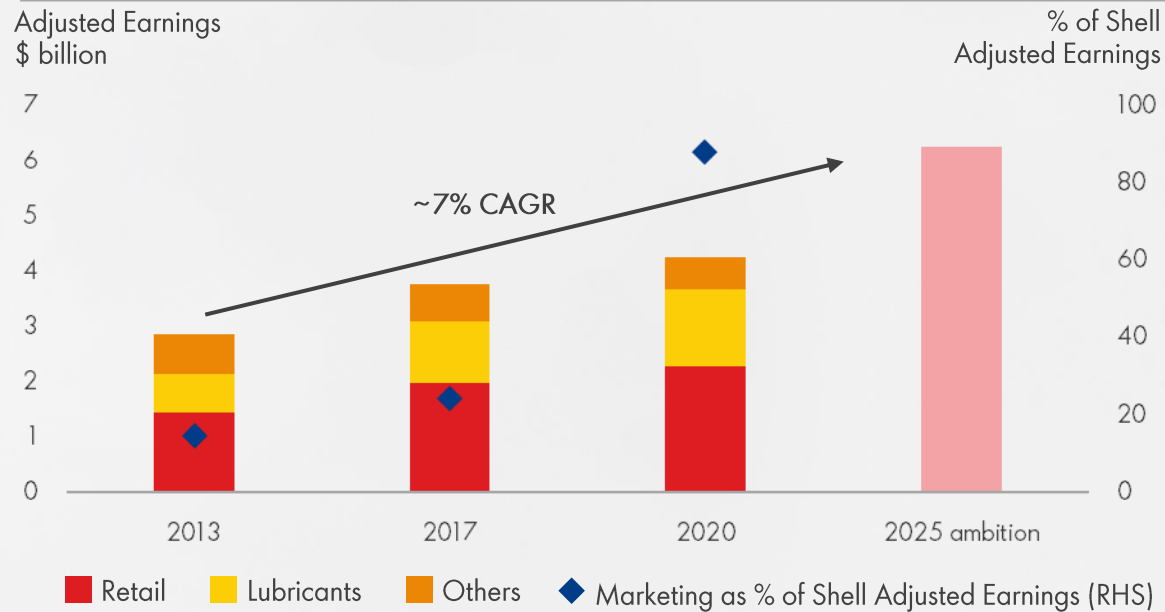
## EXAMPLES OF ENERGY TRANSITION MILESTONES BY 2030

|  |   |   |    |   |   |    |
|--|--|--|---|--|--|---|
|  | Operational efficiency <sup>1</sup>  | Natural gas shift  | Low-carbon power business   | Low-carbon fuels (biofuels, hydrogen)  | CCS  | Natural sinks   |
|  |  <ul style="list-style-type: none"> <li>■ Eliminating routine flaring</li> <li>■ Maintaining methane emissions intensity &lt;0.2% (2025)</li> </ul> |  <ul style="list-style-type: none"> <li>■ Oil production peaked in 2019, expected to decline 1-2% per annum</li> <li>■ No new frontier exploration entries anticipated post-2025</li> <li>■ Growing gas share of hydrocarbon production to ~55%</li> </ul> |  <ul style="list-style-type: none"> <li>■ Doubling electricity sold</li> <li>■ Delivering equivalent of &gt;50 million households with renewable electricity</li> <li>■ Operating ~2.5 million EV charge points</li> </ul> |  <ul style="list-style-type: none"> <li>■ Producing 8 times more low-carbon fuels than today</li> <li>■ Increasing low-carbon fuels sales to &gt;10% of transport fuels (up from 3% in 2020)</li> </ul> |  <ul style="list-style-type: none"> <li>■ Targeting over 25 mtpa CCS (by 2035)</li> </ul> |  <ul style="list-style-type: none"> <li>■ Aiming for ~120 mtpa of nature-based solutions</li> <li>■ High-quality offsets only</li> </ul> |



# MARKETING PERFORMING STRONGLY AND A PLATFORM FOR FUTURE GROWTH

## Strategic delivery on track; resilient growth through cycle



## Differentiated offerings contributing >50%

2020 gross margin contribution in %



## Customer access as key competitive differentiator



~30 million  
customers  
per day



~46 thousand  
sites in  
~80 countries



>50 million  
loyalty  
members



>1 million  
B2B customers in  
>160 countries





# RENEWABLES AND ENERGY SOLUTIONS

## INTEGRATED POWER PORTFOLIO – DELIVERING CUSTOMER-CENTRIC ENERGY SOLUTIONS

- A new Shell business established in 2016
- More than 650 professionals, around a third being external hires with experience across the power sector, and more than 3,400 staff in Shell portfolio companies
- \$3.2 billion invested over 2016 - 2020
- A strong brand with unique customer access
  - More than 1 million residential and small business customers, predominantly in Europe, and expanding globally
  - More than 10,000 commercial and industrial customers
  - Strategic alliances with Microsoft and Amazon
- Decades of experience in power trading and wholesale supply
  - Global power sales to end customers at ~255 TWh in 2020
  - One of the top three power wholesale traders in North America
- Managing green electrons for our customers
  - Access to 5.6 GW of operating renewable power capacity globally
  - 1.9 GW of renewable generation capacity in operation and 7.8 GW in development<sup>1</sup>



