### 16 February 2022

## Santos reports record free cash flow and underlying earnings, and higher final dividend

Full-year (US\$million)	2021	2020	Change
Production (mmboe)	92.1	89.0	3%
Sales volume (mmboe)	104.2	107.1	-3%
Product sales revenue	4,713	3,387	39%
EBITDAX <sup>1</sup>	2,805	1,898	48%
Underlying profit <sup>1</sup>	946	287	230%
Net profit/(loss) after tax	658	(357)	284%
Free cash flow <sup>1</sup>	1,504	740	103%
Final dividend (UScps)	8.5	5.0	70%

Santos today announced its full-year results for 2021, reporting record free cash flow of US\$1.5 billion and underlying profit of US\$946 million. The results reflect significantly higher oil and LNG prices compared to the corresponding period due to the recovery in global energy demand combined with supply constraints across the industry due to lower capital investment through the pandemic, and three weeks contribution from the Oil Search assets.

The results also reflect Santos' disciplined, low-cost operating model which delivered a free cash flow breakeven of US\$21 per barrel in 2021.<sup>2</sup>

The reported net profit after tax of US\$658 million includes losses on commodity hedging and costs associated with acquisitions and one-off tax adjustments, and is significantly higher than the corresponding period mainly due to impairments included in the previous year.

The Board has resolved to pay a final dividend of US8.5 cents per share, 70 per cent higher than the previous final dividend. The dividend equates to 20 per cent of full-year proforma free cash flow for the merged entity less dividends paid in the first half by both companies, in-line with Santos' sustainable dividend policy which targets a range of 10 per cent to 30 per cent payout of free cash flow.

The final dividend is franked to 70 per cent and substantially distributes the company's remaining franking credits to shareholders. Based on the company's carry-forward tax losses, Santos does not expect to generate franking credits for the next several years.

Andrew Nairn +61 8 8116 5314 / +61 (0) 437 166 497 andrew.nairn@santos.com



"The highlight of the year was the completion of our merger with Oil Search. The merger delivers increased scale and capacity to drive our disciplined, low-cost operating model and unrivalled growth opportunities over the next decade – all with a vision of becoming a global leader in the energy transition," Mr Gallagher said.

"The financial results we are announcing today include only three weeks of the merged company. Had the merger been in place for all of 2021, the combined asset portfolio would have generated more than US\$2.3 billion in free cash flow for the year.

"We will now seek to further optimise the portfolio, reduce gearing and conduct a review of our capital management framework including returns to shareholders.

"2021 brought global energy security into the spotlight with higher prices and a supply crunch in the wake of rapidly recovering demand and a lack of investment in new supply.

"It is vitally important that investment in new supply occurs and in a sustainable way. At Santos, we are focussed on supplying critical fuels more sustainably to meet society's demand."

#### 2022 Guidance

2022 production is expected to increase to a range of 100 to 110 million barrels of oil equivalent (mmboe) primarily due to higher production from PNG following the Oil Search merger. This is expected to be offset by a lower share of Bayu-Undan production, which is expected to be approximately 10 mmboe less than 2021, due to a lower average working interest following the 25 per cent sell-down to SK E&S in 2021, lower gross production as the field approaches end of field life and lower net entitlement under the Production Sharing Contract due to higher forecast LNG prices. Sales volumes in 2022 are expected to be in the range of 110 to 120 mmboe.

Sustaining capital expenditure is expected to be approximately US\$900 million and restoration expenditure is expected to be approximately US\$200 million. Sustaining and restoration expenditure is self-funded within the disciplined operating model and is included in the 2022 forecast free cash flow breakeven oil price of less than US\$25 per barrel.

Major growth projects capital expenditure is expected to be in the range of US\$1.15 billion to US\$1.3 billion. A contingent amount of up to approximately US\$400 million could be added should the Dorado and Pikka projects take final investment decisions. Guidance assumes current Santos interest in all projects.

At an average oil price of approximately US\$65 per barrel in 2022, it is expected sufficient free cash flow would be generated to fund forecast major growth projects capital expenditure, including the contingent amount.<sup>3</sup>



#### 2022 Annual General Meeting

The 2022 Annual General Meeting will be held on Tuesday 3 May 2022. The closing date for receipt of nominations from persons wishing to be considered for election as director is Thursday 24 February 2022.

#### Live webcast

A video presentation on the 2021 full-year results is available on Santos' website. A live question and answer webcast for analysts and investors will be held today at 11:30 AEDT.

To access the live webcast, register on Santos' website at www.santos.com.

This ASX announcement was approved and authorised for release by Kevin Gallagher, Managing Director and Chief Executive Officer.

<sup>&</sup>lt;sup>1</sup> EBITDAX (earnings before interest, tax, depreciation, depletion, exploration, evaluation and impairment), underlying profit and free cash flow (operating cash flows less investing cash flows net of acquisitions and disposals and major growth capital expenditure, less lease liability payments) are non-IFRS measures that are presented to provide an understanding of the performance of Santos' operations. Underlying profit excludes the impacts of costs associated with asset acquisitions, disposals and impairments, hedging as well as items that are subject to significant variability from one period to the next. The non-IFRS financial information is unaudited however the numbers have been extracted from the audited financial statements. A reconciliation between net profit after tax and underlying profit is provided in the Appendix of the 2021 full-year results presentation released to ASX on 16 February 2022.

<sup>&</sup>lt;sup>2</sup> Free cash flow breakeven is the average annual oil price at which cash flows from operating activities (before hedging) equals cash flows from investing activities. Excludes one-off restructuring and redundancy costs, cost associated with asset divestitures and acquisitions, major growth capital expenditure and lease liability payments.

<sup>&</sup>lt;sup>3</sup> Forecast free cash flow of approximately US\$1.8 billion at an average oil price of US\$65 per barrel based on sensitivity of approximately \$450 million in free cash flow for each \$10/bbl above forecast free cash flow breakeven of <\$25/bbl in 2022. Excludes hedging. Free cash flow breakeven is the average annual oil price at which cash flows from operating activities (before hedging) equals cash flows from investing activities. Forecast methodology uses corporate assumptions. Excludes one-off restructuring and redundancy costs, costs associated with asset divestitures and acquisitions, major growth capital expenditure and lease liability payments.</p>

## 2021 Full-year results

## 16 February 2022





## Disclaimer and important notice



This presentation contains forward looking statements that are subject to risk factors associated with the oil and gas industry. It is believed that the expectations reflected in these statements are reasonable, but they may be affected by a range of variables which could cause actual results or trends to differ materially, including but not limited to: price fluctuations, actual demand, currency fluctuations, geotechnical factors, drilling and production results, gas commercialisation, development progress, operating results, engineering estimates, reserve estimates, loss of market, industry competition, environmental risks, carbon emissions reduction and associated technology risks, physical risks, legislative, fiscal and regulatory developments, economic and financial markets conditions in various countries, approvals, conduct of joint venture participants and contractual counterparties and cost estimates. The forward-looking information in this presentation is based on management's current expectations and reflects judgements, assumptions, estimates and other information available as at the date of this document and/or the date of Santos' planning processes. Except as required by applicable regulations or by law, Santos does not undertake any obligation to publicly update or review any forward looking statements, whether as a result of new information or future events. Forward looking statements speak only as of the date of this presentation measures are inflexible or frozen in time. No representation or warranty, express or implied, is given as to the accuracy, completeness or correctness, likelihood of achievement or reasonableness of any forward looking information contained in this presentation. Forward looking statements of ontor represent guarantees or predictions of future performance, and involve known and unknown risks, uncertainties and other factors, many of which are beyond Santos' control, and which may cause actual results to differ materially from those expressed in the statements contained i

All references to dollars, cents or \$ in this document are to United States currency, unless otherwise stated.

Underlying profit, EBITDAX (earnings before interest, tax, depreciation, depletion, exploration, evaluation and impairment) and free cash flow (operating cash flows, less investing cash flows net of acquisitions and disposals and major growth capex, less lease liability payments) are non-IFRS measures that are presented to provide an understanding of the performance of Santos' operations. The non-IFRS financial information is unaudited however the numbers have been extracted from the audited financial statements. Free cash flow breakeven is the average annual oil price at which cash flows from operating activities (before hedging) equals cash flows from investing activities. Forecast methodology uses corporate assumptions. Excludes one-off restructuring and redundancy costs, costs associated with asset divestitures and acquisitions, major growth capex and lease liability payments.

