



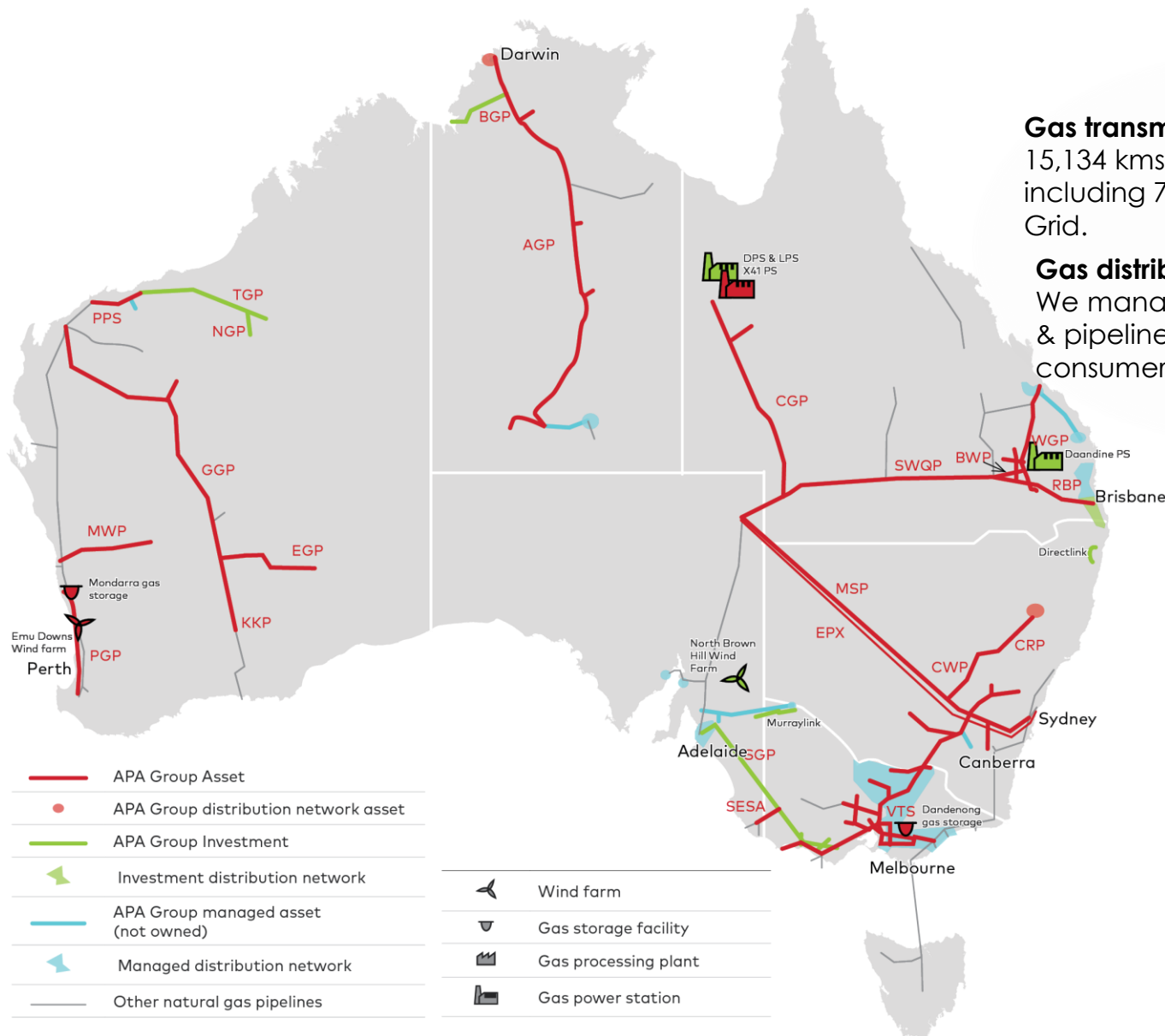
western slopes pipeline briefing
january 2017

Gas transmission

15,134 kms of transmission pipelines, including 7,500 kms in the East Coast Grid.

