

Narrabri Gas Project

Community Consultative Committee Meeting – Feb 2022

Santos



- + 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, physical risks, legislative, fiscal and regulatory developments, economic and financial markets conditions in various countries, approvals and cost estimates.
- + All references to dollars, cents or \$ in this document are to Australian currency, unless otherwise stated.

- + Welcome
- + Apologies
- + Declaration of pecuniary or other interests
- + Confirmation of minutes and actions arising
- + Correspondence
- + Santos Update
 - + Corporate and NSW development
 - + Approvals - Management Plans and consultation process
- + Review of CCC feedback
 - + Noise Management Plan
- + CSIRO Gas Industry Social and Environmental Research Alliance (GISERA) Presentation
 - + Update on latest projects
- + Proponent Reports
 - + Advisory Group Updates
 - + Member updates
- + General Business
 - + Next meeting
 - + Circulate final plans for submission



Welcome

- + Welcome
- + Apologies
- + Housekeeping



Actions

NO.	ACTIONS	ACTION BY	DUE DATE
1	GHD to be invited to attend future CCC meeting	Andrew Snars	On going
2	CSIRO (GISERA) to be invited to future CCC meeting	Chair	On going
4	Bushfire Management Plan discussions	Andrew Snars	Outside of CCC meeting
5	Community Benefits Fund timing of payouts to be clarified	Chair / DPIE	Next CCC Meeting
6	Chair to establish a formal process for dealing with correspondence addressed to the CCC requesting technical responses and report back to a future meeting.	Chair	Next CCC Meeting
7	Feedback on Noise Management Plan to be returned to Santos by 15 November 2021.	CCC members	15 November 2021
8	Electronic feedback form to be emailed to members. Members can use electronic or hard copy feedback form.	Chair	Post CCC Meeting

This presentation includes:

| 1

Company update

| 2

Narrabri Gas Project update

| 3

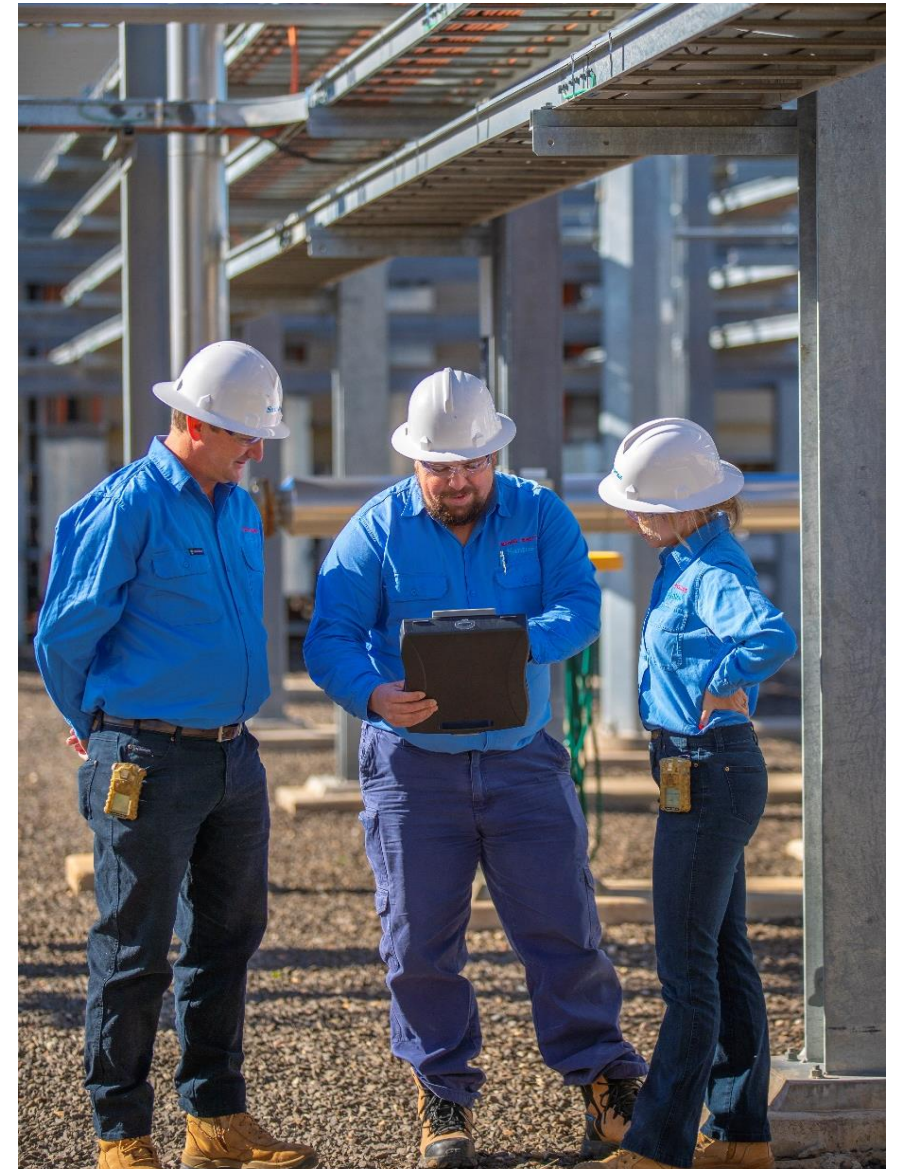
Review of CCC feedback



- + Continued operations and development throughout COVID – strict screening procedures are in place for all Santos sites.
- + Santos Q4 2021 results released on 20 January 2022.
- + On 10 December 2021, Santos announced the merger with Oil Search had become effective following approvals by Oil Search shareholders and the National Court of Papua New Guinea.
- + Barossa 20 per cent complete and progressing on schedule and budget.
- + FID on the Moomba carbon capture and storage project taken in November 2021, with first injection expected in 2024.
- + Dorado Phase 1 and Pikka Phase 1 projects targeting FID in mid-2022 and first half 2022.
- + Strong base business performance delivered record annual production of 92.1 million barrels of oil equivalent (mmboe), inclusive of 1.7 mmboe from the Oil Search assets from 11 December 2021.
- + Stronger commodity prices and higher sales volumes delivered record quarterly sales revenue of US\$1.5 billion, up 34 per cent, and record annual sales revenue of US\$4.7 billion, up 39 per cent.
- + Free cash flow is expected to be around US\$1.5 billion in 2021, more than double the level in 2020.
- + GLNG delivered a record 6.4 million tonnes of LNG sales in 2021.