More than 60,000 operated EV charge points in 14 countries

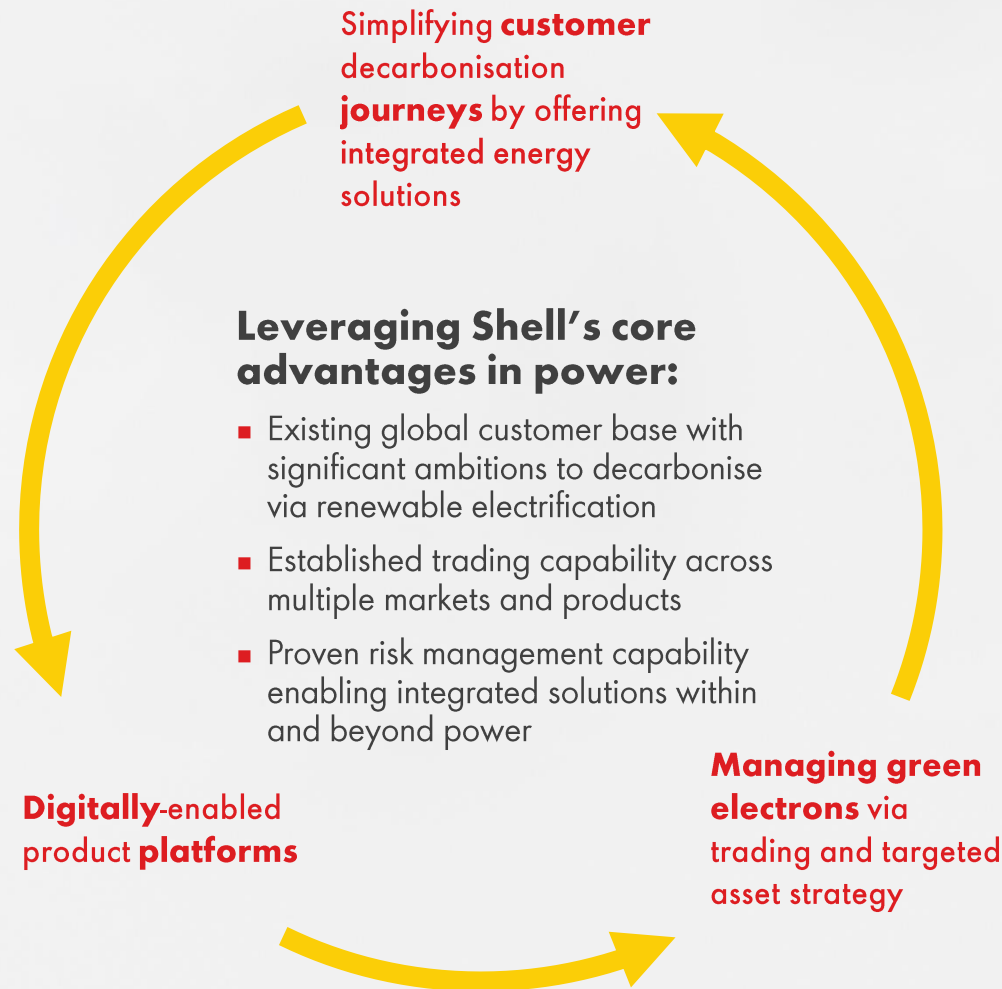


Borssele III & IV wind farm in the Netherlands reached first power in 2020





# RENEWABLES AND ENERGY SOLUTIONS A CUSTOMER-FIRST STRATEGY – INTEGRATED CLEAN ENERGY SYSTEMS DRIVE HIGHER RETURNS



## Our Ambition

### A leading provider of clean **Power-as-a-Service**

- Our customer-first strategy will differentiate us from our peers and target greater than 10% unlevered IRR
- Higher margins through a hard-to-replicate Power-as-a-Service integrated business model
- Digital will be a key enabler and through partnerships we will accelerate our capability
- We will invest \$2-3 billion per annum on average in the near term and leverage third-party capital to grow a material asset base, focusing on renewable generation capacity where it enables our customer solutions
- We aim to substantially increase our investment to build a material business for Shell so that by 2030 we have:

**>15 mln**

Customers served

**>560 TWh**

Sales to customers

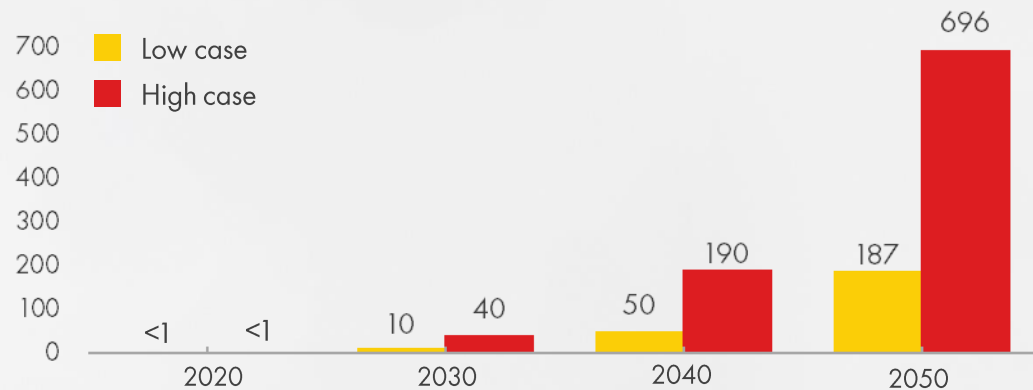
- We aim for our sales to be, generally, on average of lower carbon intensity than the grid average, contributing to greening the grid where we sell power