Gas distribution

We manage 28,424 kms of gas mains & pipelines, serving 1.3 million gas consumers



western slopes pipeline



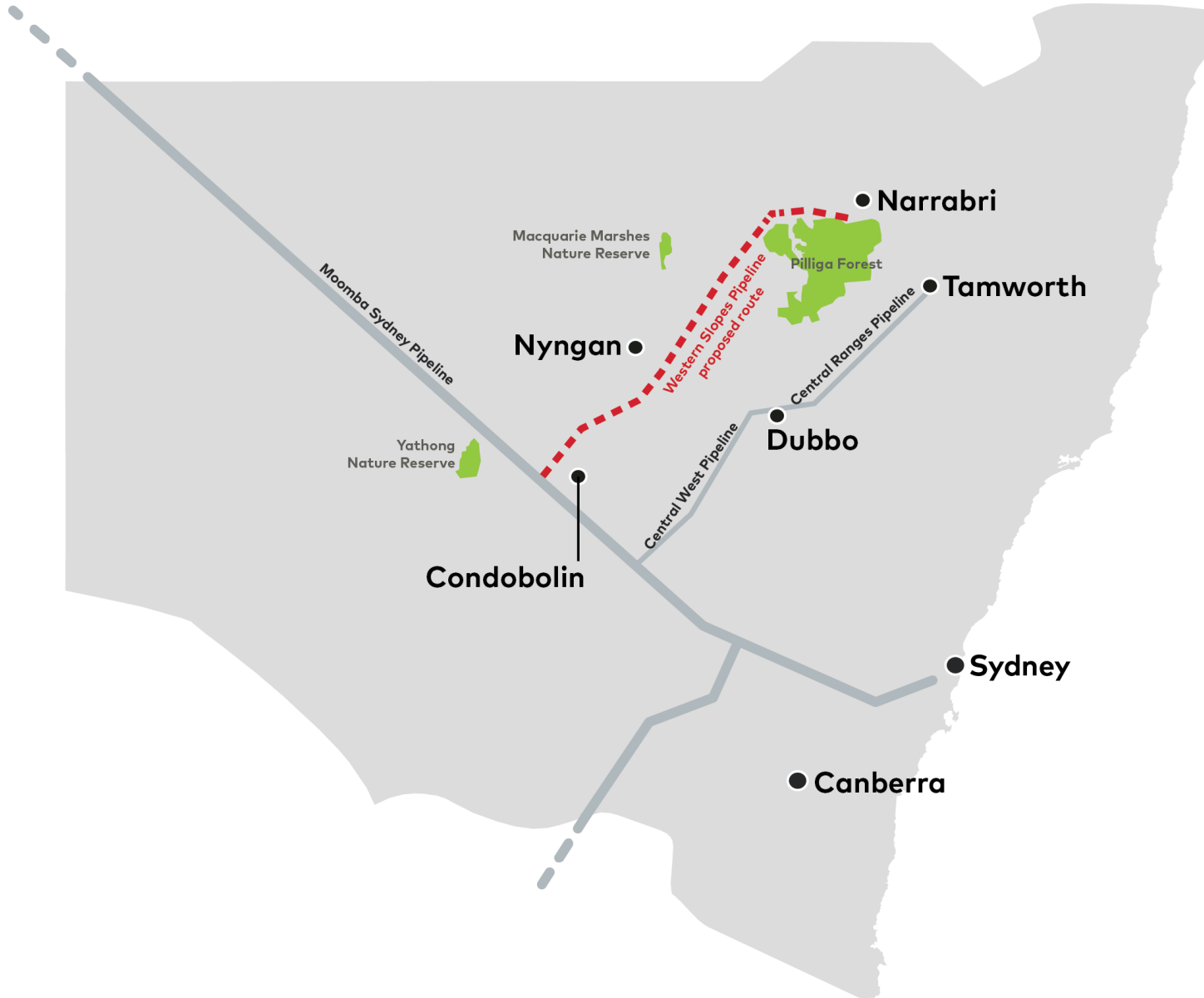
Overview

APA Group is proposing to construct a 450 kilometre gas pipeline to connect natural gas from Santos' proposed Narrabri Gas Project to the New South Wales gas transmission network.

Preliminary studies have identified a preferred route that starts to the north of the Pilliga National Park and Pilliga West State Conservation Areas, then travels west-southwest to connect to the Moomba Sydney Pipeline at the Bundure mainline valve station - approximately 100km west of Condobolin.

Length	Approximately 450km
Material	Epoxy coated high strength steel line pipe
Size Range	400-450mm diameter
Depth	Generally 900mm
Design principles	Strictly in accordance with the latest version of Australian Standard (AS) AS2885 Pipelines Gas and Liquid Petroleum.
Nominal capacity	Up to 200 TJs/day (which is up to 50% of the gas needs of NSW)
Pipeline easement	Nominally 30m wide

western slopes pipeline - proposed route





Environmental management

Pipelines are the only safe, reliable and economic method for transporting gas over long distances for extended periods of time, with minimal stakeholder and environmental impact.