The estimates of petroleum reserves and contingent resources contained in this presentation are as at 31 December 2021. Santos prepares its petroleum reserves and contingent resources estimates in accordance with the 2018 Petroleum Resources Management System (PRMS) and CO2 Storage capacity and contingent resource estimates in accordance with the 2017 CO2 Storage Resources Management System (SRMS) sponsored by the Society of Petroleum Engineers (SPE). Unless otherwise stated, all references to petroleum reserves, contingent resources and CO2 Storage quantities in this presentation are Santos' net share. Reference points for Santos' petroleum reserves and production are defined points within Santos' operations where normal exploration and production business ceases, and quantities of produced product are measured under defined conditions prior to custody transfer. Fuel, flare and vent consumed to the reference points are excluded. Petroleum reserves are aggregated by arithmetic summation by category and as a result, proved reserves may be a very conservative estimate due to the portfolio effects of arithmetic summation. Petroleum reserves are typically prepared by deterministic methods with support from probabilistic methods. Petroleum reserves replacement ratio is the ratio of the change in petroleum reserves (excluding production) divided by production. Organic reserves replacement ratio excludes net acquisitions and divestments. Conversion factors: 1PJ of sales gas and ethane equals 171,937 boe; 1 tonne of LPG equals 8.458 boe; 1 barrel of condensate equals 0.935 boe

## Merger has created a company of size and scale



Well-placed to fund sustainable growth, energy transition and deliver increased returns to shareholders

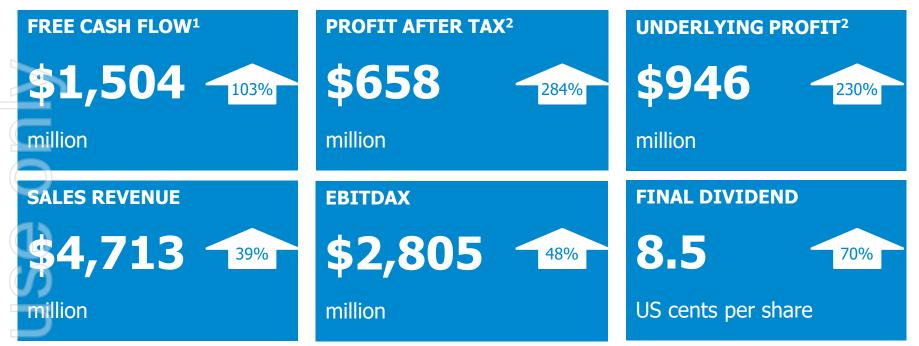
Strong free cash generation	\$2.3 billion proforma free cash flow for the merged group <sup>1</sup>
Diversified portfolio with increased interest in long-life, low-cost assets	Merger added 416 mmboe in 2P reserves
Unrivalled growth opportunities	Across LNG, low carbon liquids and CCS
Strengthened balance sheet	Strong liquidity of \$5.6 billion and gearing reduced to 27.5%

<sup>1</sup> Includes reported for merged group and proforma Oil Search from 1 January 2021 to 10 December 2021.

## 2021 Full-year results

Santos

## Record sales revenue, free cash flow and underlying profit

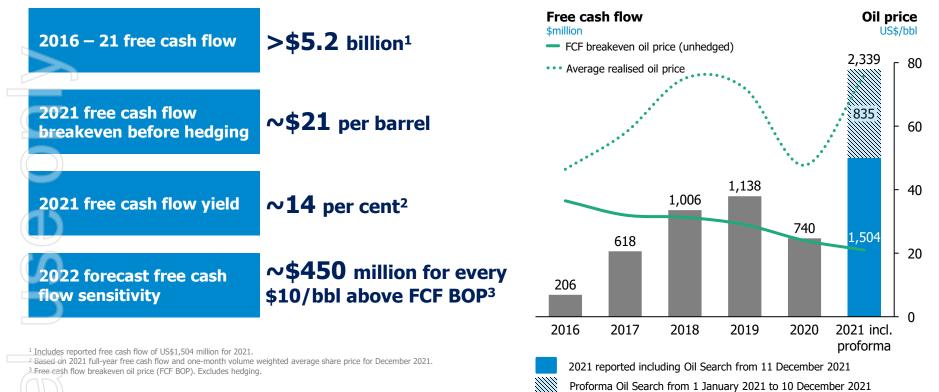


<sup>1</sup> Operating cash flows less investing cash flows (net of acquisitions and disposals and major growth capex) less lease liability payments.

<sup>2</sup> <u>A reconciliation</u> between net profit after tax and underlying profit is provided in the Appendix. Underlying profit excludes the impacts of costs associated with asset acquisitions, disposals and impairments, hedging and items that are subject to significant variability from one period to the next.

## Cash generative base business through the cycle

Diversified, balanced portfolio that is well positioned to generate strong and sustainable free cash flows



2021 Full-year results

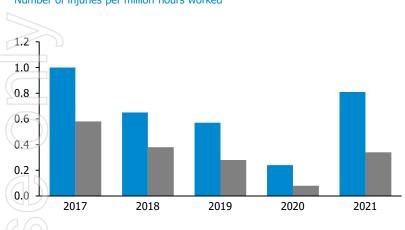
Santos

## Health, safety and environment

Santos

## Our "Always Safe" value is at the centre of everything we do

#### Injury frequency rates

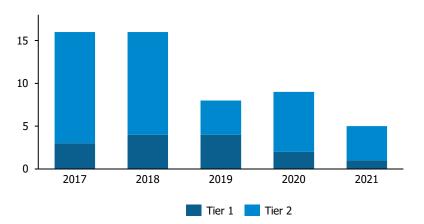


## Number of injuries per million hours worked

- Lost time injury frequency rate  $\blacksquare \ge$  Moderate harm frequency rate
- Disappointing safety performance in 2021 with injury frequency rates increasing due to 12 lost time injuries
- COVID response has focused on protecting our workforce and maintaining production despite state and international border restrictions

#### Loss of containment

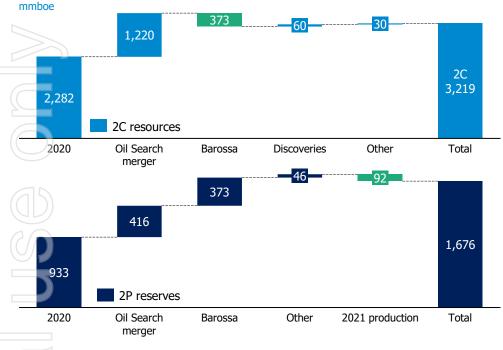
Number of Tier 1 and Tier 2 incidents



+ Continued integrity management focus has delivered a substantial reduction in loss of containment incidents

## Diversified reserve and resource position of 4.9 billion boe Santos

Diversified portfolio with increased interest in long-life, low-cost assets



#### YE21 2C resources and 2P reserves

Full-year results

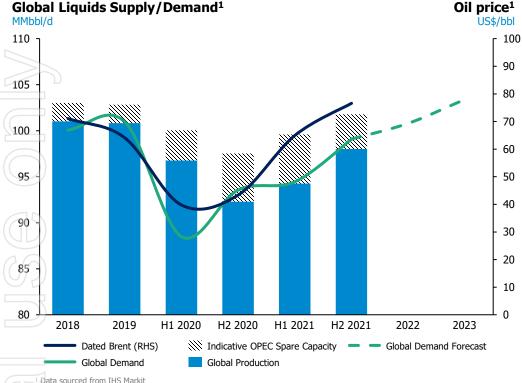
#### 4.9 billion boe 2P plus 2C:

- + 2P reserves increased by 835 mmboe before production
  - + Oil Search merger added 416 mmboe
  - + Barossa FID added 373 mmboe
- Gas comprises 92% of 2P reserves
- + Three-year reserves replacement ratio 355%
- 2C contingent resources increased 41% to 3,219 mmboe
  - Oil Search merger added 819 mmboe in PNG and 401 mmboe in Alaska
- + ~94% of 2P reserves are externally audited
- + 100 MtCO2 total storage resource booked in the Cooper Basin