## CREATING A CLEAN HYDROGEN MARKET TO SERVE INDUSTRY AND HEAVY-DUTY TRANSPORT

### Clean hydrogen<sup>1</sup> global demand projections

Million tonnes per annum



- The clean hydrogen market could grow to up to 50% of today's oil demand by 2050

### Shell's leading position in a fast-growing market

- Decades of expertise in hydrogen retailing with more than 50 Shell-operated sites globally and working to enable the mass-market roll-out of hydrogen trucks
- A strong funnel of green hydrogen projects with more than 4 GW of capacity announced
- Experience of building integrated new value chains at scale starting from customer needs

### Our hydrogen strategy

- Orchestrate integrated hydrogen hubs to serve industry and heavy-duty transport, anchored on Shell's own demand
- Utilise unique integration opportunities across Shell's portfolio:
  - Access to green electrons, natural gas and CCS
  - Established relationships with mobility and industrial customers
  - Repurposing of existing infrastructure like retail sites and gas pipelines
- Aim to replicate the scale, flexibility and success of our LNG market position and capture a double-digit share of global clean hydrogen sales



Hydrogen is stored in tanks at a Shell site in Germany



# RENEWABLES AND ENERGY SOLUTIONS

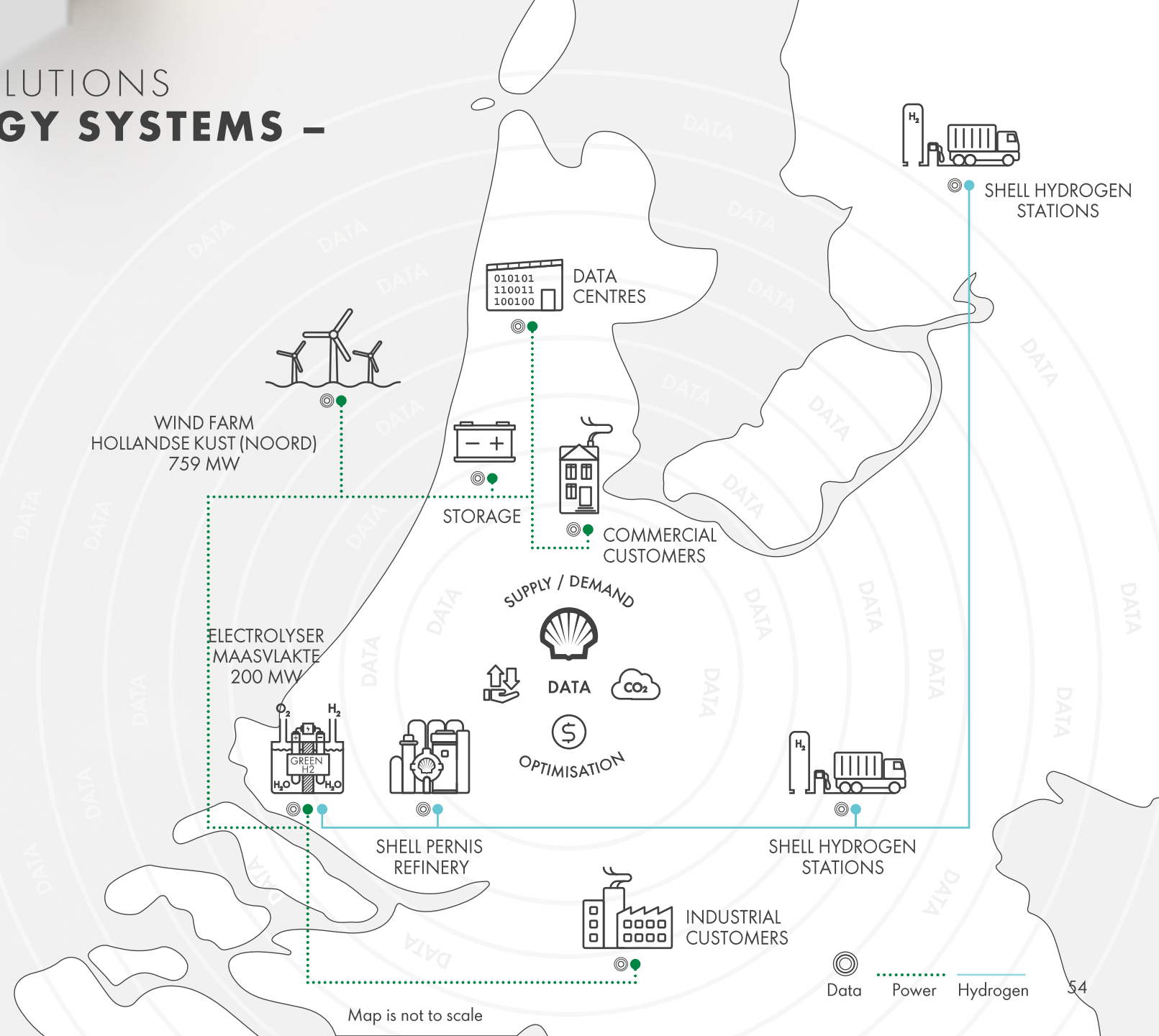
## INTEGRATED CLEAN ENERGY SYSTEMS – ROTTERDAM EXAMPLE

- Customer-centric approach
- Digitally-enabled product platforms
- Customer-demand-backed asset development