The Western Slopes Pipeline will be subject to environmental assessment in accordance with Part 5.1 (State Significant Infrastructure) of the [Environmental Planning and Assessment Act 1979](#), prior to licensing under the [Pipelines Act 1967](#).



APA will soon commence the detailed environmental assessment and stakeholder consultation process for the project, beginning with the lodgement of a Preliminary Environmental Assessment with the Department of Planning & Environment.



Land access process

APA will shortly commence contacting landowners along the preliminary pipeline alignment to discuss the project in more detail and better understand the specific features of their property.



Initially, APA will be seeking access to properties for the purposes of conducting environmental and other technical surveys required to inform the project Environmental Impact Assessment.



Subject to the confirmation of the pipeline alignment APA will then seek option agreements for an easement to accommodate the pipeline. Any such agreement will include an appropriate compensation arrangement. APA will also be responsible for the landowners reasonable costs incurred in negotiating the agreement.



<p>Narrabri CCC meeting (31 January 2017)</p>	<ul style="list-style-type: none"> ▪ Notification to CCC members of the Project Development Agreement between Santos and APA. ▪ Notification of the imminent lodgement of APA's Preliminary Environmental Assessment with the Department of Planning & Environment. ▪ Initial contact with LGAs, landowners, other key stakeholders commences.
<p>PEA submission (early February)</p>	<ul style="list-style-type: none"> • Submission of a Preliminary Environmental Assessment to the Department of Planning and Environment to apply for the approval of the Minister to carry out State Significant Infrastructure. Department will make the PEA available for public access.
<p>SEARs issued (Feb-Mar 2017)</p>	<ul style="list-style-type: none"> • Preparation of the environmental assessment requirements for the proposed pipeline by the Department of Planning and Environment - Secretary's Environmental Assessment Requirements (SEARs).
<p>Landowner meetings (Feb 2017-ongoing)</p>	<ul style="list-style-type: none"> • Following lodgement of PEA, commence face-to-face landowner / leaseholder consultation over access for EIS studies
<p>EIS preparation & submission (early 2018)</p>	<ul style="list-style-type: none"> • EIS to be informed by a comprehensive program of community and stakeholder consultation and detailed technical and environmental studies • Addresses in detail matters outlined in the SEARs.
<p>EIS assessment (early-mid 2018)</p>	<ul style="list-style-type: none"> • Public exhibition of the EIS for a minimum of 30 days. Public comment will be invited. • Assessment of the application by the Department of Planning and Environment.
<p>EIS approval (late 2018)</p>	<ul style="list-style-type: none"> • Approval by the Minister for Planning, which may include placing conditions on any approval.

pipeline development process



Pipeline construction commences only after design and all relevant approvals and landowner access agreements are completed.

We design, construct and maintain our pipelines to the highest standards, and always with safety in mind.

Our normal pipeline construction process is as follows:

1. Landholder liaison
2. Survey
3. Fencing
4. Clear and grade
5. Stringing
6. Bending
7. Welding
8. Non-destructive testing
9. Joint coating
10. Trenching
11. Lowering in and padding
12. Backfilling
13. Reinstatement & signage
14. Pressure testing
15. Restoration

further information



APA – Western Slopes Pipeline

www.apa.com.au

Freecall: 1800 941 145

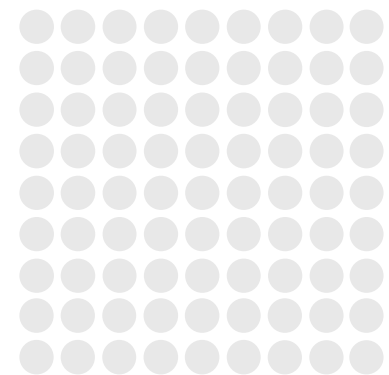
Email: westernslopespipeline@apa.com.au

Department of Planning & Environment - State Significant Infrastructure

<http://tinyurl.com/zu3phag>

Department of Industry – Resources & Energy - Pipeline Licensing Process

<http://www.resourcesandenergy.nsw.gov.au/energy-supply-industry/legislation-and-policy/pipelines-licensing>



energy. connected.