## **Energy markets**

2021 Full-year results

Investment in affordable, reliable and lower emissions energy required to ensure demand is met



Investment in new, lower emission oil and gas supply is required to ensure energy supply remains affordable and reliable during the energy transition

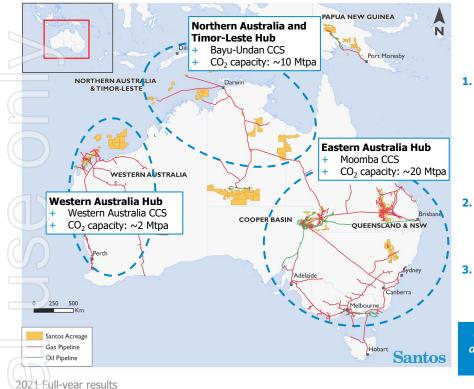
- Oil demand is expected to reach pre-COVID levels in 2022
- Significant underinvestment in upstream projects + is shifting global markets to a state of undersupply
- LNG demand is at record highs due to the role of natural gas as a reliable and lower carbon fuel
- Underinvestment is driving significant price +increases and limiting access to energy for those who can least afford it

## Decarbonisation and carbon storage



Santos' three operated CCS hubs support the decarbonising of natural gas and enable the production of clean fuels including hydrogen and ammonia

#### Santos Three-Hub Strategy



#### Santos' CCS projects offer a strategic competitive advantage enabling

- + Emission reductions for Santos' liquids, pipeline gas and LNG products
- + Hydrogen production from natural gas
- + CCS services to existing and new customers
- + Carbon removal services via direct air capture technology
- . Eastern Australia Hub
  - + 100 MtCO2 total storage resource booked in the Cooper Basin
  - + Moomba CCS Phase 1
    - + Carbon capture of 1.7 Mtpa (1.1 MtCO2pa Santos share)
    - + Facilities construction to start in 3Q 2022 and four injector wells to be drilled into depleted gas reservoirs by year-end. First injection expected in 2024
    - + Estimated Moomba CCS capacity ~20 MtCO2pa

#### Northern Australia and Timor-Leste Hub

- + CCS services at DLNG enable development of regional resources and clean fuels production
- + Estimated Bayu-Undan CCS capacity ~10 MtCO2pa

#### Western Australia Hub

- + Desktop studies underway to confirm CO2 injection capacity
- + Estimated Western Australia CCS capacity >2 MtCO2pa, with expansion opportunities

CCUS technologies will play an important role in meeting net zero targets, including as one of few solutions to tackle emissions from heavy industry and to remove carbon from the atmosphere. (IEA, 2021)

## Our focus is to supply critical fuels more sustainably



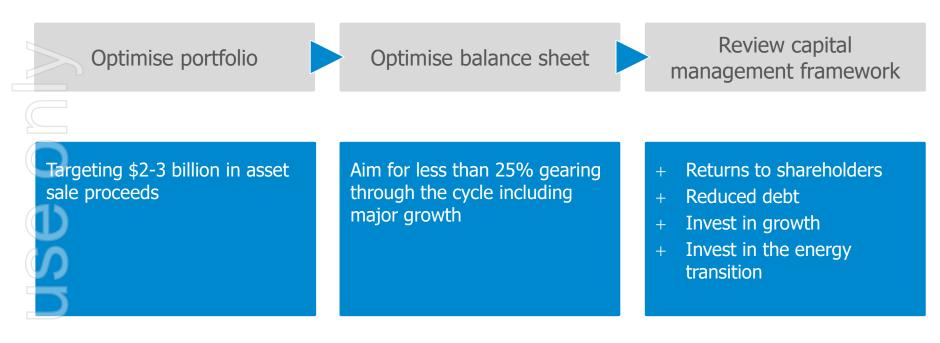
## Net-zero Scope 1 and 2 emissions target by 2040

void and minimise	<ul> <li>Improving efficiency across operated assets         <ul> <li>Comprises a portfolio of &gt;25 projects planned for 2022</li> <li>Includes electrification, renewable integration, power and compression optimisation</li> </ul> </li> <li>Infrastructure-led CCS strategy         <ul> <li>Moomba CCS Phase 1 project FID taken in 4Q 2021 with first injection</li> </ul> </li> </ul>
educe	<ul> <li>expected in 2024</li> <li>Facilities construction to start in 3Q 2022 and four injector wells to be drilled into depleted gas reservoirs by year-end</li> <li>Investigating potential for CCS at Bayu-Undan, offshore WA and PNG</li> </ul>
educe	<ul> <li>Nature-based solutions</li> <li>+ Existing forest plantation in Queensland and savanna fire management project in the Northern Territory</li> <li>+ Investigating potential for nature-based abatement opportunities across Australia and PNG</li> <li>New technology</li> <li>+ Direct air capture studies to be completed in 2022 investigating potential to utilise storage resource booked in the Cooper Basin</li> </ul>
e	educe

## Portfolio optimisation



Optimise portfolio to reduce gearing and conduct a review of the capital management framework including returns to shareholders





## Oil Search integration synergies

On track to deliver \$90-115 million per annum of integration synergies

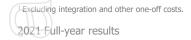
#### **Oil Search integration synergies**

- \$90-115 million annual run-rate (pre-tax)<sup>1</sup> through:
  - **Corporate:** Board, ASX-listing costs, insurance, finance costs and overheads
  - **Operational Efficiencies:** Eliminating duplication of activities, procurement, contracting and centralised operations
  - **Information Systems:** Eliminating duplication of technology and systems

#### \$30 million initial synergies (run-rate) captured<sup>1</sup>

- + Set up integration team using capability from previous acquisitions
- + Day 1 completed with no impact on safety or production
- + Initial synergies captured in corporate overheads
- + Review of organisational structure expected to be complete by mid-year
- + SAP Integration partner selected
- + Currently reviewing operational and procurement opportunities







1	Maximise free cash. Sensitivity $\sim$ \$450m for every \$10 above target FCF BE of <\$25/bbl
2	Deliver integration and merger synergies target of \$90-115 million
3	Optimise portfolio, target \$2-3 billion in asset sale proceeds
11	Review capital management framework
S	Continue to execute Barossa LNG and Moomba CCS projects on budget and schedule
6	Dorado Phase 1 and Pikka Phase 1 projects to be FID-ready by mid year

# Finance and Capital Management

Anthea McKinnell Chief Financial Officer



## Financial discipline



## Strong base business and disciplined approach to capital allocation

Strong, cash-generative base business	<ul> <li>+ Generated \$1.5 billion free cash flow in 2021</li> <li>+ Proforma<sup>1</sup> cash flow of merged group for 2021 was \$2.3 billion facilitating final dividend of 8.5 cents per share, 70% franked</li> <li>+ Delivered 2021 free cash flow breakeven oil price of ~\$21/bbl before hedging</li> </ul>
Disciplined capital management	<ul> <li>Retained focus on disciplined capital management and operating model</li> <li>Group unit production costs down 3% despite COVID-19 impacts and unfavourable FX</li> <li>Merged group scale and portfolio provides opportunity to optimise</li> </ul>
Balance sheet prepared to fund growth	<ul> <li>Strong liquidity of \$5.6 billion as at 31 December 2021</li> <li>Strong cash flows reduced gearing to 27.5 per cent at 31 December 2021</li> <li>Stable investment grade credit ratings: S&amp;P BBB-, Fitch BBB and Moody's Baa3</li> <li>Optimisation of debt portfolio by cancellation of legacy non-PNG LNG Oil Search facilities</li> </ul>

<sup>1</sup>Includes reported for merged group and proforma Oil Search from 1 January to 10 December 2021.