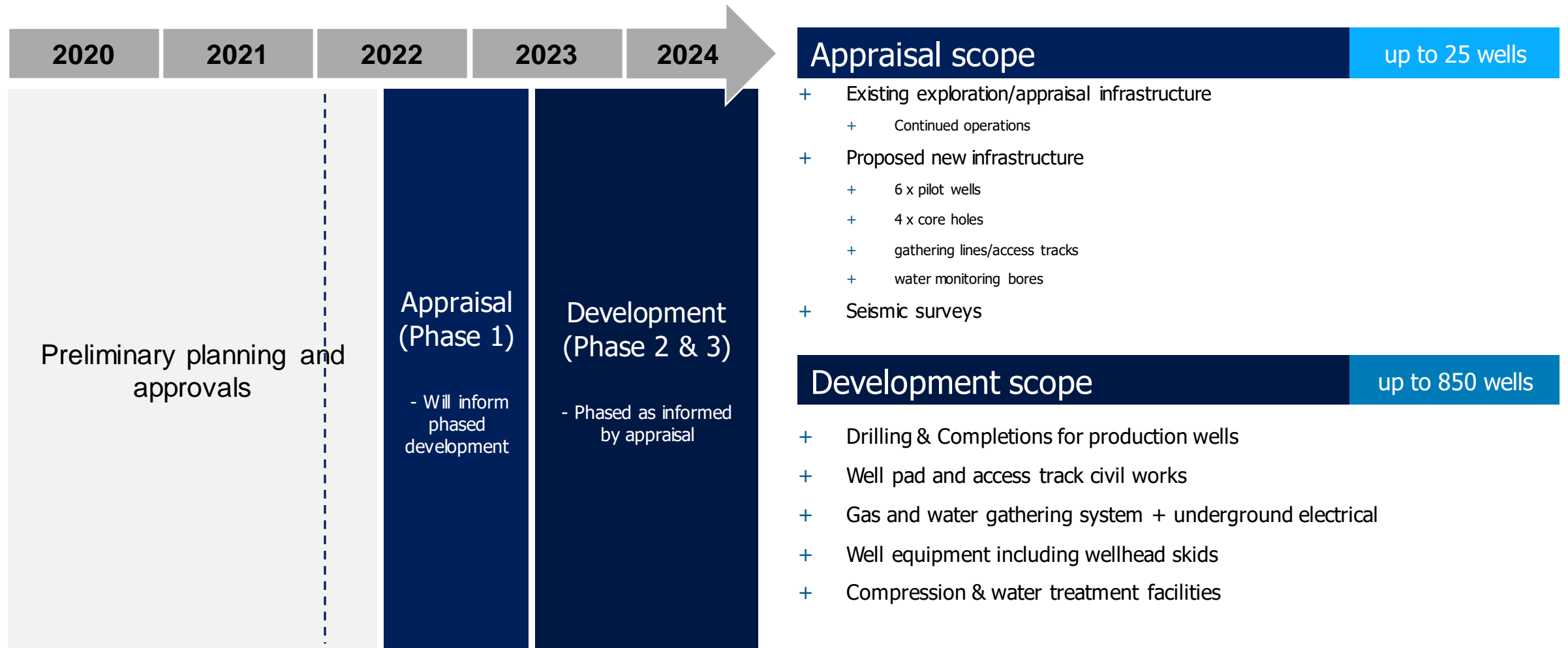
Narrabri Gas Project update

- + On 18 October 2021, the NSW Land and Environment Court dismissed the appeal lodged by the Mullaley Gas and Pipeline Accord, represented by the Environmental Defenders Office (EDO), to overturn the IPC approval of the Narrabri Gas Project. This legal process pushed the timelines for the project back 12 months.
- + On 18 January 2022, the EDO notified Santos that the Mullaley Gas and Pipeline Accord will not be proceeding with an appeal of the above decision. The time has now passed for any further legal appeals to the IPC's development consent for the Narrabri Gas Project.
- + Santos has increased its interest in the Narrabri Gas Project to 100% by acquiring the remaining 20% interest from EnergyAustralia for a confidential consideration.
- + Santos will undertake a 12 to 18 month appraisal program ahead of a Final Investment Decision for the next phase of project development.
- + Santos continues work on the preparation and approval of the management plans required as a condition of consent by IPC.
- + Meet approval Conditions of Consent prior to Phase 1:
 - + Management plans must be approved by planning secretary
 - + Currently 25/26 plans & sub-plans progressing through various stages of consultation and approval
 - + Once approved, plans will be displayed on the NGP website



NGP indicative timeline and scope

Once all approvals are in place, a 12 to 18 month appraisal drilling program will be undertaken to inform the phased development of the Project.