Example:

### Rotterdam Clean Energy Hub

- Our offtake agreement from the Hollandse Kust (Noord) wind farm (759 MW capacity) enables Shell to:
  - Supply power via a 250 MW PPA to an anchor customer in support of its decarbonisation objectives
  - Trade power on the open market to serve additional customers and/or Shell own use
  - Power a 200 MW electrolyser
- Hydrogen plays a balancing role as an energy storage solution to increase system resilience
- By anchoring demand on the Shell Pernis refinery, we support the development of the green hydrogen infrastructure for the trucking sector
- Porthos CCS adds optionality to the system by enabling blue hydrogen



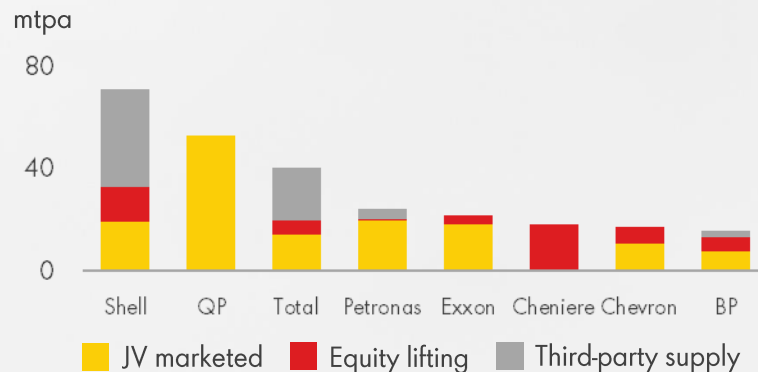
# INTEGRATED GAS

## WORLD LEADER IN LNG: RESILIENT CASH GENERATION INTO THE FUTURE

### Lead the market

- Leverage world-class innovation, flexibility and LNG trading capabilities
- Grow market footprint by creating new markets and embracing new customers
- Build material LNG for transport business by 2030 with >20% share in LNG bunkering sales

### LNG portfolios in 2020

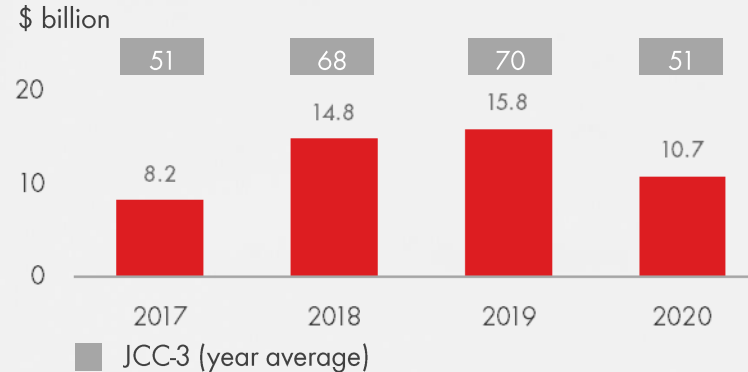


**Serve customers in the fastest growing energy markets**

### Run the business

- Unmatched portfolio optionality and resilience; proven in market downturn
- Pearl GTL with record production in 2020; aiming to grow value from GTL products
- Target ~20% opex reduction by 2022

### Cash flow from operations

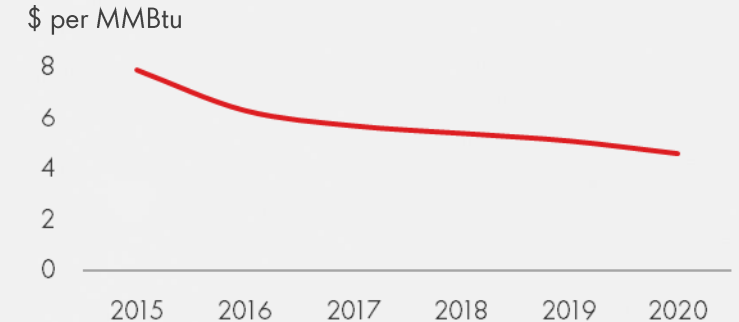


**Deliver resilient results**

### Grow the business

- Selective investment in competitive LNG assets, >7 mtpa of new capacity onstream by middle of the decade
- Competitive project funnel with expected average IRR of 14-18% and unit technical cost below \$5/MMBtu
- Greater value, volume and optionality with diversified sources of supply