#### 2021 Full-year results

## 2021 Full-year financial snapshot



Strong base business delivered \$1.5 billion of free cash flow and record underlying profit. Reported results include Oil Search from 11 December 2021

\$ million	2021	2020	Change
Product sales revenue	4,713	3,387	39%
EBITDAX	2,805	1,898	48%
Underlying profit <sup>1</sup>	946	287	230%
Net profit/(loss) after tax	658	(357)	284%
Operating cash flow	2,272	1,476	54%
Free cash flow <sup>2</sup>	1,504	740	103%
Full-year dividend (UScps)	14.0	7.1	97%

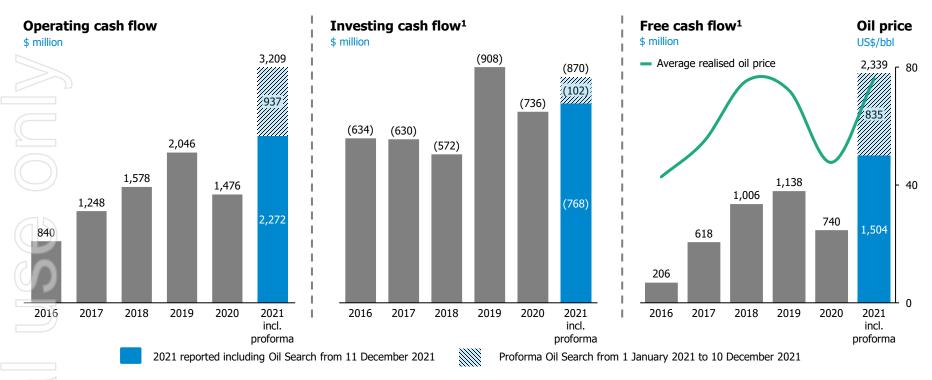
<sup>1</sup> For a reconciliation of 2021 full-year net profit after tax to underlying profit, refer to Appendix.

<sup>2</sup> Operating cash flow less investing cash flows (net of acquisitions and disposals and major growth capex) less lease liability payments.

## Strong free cash flow generation



On a proforma basis, the merged company delivered more than \$2.3 billion free cash flow



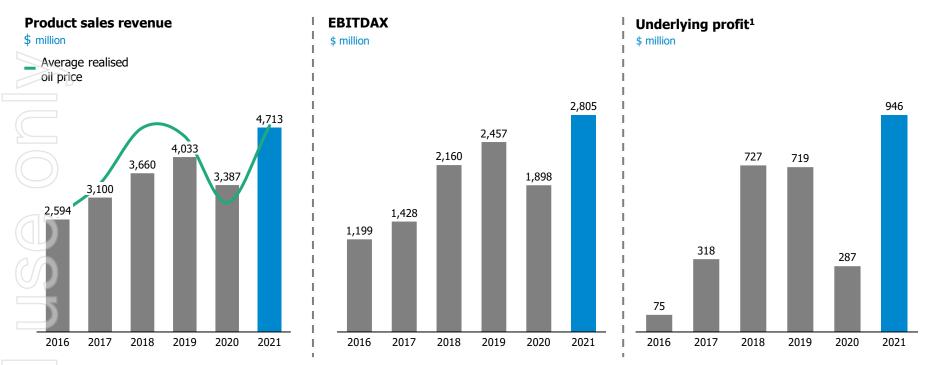
Excludes acquisitions / divestments, major growth capex and lease liability payments.

2021 Full-year results

## Underlying earnings



## Record sales revenue, EBITDAX and underlying profit



<sup>1</sup> Underlying profit excludes the impacts of asset acquisitions, disposals and impairments, and the impact of hedging.

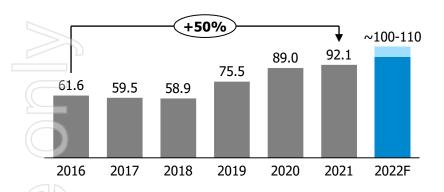
2021 Full-year results

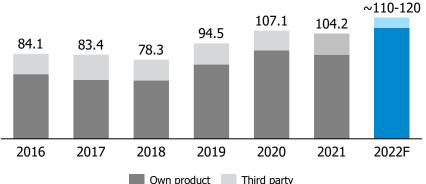
## Production and sales volumes



Record production in 2021. 2022 guidance 100-110 mmboe and sales volumes 110-120 mmboe

#### **Production volume** mmboe





#### Sales volume mmboe

Own product Third party

#### Factors influencing 2022 production:

Full-year results

Higher production in PNG due to the merger

Bayu-Undan approaching end of field life. 2022 net entitlement production expected to be  $\sim 10$  mmboe less than 2021 due to:

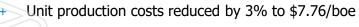
- Lower average working interest following 25% sell-down to SK E&S in April 2021
- Lower gross production due to natural field decline +
- Higher forecast average JKM prices result in higher revenue but lower net entitlement production under the Bayu-Undan PSC

## Production costs



## Lower unit costs in 2021 despite COVID-19 impacts and unfavourable FX impacts

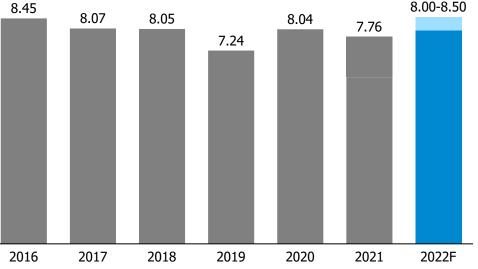
\$/boe



- Sustained cost improvement and operating efficiencies were offset by COVID-19 cost impacts and unfavourable FX rates
  - COVID-19 impact ~\$0.20/boe
  - FX rate impact ~\$0.45/boe
- Factors influencing 2022 unit production costs:
  - Bayu-Undan production decline impacts average unit cost in 2022 by ~\$1.20/boe
  - Higher unit cost PNG operated assets
  - 2022 upstream production cost guidance is \$8.00-\$8.50/boe

#### Upstream unit production costs<sup>1</sup>





Includes all planned shutdown activity and PNG earthquake recovery costs.

## Upstream unit production costs

Synergy cost reductions realised in Northern Australia. Partially offset by COVID-19 related costs and foreign exchange increases

 + Core portfolio free cash flow breakeven at ≤\$35/bbl oil price through the oil price cycle

Each core asset free

cash flow positive at

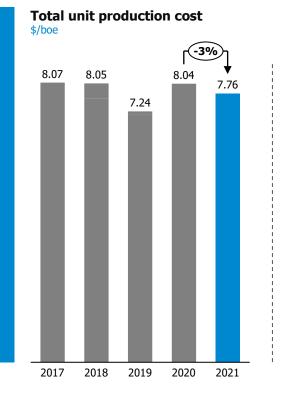
 $\leq$  \$35/bbl, premajor growth spend

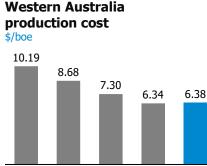
2021 Full-year results

Disciplined

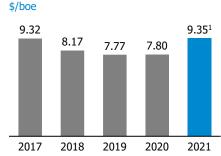
Operating

Model

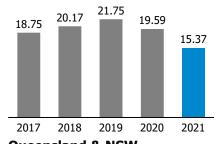




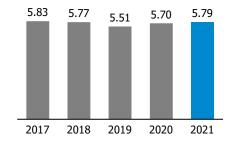
2017 2018 2019 2020 2021 Cooper Basin production cost



Northern Australia & Timor-Leste production cost \$/boe



Queensland & NSW production cost \$/boe



<sup>1</sup> Cooper Basin unit production cost increase due to lower production, unfavourable AUD fx rates and cost impacts of managing the response to COVID-19.

## Cash generative Operating Model continues to drive value Santos

Diversified portfolio of assets delivering strong margins. Increased exposure to PNG LNG following merger

#### 2021 Full year results summary<sup>1</sup>

	Cooper Basin	Qld & NSW	PNG <sup>2</sup>	Nth Aust & T-L <sup>3</sup>	WA	Santos
Total revenue	1,000	973	736	903	1,105	4,837
<b>Production cost</b> \$/boe	9.35	5.79	4.69	15.37	6.38	7.76
Capex \$million	329	195	34	377	316	1,387
<b>EBITDAX</b> \$million	423	525	615	728	851	2,805
EBITDAX margin	42%	54%	84%	81%	77%	58%

- Group EBITDAX margin increased to 58% due to higher realised prices across all products
- EBITDA includes ~\$370 million for the Midstream assets (included in the asset results)
  - Average realised oil price up 60% to \$76/bbl
- Average realised LNG price up 45% to \$9.25/mmBtu

+

+ Sustained cost improvement and operating efficiencies were offset by COVID-19 cost impacts and unfavourable FX rates

<sup>1</sup> Corporate segment not shown.

