

BONDO
WIND FARM

Community Information Booklet

September 2024

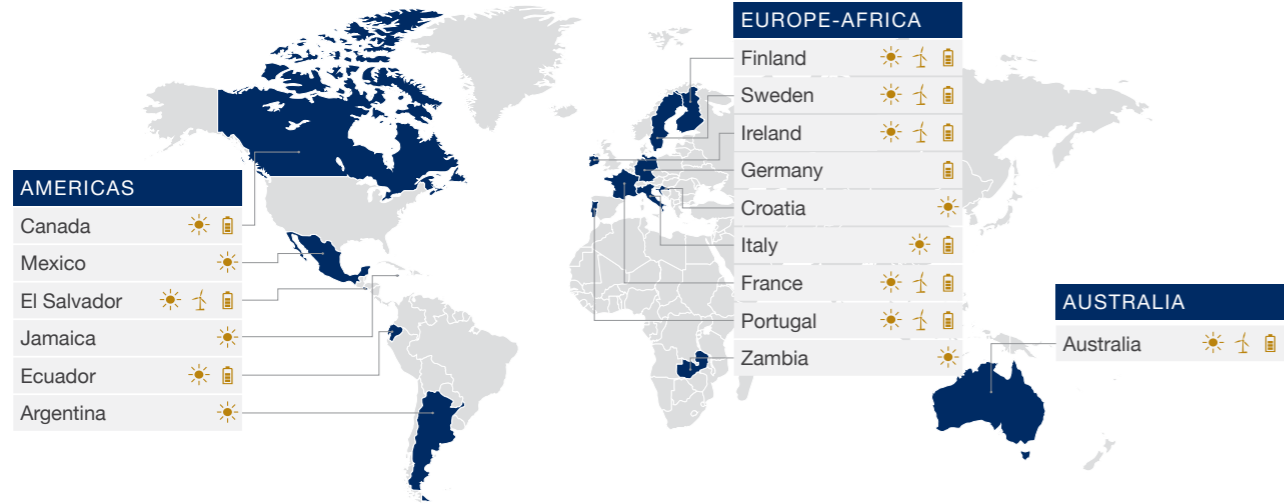
NEOEN



Neoen produces clean energy from renewable sources such as sunlight and wind using mature, tried and tested technologies. We are also leaders in energy storage.