Noise management plan (NMP)

Comment	Response
<p>Not all (217) sensitive receivers are aware of NMP. Each should have opportunity to review it prior to finalisation</p>	<p>Condition B13 of the consent condition stipulates that the NMP is to be prepared in consultation with the EPA and the CCC. The Phase 1 Field Development Plan will identify the final locations of proposed infrastructure and is required to be developed in consultation with a range of stakeholders, including directly affected landholders. Through the Field Development Plan, if landholders could be impacted by noise, then Santos will engage with those landholders and conduct site-specific management measures where required.</p>
<p>Appendix A "Consultation Records" remains blank in this draft.</p>	<p>Consultation records from this process will be included at Appendix A when the plan is submitted for approval.</p>
<p>It is unclear if the NMP is managing impacts of what is approved under the consent for Phase 1 (up to 25 wells as outlined in Section 6) or what is planned for Phase 1 at this stage.</p>	<p>The NMP has been updated to clarify the scope managing potential impacts from proposed activities (6 x pilot wells, 4 x core holes and ancillary works) and existing activities that will continue operation during Phase 1.</p>
<p>This NMP could remain in place for a long time, given it is for both construction and operation of this infrastructure and should take into account ongoing operation of this infrastructure.</p>	<p>This NMP takes into consideration managing noise impacts from the entire lifecycle of phase 1, including all construction and operational phases. The final NMP will be applicable irrespective of how long phase 1 takes to complete.</p>
<p>The constraints-based approach used identifies buffer distances from sensitive receivers to infrastructure or work being undertaken which is not a simple approach that is easily understood by sensitive receivers.</p>	<p>At the moment, the 'constraints-based' approach does not directly quantify received construction and operational noise levels at receivers. These buffer distances would be used as a screening assessment during 'desktop review' stage to identify areas where a detailed noise assessment is required. A detailed noise assessment would involve noise predictions and site-specific management measures where required. This will be presented in the Field Development Plan which is to be developed in consultation with a range of stakeholders, including the CCC.</p>
<p>The draft NMP doesn't identify the locations of Phase 1 infrastructure.</p>	<p>The final locations of infrastructure for any phase will only be known once the Field Development Plan for that phase is finalised. However, the NMP has been updated to identify the preliminary locations of Phase 1 infrastructure and apply and buffer screening test to determine any sensitive receivers which have the potential to be impacted and whether a detailed noise assessment will be required.</p>

Noise management plan (NMP)

Comment	Response
<p>We request a review of the draft Field Development Plan and finalisation of this Plan prior to the finalisation of the Noise Management Plan</p>	<p>The NMP needs to be finalised and approved prior to finalisation of the Field Development Plan. The Field Development Plan will be developed in consultation with a range of stakeholders, including the CCC. It will identify the final locations of infrastructure and confirm noise levels and any monitoring requirements.</p>
<p>Not much detail is provided in the NMP as to how the noise impacts from current operations differ from the new developments.</p>	<p>The NMP has been updated to include consideration of cumulative noise impacts.</p>
<p>We request clarity around the noise impacts and management and mitigation of existing operations.</p>	<p>This is detailed in the updated NMP.</p>
<p>We request that private agreements relating to noise exceedances be made available to the community.</p>	<p>Any agreements with individual landholders are private and will not be made publicly available.</p>
<p>The NMP makes it clear that Santos has not yet identified if each of the sensitive receivers are occupied dwellings or not and we are concerned that Santos is not in a position to determine if a dwelling is occupied or not.</p>	<p>Once the final location of infrastructure is defined, Santos will take the conservative approach and assume all dwellings are occupied to finalise the Field Development Plan. Whether or not properties are occupied is verified through engagement with landholders and will influence site-specific management measures.</p>
<p>“Normal operating hours” are not listed in the NMP. We request that cementing activities and construction at Leewood and Bibblewindi only occur during normal operating hours and during non-adverse meteorological conditions.</p>	<p>Normal operating hours in relation to construction refers to Standard Construction Hours. This has been clarified in the NMP. Noise criteria cannot be exceeded outside of standard construction hours. Noise would be minimised during adverse meteorological conditions as per Section 6.4 of the updated NMP. The consent condition states that works can take place outside of standard hours if it is below the relevant noise criteria for that time period, irrespective if high-noise generating or not.</p>

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Thank you / Questions?