<sup>2</sup> Includes Oil Search assets from 11 December 2021.

<sup>3</sup> Decreased equity in Bayu-Undan & DLNG at 43.4% from 30 April 2021.

2021 Full-year results

## Capital expenditure - Sustaining

-vear results

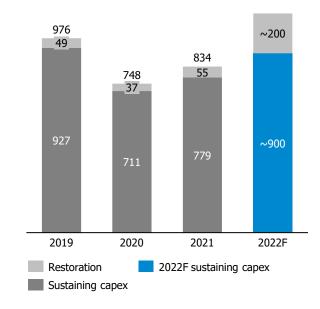
Sustaining and restoration capex self-funded within the disciplined operating model and included in forecast free cash flow breakeven of <\$25/bbl

- + Increased sustaining capex in 2022 primarily due to higher interest in PNG LNG and PNG operated assets
- Sustaining capex includes Cooper Basin and Queensland drilling, Western Australia, Northern Australia and PNG, corporate and exploration
- Restoration capex primarily in WA (ME-FF, Harriet, Thevenard) and PNG
- Sustaining and restoration capex self-funded within the disciplined operating model and included in forecast <\$25/bbl free cash flow breakeven in 2022

2022	Western Australia	Northern Australia and TL	Cooper Basin	PNG	QLD & NSW	Alaska	Corporate & Exploration
Base business sustaining and restoration	~\$200m includes Apus & Pavo drilling	~\$30m	~\$310m	~\$220m	~\$230m	~\$40m	~\$70m

#### Sustaining capex

\$million





## Capital expenditure – Major Growth Projects



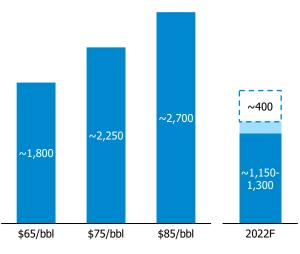
## 2022 Major projects capex funded from free cash flow at an average oil price of \$65/bbl

- + Major projects ~\$1,150-\$1,300 million assumes current equity interests in all projects
- + Unsanctioned projects contingent amount of up to ~\$400 million for Dorado Phase 1 and Pikka Phase 1 (subject to FID)
- Major projects funded from free cash flow. 2022 free cash flow sensitivity ~\$450 million for every \$10/bbl above forecast free cash flow breakeven of <\$25/bbl
- At an average Brent oil price of US\$65/bbl in 2022, sufficient free cash flow expected to be generated (~\$1.8 billion) to fund all committed and contingent major projects<sup>1</sup>

2022	Western Australia	Northern Australia and TL	Cooper Basin	PNG	QLD & NSW	Alaska	Corporate & Exploration
Major projects incl. contingent	~\$300m includes Dorado	~\$650- \$700m includes Barossa	~\$50- \$100m includes Moomba CCS	~\$150- \$200m includes Angore and Papua LNG	~\$50m includes Narrabri appraisal	~\$300m includes Pikka	~\$50m includes Energy Solutions and Clean Fuels

#### Forecast 2022 free cash flow<sup>1</sup> and major projects capex

#### \$million



Porecast free cash flow based on sensitivity of ~\$450 million for each \$10/bbl above forecast free cash flow breakeven of <\$25/bbl in 2022. Excludes hedging.

-vear results

Forecast free cash flow<sup>1</sup>

Major growth capex, including contingent

## Debt and liquidity at 31 December 2021



Gearing reduced to 27.5%. Net debt increased due to Oil Search merger

2015

2016

2017

AASB16 lease liability

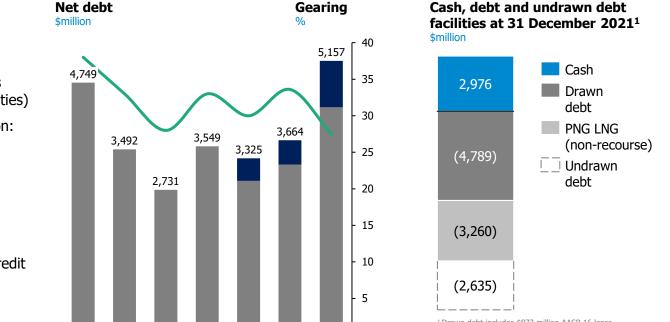
2018

2019

Gearing

2020

2021



Drawn debt includes \$873 million AASB 16 lease iabilities and excludes derivatives of \$84 million.

25

Gearing 27.5%

ull-year results

- Net debt \$5,157 million (includes \$873 million AASB 16 lease liabilities)
- Liquidity in place of \$5,611 million:
  - \$2,976 million in cash
  - \$2,635 million in committed undrawn debt facilities
- Synergies will be realised by optimisation of the debt portfolio
- Three stable investment grade credit ratings support access to capital markets

## Summary

Disciplined low-cost operating model ensures we can sustain our base business and remain resilient through the cycle

Disciplined approach	<ul> <li>+ Targeting free cash flow breakeven oil price &lt;\$25/bbl in 2022</li> <li>+ Forecast free cash flow for 2022 post hedging is &gt;\$2 billion at \$70/bbl oil price</li> <li>+ 2022 free cash flow sensitivity of &gt;\$450 million for every \$10 above the breakeven oil price, before hedging</li> </ul>
Portfolio optimisation and capital management	<ul> <li>Haintain cost focus through disciplined operating model</li> <li>Disciplined, low-cost operating model sets the framework to deliver value</li> <li>Deliver integration and merger synergies target of \$90-105 million</li> <li>Capital management framework to be reviewed with portfolio optimisation</li> </ul>
Strong free cash flow and liquidity	<ul> <li>+ Well positioned to fund growth and the energy transition</li> <li>+ Liquidity of over \$5.6 billion comprising ~\$3 billion cash and ~\$2.6 billion in committed undrawn debt facilities</li> <li>+ Gearing reduced to 27.5% at 31 December 2021. Net debt including leases of \$5.2 billion</li> </ul>

# **Growth Projects and Asset Performance** Santos

## Barossa progressing on budget and schedule



## Barossa project progressing as planned

#### **Barossa development**

- + Project 25 per cent complete and progressing on budget and schedule
- FPSO hull, topsides, and turret all under construction in Korea, Singapore, and Indonesia respectively
- Subsea hardware manufacture well advanced in Europe with first subsea tree shipped & fully tested in Perth
- Preparations to start drilling in 3Q 2022 well advanced

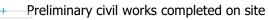
#### Equity sell-downs

Full-year results

- + Binding agreement executed to sell a 12.5 per cent stake in Barossa to JERA in December 2021
- Completion is expected in the first half 2022, with net proceeds of around ~US\$300 million

#### Darwin LNG life extension project

Darwin LNG life extension project remains on schedule and budget





#### **Proposed Bayu-Undan CCS**

+ Progressing technical, commercial and regulatory engagement for proposed carbon capture and storage (CCS) project at Bayu-Undan

## Moomba CCS provides step change in emission reduction Santos

FID taken in November on one of the largest and lowest-cost CCS projects, with first injection expected in 2024



ull-year results

#### Low-cost CCS project due to

- + Existing separation equipment delivering high purity CO2
- + Existing wells which can be repurposed
- Depleted reservoirs with proven rock seal and potential to scale-up to ~20 mtpa across the basin

#### 2021 milestones achieved

- + ACCU registration obtained and FID taken in November 2021
- + Key equipment orders placed for compressor, facilities equipment and pipeline
- + Booked 100 MtCO2 storage resource capacity

## 2022 key milestones

- + Facilities construction to start in 3Q 2022
- + Four injector wells expected to commence drilling in 4Q 2022

29

## **PNG Growth**



## Sequential development planned for Papua LNG and P'nyang

#### Papua LNG

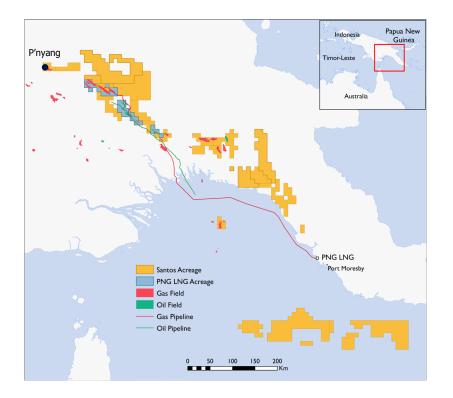
- Significant activity during 2021 in preparation for FEED-entry in 2022
- Fiscal Stability Agreement executed in 2021
- Retention Licence extended a further 5 years
- Technical work underway focusing on facilities optimisation