### Unit technical cost



**Further extend our leading position**

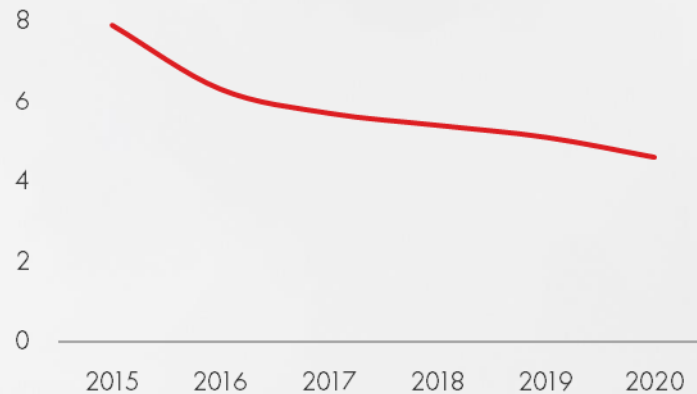


# INTEGRATED GAS

## GROW OUR UNMATCHED LNG SUPPLY PORTFOLIO

### Unit technical cost

\$ per MMBtu



### Competitive funnel of opportunities

- Selective investment in competitive LNG assets; including backfill and expansion options
- Unit technical cost reduced by around 40% to \$4.8/MMBtu since 2015
- Project funnel with expected average IRR of 14-18%
- Exploration focused on backfill opportunities

### Key

- Shell equity (existing and under construction)
- Third-party term supply (existing and under construction)

### Deliver projects

- More than 7 mtpa of capacity to be added from LNG Canada and Nigeria LNG Train 7
- Both projects on track to deliver first cargo by the middle of the decade

### Diversified supply chain

- Identify most competitive sources of supply to further strengthen and diversify portfolio
- Expand supply portfolio through additional offtake agreements, e.g. with Mozambique LNG, Venture Global



# INTEGRATED GAS INTEGRATED ENERGY SOLUTIONS IN QUEENSLAND, AUSTRALIA

1

LNG export & domestic gas sales  
serve local and global customers ...

**QGC**

**7.8 MT**  
sold globally

**2.5 BCM**  
domestic sales

**arrow  
energy**

**0.5 BCM**  
supplied to QGC

2

... with power retailing established and  
a solid customer base ...

**erm  
POWER**

**17 TWh**  
annual sales

3

... and renewable energy investments supply  
core customer demand ...

Gangarri

**120 MW**  
solar farm being built

**sonnen**

**Since 2016**  
providing energy storage

**ESCO  
Pacific**

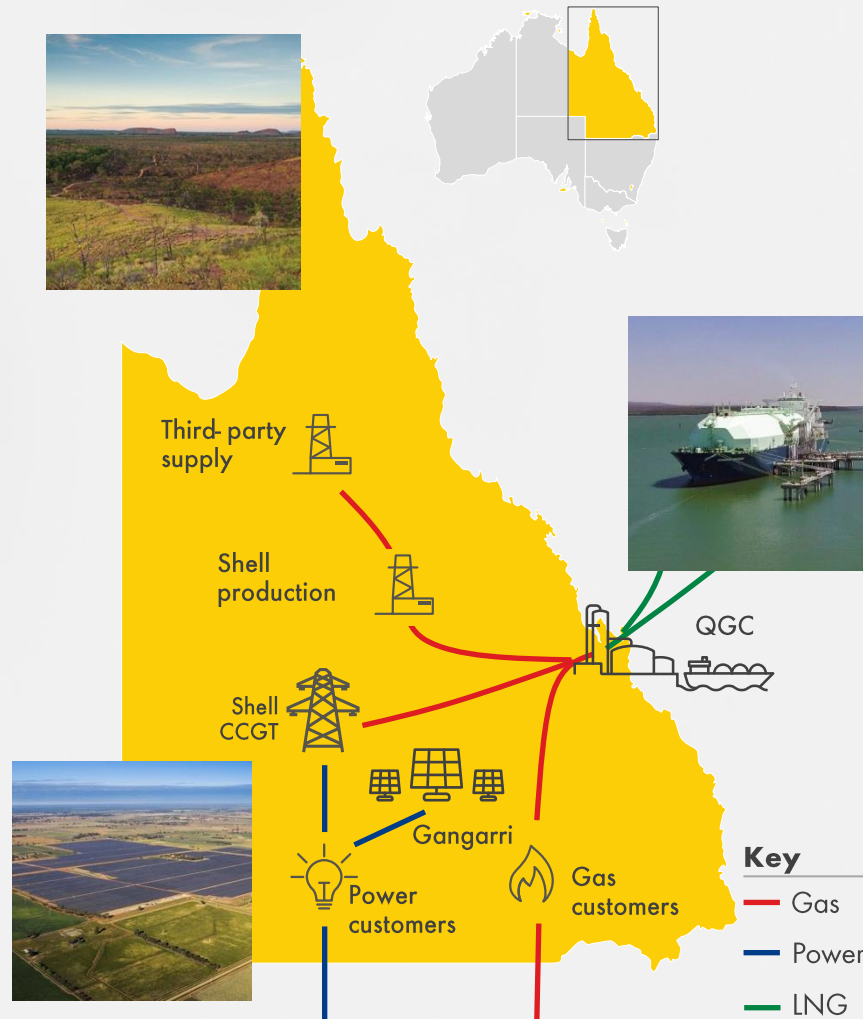
**680 MW**  
solar projects  
developed and sold