#### P'nyang

ull-year results



- Negotiations recommenced in July with a Heads of Agreement outlining key fiscal terms executed in September 2021
- Next steps are a fully termed Gas Agreement expected to be executed in 2022
- <sup>9</sup> P'nyang development anticipated as back-fill to the PNG LNG foundation two trains with construction following Papua



## Dorado



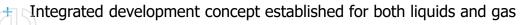
## FEED continues targeting FID-ready mid-2022

### **Phase 1 liquids development**

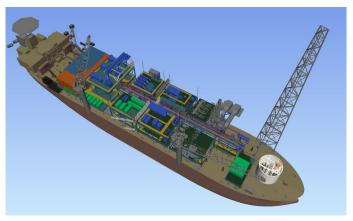
- + Estimated gross capital cost of ~\$2 billion<sup>1</sup>
- + Low  $CO_2$  (~1.5%) and high-quality fluid expected to earn a premium to regional pricing benchmarks
- Entered Stage 2 Assessment Phase of Offshore Project Proposal (OPP)
- Production Licence assessment in progress

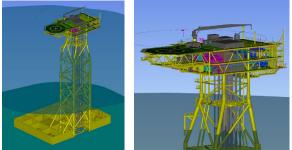
## Phase 2 gas development

-vear results



- Gas export is a potential source of supply for Santos' existing WA domestic gas infrastructure
- F Flexibility retained for tieback of future exploration success
- Drilling of exploration well Pavo has commenced, to be followed by Apus





<sup>1</sup> Subject to detailed FEED for build and own FPSO.

## Pikka Phase 1

Half-year results

## Targeting FID-ready by mid year. Low GHG intensity first phase of Pikka development

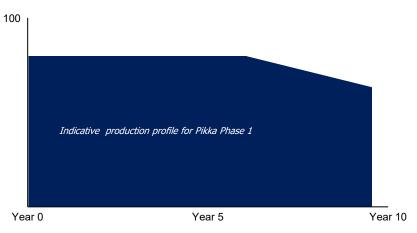
## Phase 1 nearing completion of FEED activities and targeting FID-ready by mid year

- First step in developing world-class oil discovery located in prolific North Slope of Alaska
- Project benefits from existing pipeline and other infrastructure
- All major regulatory and environmental approvals have been received for FID
- + Phase 1 consists of ~80kbopd single drill-site development Low breakeven cost of supply with significant expansion and backfill opportunity

## Phase 2 expansion options provide value upside

- + Phase 1 commercialises first of multiple potential drill-sites within Pikka Unit and adjacent proposed Quokka Unit (Mitquq discovery)
- Expansion benefits from efficient and phased project execution and modular facilities





## Creating value from midstream infrastructure portfolio



Unique portfolio of strategic midstream infrastructure assets generating stable and material EBITDA of ~\$370 million per annum, excluding GLNG

		MIDSTREAM INFRASTRUCTURE ASSETS								
		Moomba	Port Bonython	Darwin LNG	Varanus Island	Devil Creek				
	Annual capacity	Gas: 400 TJ/d Storage: 70 PJ	Liquids: 20 mmboe	LNG: 3.7 mtpa with approvals up to 10 mtpa	Gas: 390 TJ/d	Gas: 220 TJ/d				
	2021 throughput (gross)	298 TJ/d	13.3 mmboe	3.1 mtpa	273 TJ/d	152 TJ/d				
	Utilisation (%)	75	63	80	70	69				
	Existing tolling structure	Internal and external tolls	Internal and external tolls	Internal tolls	Internal tolls	Internal tolls				
	2021 EBITDA	~\$370 million <sup>1</sup>								

This amount is already included in Santos financials as existing earnings and costs at asset level.

## Papua New Guinea producing assets



Merger increased equity in Tier 1 PNG LNG project and added operatorship of PNG's oil fields

PNG LNG	<ul> <li>+ PNG LNG continues to perform consistently with 8.4 million tonnes of LNG and 110 cargoes loaded during 2021</li> <li>+ PNG EBITDAX margin improved to 84% in 2021</li> <li>+ 2021 unit production costs \$4.69/boe<sup>1</sup></li> <li>+ Increased cash flow ~2026 once project finance repaid</li> <li>+ Angore FID in 3Q21: next tranche of backfill gas to maintain PNG LNG production with first gas expected in 2024</li> </ul>	
PNG Operated Assets	<ul> <li>+ Santos now operates all oil fields in Papua New Guinea</li> <li>+ Strong performance from Agogo and Moran fields</li> <li>+ A coiled tubing campaign commenced in 4Q21 on the Moran and Agogo fields to deliver incremental production in 2022</li> </ul>	

<sup>1</sup> Includes Santos operated assets from 11 December 2021.



## Offshore conventional business



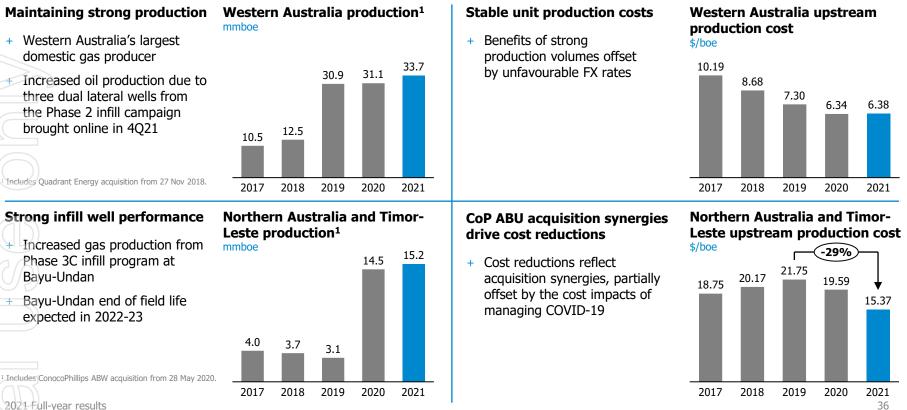
Bayu-Undan approaching end of field life in 2022-23 with Barossa as backfill for Darwin LNG from 1H 2025. Western Australia's largest domestic gas supplier

Strong cash margin, low- cost operating business	<ul> <li>+ Western Australia EBITDAX margin improved to 77%</li> <li>+ WA unit production cost at \$6.38 per boe</li> <li>+ Northern Australia &amp; Timor-Leste EBITDAX margin strengthened to over 80%</li> <li>+ NA &amp; TL unit cost lowered ~30% to \$15.4/boe since assuming operatorship</li> </ul>	Dili Barossa N Caldita Bayu-Undan Bayu-Undan Crowin, Lasseter O Katherine
Near term, near-field growth opportunities utilising existing infrastructure	<ul> <li>Successful infill wells programs at Bayu- Undan Phase 3C and Van Gogh Phase 2 delivered incremental production in 2021</li> <li>FID taken on Spartan gas backfill to VI</li> <li>FID taken on Pyrenees Ph IV Infill</li> <li>Varanus Island compression to recover low pressure reserves startup 4Q 21</li> </ul>	Broome Broome Broome Broome Broome Broome Broome Broome Broome Broome Broome Broome Broome Broome Cas Pipeline Gas Pipeline Cas Pipeline Ca

# Growing production and improving efficiency



Applying Santos' disciplined low cost operating model has delivered significant cost reductions

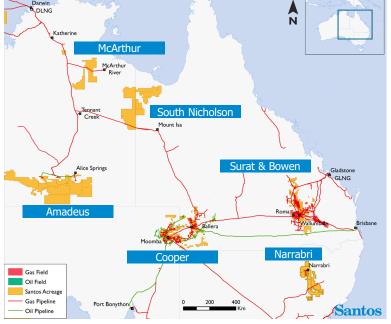


# Integrated onshore business with market optionality



Onshore assets connected to domestic markets and long-term Asian demand for LNG with strong growth options

Australia's lowest cost onshore operator	<ul> <li>Growth self-funded within the low cost disciplined Operating Model</li> <li>Driving capital efficiency to unlock additional resources</li> </ul>	Darwin B DLNG Katheri
=	<ul> <li>COVID-19 and joint venture budget constraints in 1H 2021 impacted activity levels</li> </ul>	
Cooper Basin high value swing producer	<ul> <li>Increased focus on oil development to complement stable gas production program</li> <li>Using underbalanced drilling and enhanced stimulation technology to improve deliverability</li> </ul>	
GLNG	<ul> <li>+ Upstream production supported GLNG sales of 6.4 million tonnes in 2021</li> <li>+ First gas from the Arcadia Phase 2 project expected the second half of 2022</li> </ul>	Amad
Narrabri Gas Project	+ Appraisal planned to commence in 2022	Gas Field Oil Field Santos Acreage Gas Pipeline Oil Pipeline
Northern Territory	<ul> <li>300-day flow test underway for the two Tanumbirini horizontal wells</li> </ul>	Ca ripenie



# **Cooper Basin**

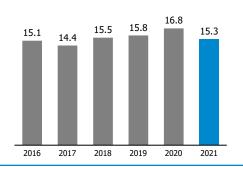
Santos

Operating model is delivering reserve replacement, cost discipline and self-funded growth

#### Lower production

- Production impacted by lower drilling activity, natural field decline and higher downtime
- Well type mix to maximise deliverability in a variety of plays
- + Continuous focus on cycle time reduction

### Cooper Basin production

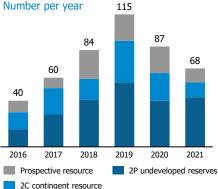


#### Drilled 68 wells in 2021

- Well count is subject to well type and joint venture participation levels
- + 11 horizontal wells in 2021 with 10 wells online
- + ~100 wells planned in 2022

Full-vear results

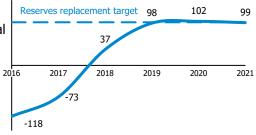
### Wells drilled



#### Targeting >100% 2P RRR

- + Sustained 2P reserves replacement ratio
- Reduced number of appraisal wells in 2021 resulting in lower 2C to 2P conversion
- Increased number of appraisal wells planned in 2022

### **Reserves replacement ratio (RRR)** % three year rolling average

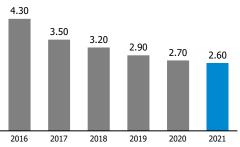


## Maintaining well cost discipline

- + Well costs reduced by ~40% since 2016
- Unit development cost of horizonal wells 25% better than vertical offset wells
- + Vertical well costs continue to decline

<sup>1</sup> Vertical, deviated and horizontal gas development wells to >3km (drill, stimulate, complete).

#### Deep gas well cost<sup>1</sup> \$million per well



# Strong GLNG upstream production and cost out

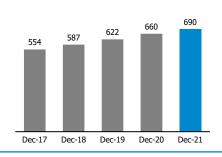


Record upstream GLNG production driven by strong ramp at Roma and Arcadia

#### Strong gas production

- + Strong upstream production at 690TJ/d
- Roma Field continuing to increase production, approaching 200TJ/d
- Arcadia ramp-up, field and facilities debottlenecking delivering >90TJ/d

#### **GLNG sales gas production** TJ/d (gross)



Davs - development drilling

Average days rig release to rig release

5.3

Roma-

2B

(2016)

3.6

Roma-

3A

(2017)

3.3

Roma

East

(2018

-20)

3.3

Roma

SD20

(2020

-21)

11.3

Roma

Phase

1 (pre

2015)

6.3

Roma-

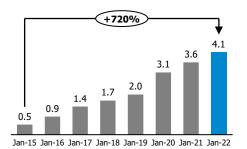
2A

(2015)

### Driving down operating cost by increasing production

- + Implementation of new well design
- Innovative operational tools to mitigate solids-related failures
- + Continuous improvement of technologies and processes

#### Mean time between failure Years (Roma)



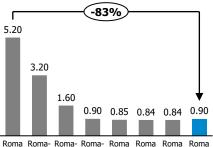
#### Maintaining well cost discipline

- + Relentless focus on optimising well cost
- + Expect to drill ~350 wells in 2022

<sup>1</sup> Drill, complete, connect.

#### Roma well cost - GLNG<sup>1</sup>

\$million per well



 Roma
 Roma Roma Roma
 Roma
 Roma

 Phase
 2A
 2B
 3A
 East
 East
 East
 I

 1 (pre (2015) (2016) (2017) (2018) (2019) (2020) (2021) 39
 2015)
 2015)
 Image: Comparison of the compar

#### Fit for purpose rigs, experienced crews

- + High volume, sequential and repeatable scope
- + Technical limit focus
- Performance improvement has offset impact of increase depth for Roma SD20 wells





## **Financial performance**



### EBITDAX up 48% to \$2,805 million. Underlying profit up 230% to \$946 million

\$million	2021	2020
Total revenue	4,837	3,512
Production costs	(715)	(716)
Other operating costs	(347)	(274)
Third party product purchases	(654)	(612)
Other <sup>1</sup>	(66)	(44)
Foreign exchange losses	(4)	(13)
Fair value (losses)/gains on commodity hedges	(246)	45
EBITDAX	2,805	1,898
Exploration and evaluation expense	(126)	(59)
Depreciation and depletion	(1,243)	(1,015)
Impairment losses	(8)	(895)
Change in future restoration	(6)	(1)
EBIT	1,422	(72)
Net finance costs	(217)	(234)
Profit/(loss) before tax	1,205	(306)
Tax expense	(547)	(51)
Profit/(loss) after tax	658	(357)
Underlying profit	946	287

- + Total revenue up 38% due to higher realised prices across all products
- + Average realised oil price up 60% to \$76/bbl and average realised LNG price up 45% to \$9.25/mmBtu
- + Lower unit production costs/boe. Absolute production costs steady
- Excluding the impacts of gain on disposal of Bayu-Undan and DLNG to SK and other one-off items, the effective tax rate is 39%

<sup>&</sup>lt;sup>1</sup> Other includes product stock movement, corporate expenses, other expenses, other income and share of profit of joint ventures. nm denotes not meaningful.

## Sales revenue



### Higher realised prices across all products

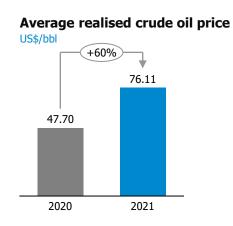
\$million	2021	2020	Variance
Sales Revenue (incl. third party)			
Gas, ethane and liquefied gas	3,464	2,505	38%
Crude oil	688	531	30%
Condensate and naphtha	428	256	67%
Liquefied petroleum gas	133	95	40%
Total <sup>1</sup>	4,713	3,387	39%

<sup>1</sup> Total product sales include third-party product sales of \$936 million (2020: \$753 million)

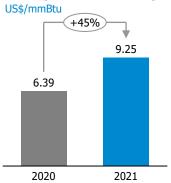
ull-year results

Sales revenue up 39% to \$4.7 billion

- Average realised oil price up 60% to \$76.1/bbl
- Average realised LNG price up 45% to \$9.25/mmBtu

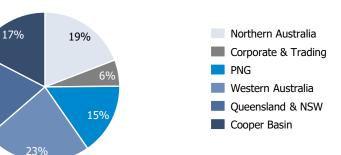


#### Average realised LNG price





19%



42

## Free cash flow



### Calculation of 2021 full-year free cash flow

\$million	2021	
Operating cash flows	2,272	
Deduct Investing cash flows	(137)	
Deduct Net acquisitions and disposals	(1,008)	
Add Major growth capex	524	
Deduct Lease liability payments	(147)	
Free cash flow	1,504	

Lease liability payments are treated as financing cash flows under AASB 16. To ensure like-for-like comparisons with prior periods, the definition of free cash flow reflects operating cash flows less investing cash flows (net of acquisition and disposal payments and major growth capex) less lease liability payments.

Free cash flow is a non-IFRS measure that is presented to provide an understanding of the performance of Santos' operations. The non-IFRS information is unaudited however the numbers have been extracted from the audited financial statements.