4

... and nature-based solutions help offset  
emissions

**SelectCarbon**

**10 million ha**  
in 70 projects



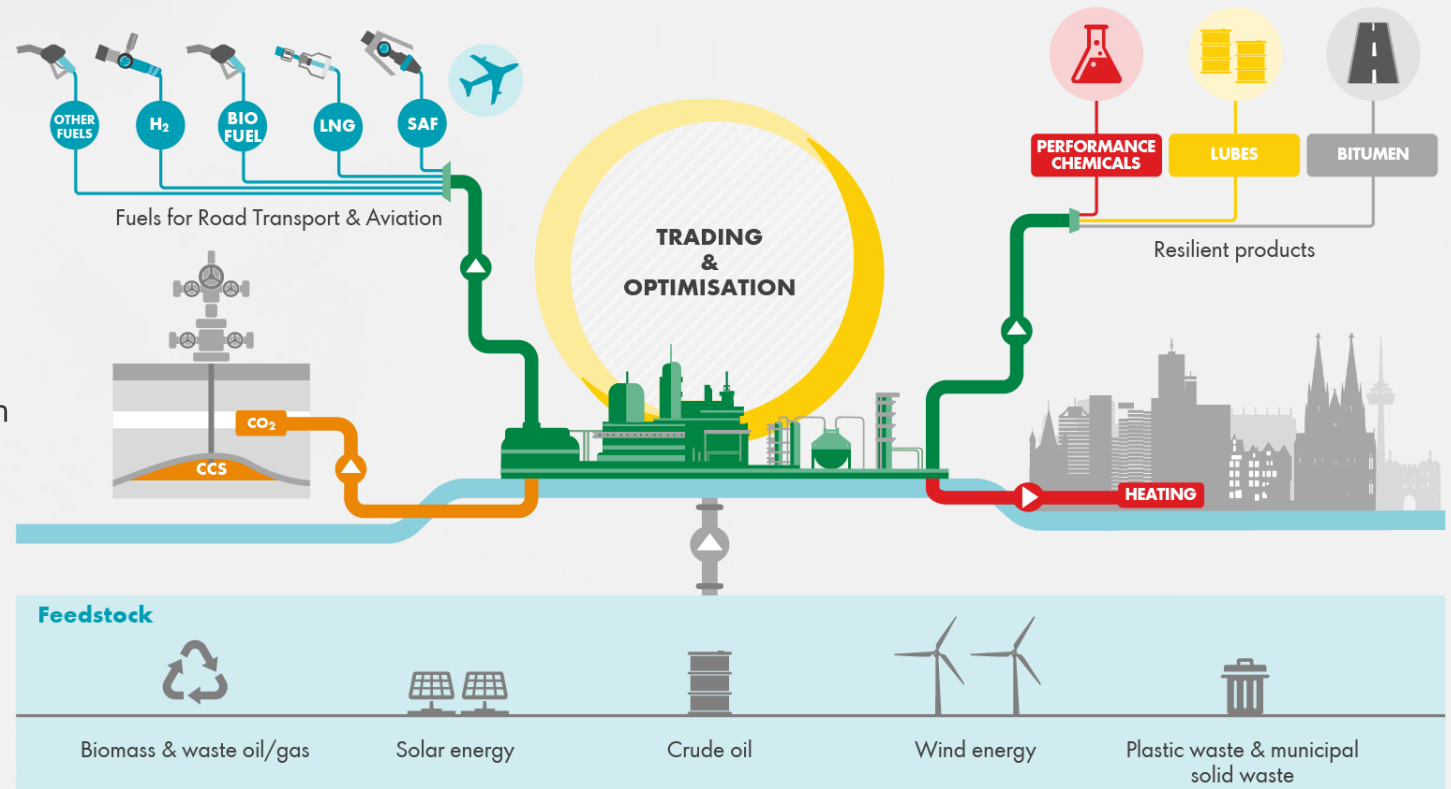


# CHEMICALS AND PRODUCTS

## DELIVERING LOW-CARBON SOLUTIONS THROUGH INTEGRATED ENERGY AND CHEMICALS PARKS

### Transition to 5 core Energy and Chemicals Parks

- Delivering synergies through integrating Refining and Chemicals, bringing customers and assets together
- Expanding to low-carbon product offerings
- Utilising existing infrastructure and assets enables a faster and more efficient transition
- Progress made on transforming 5 core assets to low-carbon solutions driven by customer demand:
  - Divestment of Martinez and Fredericia
  - Conversion of Tabangao
  - Closure of Convent
  - Rightsizing capacity at Bukom
  - Porthos CCS at Pernis
- Selective growth in Chemicals



**Transformation of 5 core Energy and Chemicals parks driven by pace of energy transition and customer demand. Aim to complete before end of this decade.**