### Reconciliation of full-year net profit/(loss) to underlying profit

-year results

\$million	2021	2020
Net profit/(loss) after tax	658	(357)
Add/(deduct) significant items after tax		
Impairment losses	6	653
Net gains on asset sales	(44)	-
Fair value losses/(gains) on hedges	173	(30)
One-off acquisition and disposal costs	80	21
One-off tax adjustments	73	-
Underlying profit	946	287

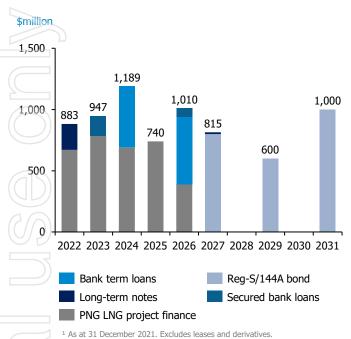
# Drawn debt maturity profile

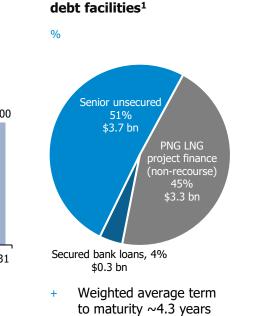
No significant near-term debt maturities until 2024, excluding PNG LNG project finance which is funded from project cash flows

Breakdown of drawn

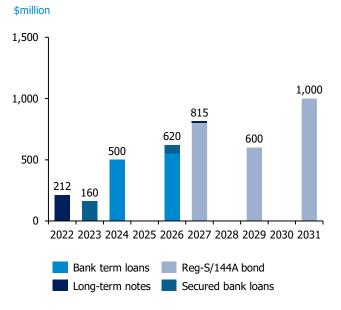


Full-year results





# Drawn debt maturity profile excluding PNG LNG project finance<sup>1</sup>



# Liquidity and net debt as at 31 December 2021



### Net debt \$5,157 million. Liquidity of \$5,611 million

Liquidity (\$million)		31 Dec 2021	31 Dec 2020
Cash		2,976	1,319
Undrawn bilateral bank debt facilities	Undrawn bilateral bank debt facilities		1,870
Total liquidity		5,611	3,189
Debt (\$million)			
Export credit agency supported loan facilities	Senior, unsecured	Nil	283
Bank Loans - unsecured	Senior, unsecured	1,043	1,441
Bank Loans - secured	Secured (legacy Oil Search)	255	Nil
US Private Placement	Senior, unsecured	238	252
Reg-S / 144A bonds	Senior, unsecured	2,380	1,382
PNG LNG project finance	Non-recourse, secured	3,260	1,184
Leases	Leases	873	457
Other	Derivatives	84	(16)
Total debt	·	8,133	4,983
Total net debt		5,157	3,664



Guidance

100-110 mmboe

110-120 mmboe

~1,100 million

~1,150-1,300 million

Up to ~400 million

8.00-8.50/boe

	2022 guidance item
	Production (mmboe)
	Sales volumes (mmboe)
	Capital expenditure – base including restoration (\$m)
	Capital expenditure – major projects (\$m)
	Capital expenditure – contingent major projects, subject to FID (\$m)
	Upstream production costs (\$/boe)
$\langle \mathcal{O} \rangle$	

## 2021 Full-year segment results summary



US\$million	Cooper Basin	Queensland & NSW	PNG	Northern Australia & Timor-Leste	Western Australia	Corporate explor'n & elimins	Total
Revenue	1,000	973	736	903	1,105	120	4,837
Production costs	(143)	(79)	(67)	(234)	(215)	23	(715)
Other operating costs	(101)	(98)	(61)	-	(4)	(83)	(347)
Third party product purchases	(340)	(191)	-	-	-	(123)	(654)
Inter-segment purchases	(1)	(64)	-	-	-	65	-
Product stock movement	4	(33)	(16)	-	22	-	(23)
Other income	17	25	43	28	2	3	118
Other expenses	(13)	(8)	(21)	7	(59)	(92)	(186)
FX gains and losses	-	-	-	-	-	(3)	(3)
Fair value losses on commodity hedges	-	-	-	-	-	(247)	(247)
Share of profit of joint ventures	-	-	1	24	-	-	25
EBITDAX	423	525	615	728	851	(337)	2,805

## 2020 Full-year segment results summary



US\$million	Cooper Basin	Queensland & NSW	PNG	Northern Australia & Timor-Leste	Western Australia	Corporate explor'n & elimins	Total
Revenue	919	793	451	466	742	141	3,512
Production costs	(131)	(76)	(56)	(284)	(198)	29	(716)
Other operating costs	(60)	(78)	(41)	-	(4)	(91)	(274)
Third party product purchases	(303)	(173)	(1)	-	(1)	(134)	(612)
Inter-segment purchases	-	(69)	-	-	-	69	-
Product stock movement	(31)	-	(1)	(2)	8	-	(26)
Other income	10	33	13	2	3	4	65
Other expenses	(12)	(6)	(11)	(11)	(25)	(51)	(116)
FX gains and losses	(2)	4	-	1	21	(37)	(13)
Fair value losses on commodity hedges	-	-	-	-	-	45	45
Share of profit of joint ventures	-	-	-	33	-	-	33
EBITDAX	390	428	354	205	546	(25)	1,898

#### **Purchase price allocation**

l-vear results

- Under AASB 3 *Business Combinations*, all assets acquired and liabilities assumed in a business combination are recognised at acquisition date fair value, known as purchase price allocation (PPA).
- + Santos has provisionally recognised the fair values of the identifiable assets and liabilities of Oil Search based upon information available at reporting date as shown in **Note 6.2 (a)** to the 2021 Consolidated Financial Statements.
- Goodwill on acquisition of \$1,080 million has been recognised. The goodwill has arisen due to the net deferred tax liability of \$1,080 million generated on acquisition.
- Exploration and evaluation assets recognised of \$2,050 million primarily relate to the Pikka project in Alaska, Papua LNG, P'nyang and the remaining acreage positions across PNG.

Oil and gas assets recognised of \$6,549 million predominantly arises from the additional 29% interest acquired in PNG LNG.

- Restoration provision of \$800 million has been recognised based on the most recent information, assumptions and forecasts.
- LNG sales contracts are fair valued on acquisition. This results in a contract assets of \$318 million which will be amortised to the profit and loss over the period of the contract.

#### **Income statement**

Year-ended 31 Dec 2021	Oil Search post- acquisition	Santos standalone	Consolidated
Production volume (mmboe)	1.7	90.4	92.1
Sales volume (mmboe)	1.5	102.7	104.2
Product sales (\$million)	101	4,612	4,713
EBITDA (\$million)	62	2,603	2,665

#### **Balance sheet**

\$million As at 31 Dec 2021	Oil Search fair value post-PPA	Santos standalone	Consolidated <sup>1</sup>
Current assets	1,162	3,620	4,751
Non current assets <sup>1</sup>	11,131	20,259	25,258
Total assets <sup>1</sup>	12,293	23,879	30,009
Current liabilities	(1,158)	(1,884)	(3,011)
Non current liabilities	(5,083)	(8,399)	(13,388)
Total liabilities	(6,241)	(10,283)	(16,399)
Net assets <sup>1</sup>	6,052	13,596	13,610

<sup>1</sup> Consolidated total shown is net of eliminations on consolidation, including purchase consideration of \$6,038 million.



Open oi	l price positions <sup>1</sup>	2022
Zero cost collars (barrels)		4,000,000
	Average floor price (\$/bbl)	50
	Average ceiling price (\$/bbl)	66.14
Three-way Participating (barrels)		2,000,000
	Average floor price (\$/bbl)	50
	Average ceiling price (\$/bbl)	60
$\widetilde{(D)}$	Average re-participation price (\$/bbl)	65.05

<sup>1</sup>As at 31 December 2021.

#### Dividend franking

- + Dividend franking account balance as at 31 Dec 2021: US\$94 million
- + 2021 final dividend will substantially deplete franking account balance and will be franked to 70%

+ Dividend will be designated Conduit Foreign Income (CFI) allowing it to be paid to non-resident shareholders free of withholding tax