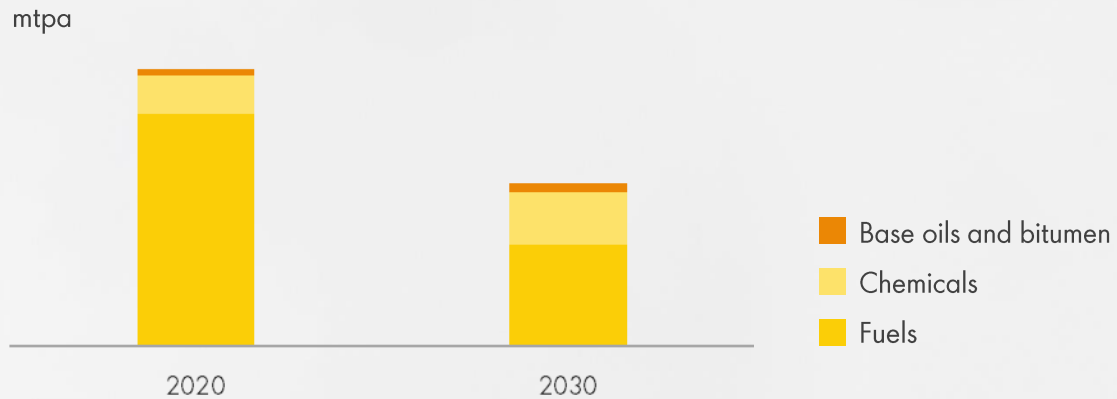




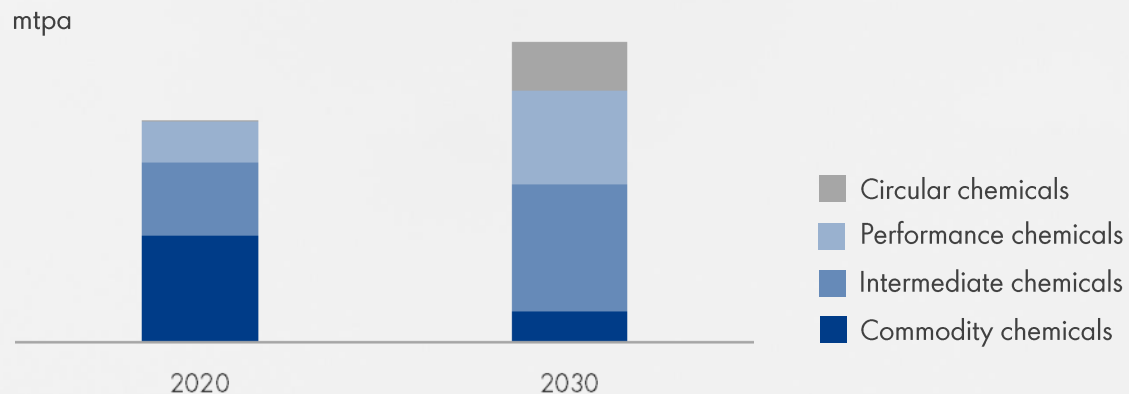
# CHEMICALS AND PRODUCTS

## TRANSFORMING OUR ASSETS FOR THE CUSTOMER OF THE FUTURE

### Reducing fuel production at Energy and Chemicals Parks



### Increase performance chemicals at a higher margin



### Reduce commodity exposure

- Transforming to reduce emissions (Scope 3) from our products
- Reducing traditional fuel production from ~100 to ~45 mtpa by 2030

### Unlock integrated value with trading and optimisation

- Optimise the output from our assets in real time
- Unique competitive advantage in volatile commodity markets

### Grow chemicals as an enabler

- Further reduce commodity exposure by ~70% by 2030, increasing margins through intermediate and performance chemicals investments
- Investment in integrated petrochemical complexes in emerging markets
- Healthy funnel of opportunities to increase annual CFFO by up to an additional \$1 to \$2 billion by 2030 compared with the medium-term cash generation



# UPSTREAM DELIVERING THE ENERGY OF TODAY WHILE FUNDING THE ENERGY OF TOMORROW

## SUSTAINING CASH DELIVERY INTO THE 2030s



### Focusing the portfolio

- Prioritising 8 core advantaged positions that generate more than 80% of Upstream CFFO
- Core positions to attract ~80% of Cash capex
- Maximising value from lean positions: develop into core, harvest for cash or divest
- Focusing exploration on core positions (>80% spend) with an emphasis on Deep Water (>70% spend)
- De-risking our current frontier positions by 2025. Thereafter, no new frontier exploration entries anticipated
- Our oil production peaked in 2019 and has declined by 8% from 2019 to 2021. Post completion of the Permian divestment, we expect oil production on average to decline by 1-2% per annum through 2030.

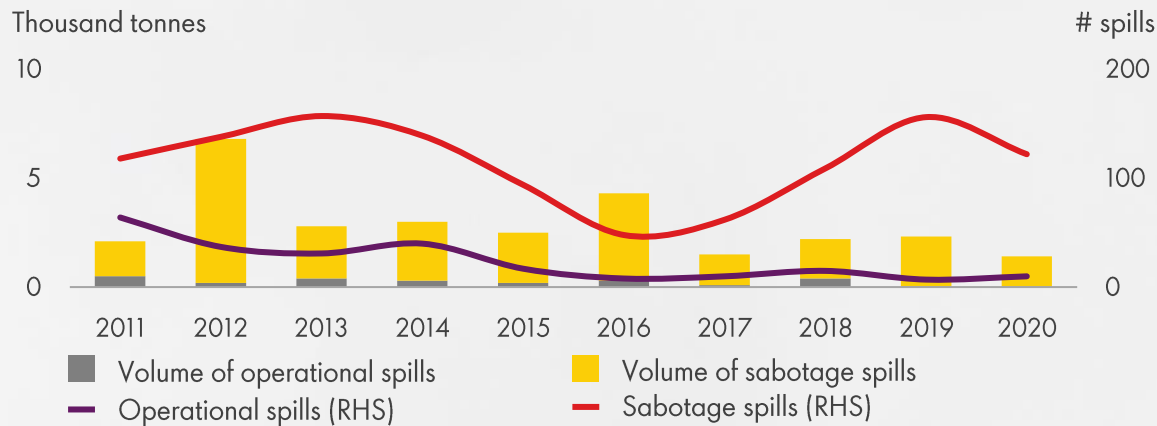


# NIGERIA

## ENVIRONMENTAL PERFORMANCE: SPILLS

**More than 90% of spills related to sabotage**

### SPDC JV spills



- A focused operational response by SPDC JV has resulted in notable improvements on spills in 2020
  - Total spilled volume of crude oil is the lowest for at least 10 years
  - Total number of spills are down 22% compared with 2019
  - 1% of the spilled volumes were operational and 99% were third-party caused spills
  - Over 350 wellhead cages have been fitted for asset protection
  - Enhanced engagements with communities driving increased awareness of the negative impact of theft and sabotage
- Despite these interventions sabotage and theft continues – a total of 122 spills were recorded in 2020

### Environmental management

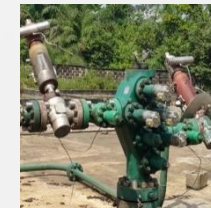
#### PREVENTION



New pipeline



Wellhead cages



Anti-tamper locks



Surveillance



Community liaison

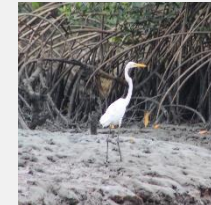
#### CLEAN UP



Spill response workers

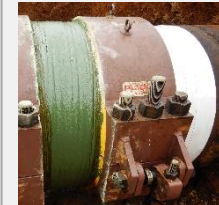


Remediated sites



Wildlife returns

#### CAUSATION



Illegal connections

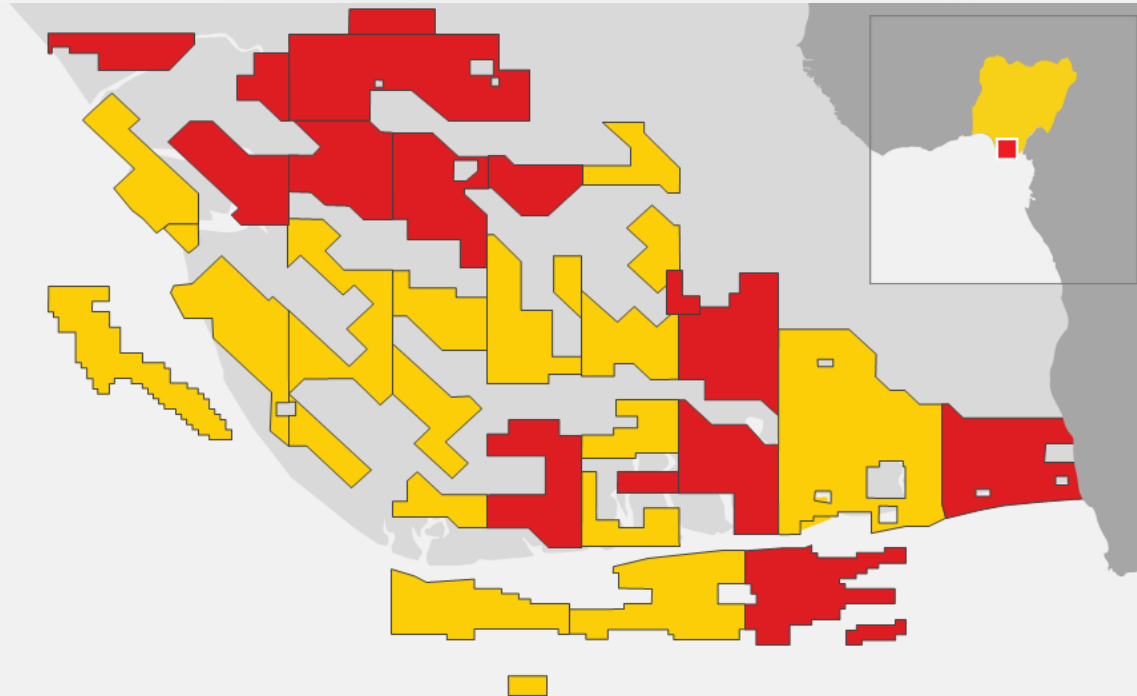


Illegal refineries



## NIGERIA

# ACTIVELY REVIEWING OUR OPERATIONAL RESPONSE AND PORTFOLIO OPTIONS FOR ONSHORE OIL IN NIGERIA



■ Current SPDC JV positions ■ Previous SPDC JV positions

- A focused operational response by SPDC JV has resulted in notable improvements on spills in 2020
- Despite interventions, sabotage and theft continues
- Onshore footprint reduced by 50% since 2010
- Intent to focus our investment in Nigeria on our deep-water and gas value chains
- Recently commenced discussions with the Nigerian government to review options for onshore oil portfolio