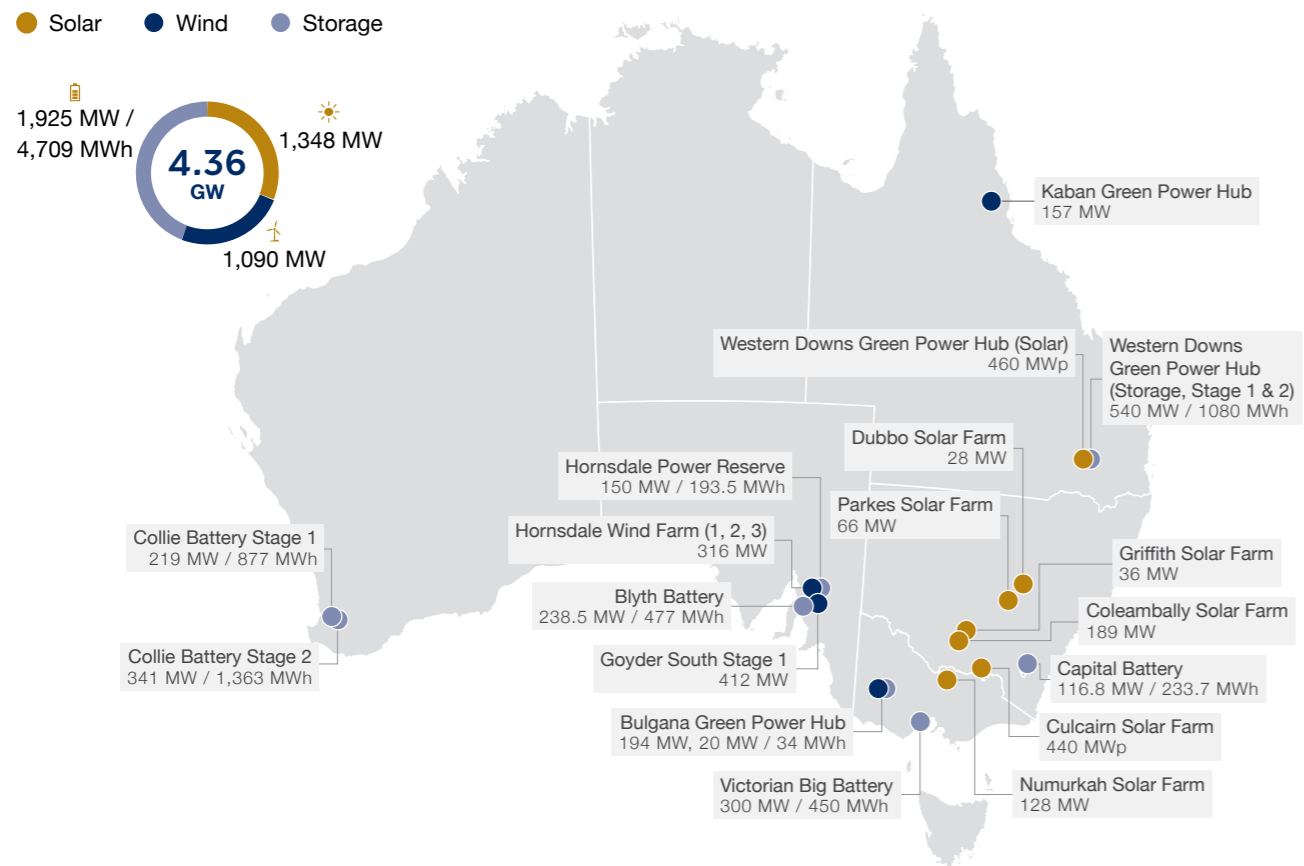
Globally

Neoen has a presence in 16 countries with over 8 GW of assets in operation and under construction worldwide.



In Australia

Since 2012, Neoen has developed over 4.3 GW of wind, solar and storage projects across six states and territories.



Australia's largest renewable energy company



LONG-TERM OWNERSHIP

Neoen is a long-term asset owner of projects with a 30+ year lifespan. We are looking to grow our portfolio to reach 10 GW globally by 2025.

We view this stable approach as similar to forestry. Both wind farms and forests, when well-managed, can provide reliable returns through a combination of accurately forecasted production and forward contracts.



MATURE PLAYER IN AUSTRALIA

Neoen is Australia's largest renewable energy company with 4.3 GW and more than \$4 billion of assets either operating or under construction.

We have proven experience in partnering with stakeholders to develop, build, commission and operate power plants in the Australian electricity market.



TRUSTED ENERGY SUPPLIER

Neoen is a trusted supplier of clean energy to major energy consumers including Coles, Energy Australia, AGL and BHP.

We have contracts with governments in South Australia, Victoria, New South Wales, Western Australia and Queensland as well as with the Australian Energy Market Operator.

We are known for our professionalism and delivery track record.



100% RENEWABLES

Neoen is not involved in any other energy business streams outside of the investment, construction, and operation of renewable energy assets.


There is no other part of the Neoen company that will impact on the social, carbon, or ecological standing of Neoen: we are a 100% clean renewable energy company.




Leaders in the energy transition




HORNSDALE WIND FARM
IN OPERATION
316 MW, South Australia
Contributing to the ACT Government's world-first achievement of 100% renewable electricity by 2020.


KABAN GREEN POWER HUB
IN OPERATION
157 MW, Queensland
Supplying 100% clean energy to CleanCo to help Queensland achieve its target of 50% renewables by 2030.





GOYDER SOUTH STAGE 1
UNDER CONSTRUCTION
412 MW, South Australia
Combined with output from Blyth Battery, the wind farm will deliver a 24/7 green energy solution to BHP's Olympic Dam mine under an innovative baseload contract.

Expertise in combining with forestry




HEDET WIND FARM
IN OPERATION
81 MW, Finland
18 turbines over 1,000 hectares of land, located entirely in forests


MUTKALAMPI WIND FARM
IN OPERATION
404 MW, Finland
69 turbines over 4,800 hectares, located entirely in forests




KENTBRUCK GREEN POWER HUB
IN DEVELOPMENT
Up to 600 MW, Victoria
105 turbines over 8,000 hectares with 90% located in an actively managed private pine plantation

Project background

The New South Wales Government (NSW) has legislated a target of reducing emissions by 50% by 2030 and to achieve net zero emissions by 2050. Its recently released forecast assessment predicts: 12 GW of new generation, mostly renewables, will be needed by 2030.

Following a competitive tender process managed by Forestry Corporation of NSW, Neoen was selected to investigate the feasibility to develop a wind farm in the Bondo plantations, near Tumut. The Forestry Corporation permit is for investigation only at this stage and, if proved to be viable, the project would need to go through all the necessary government planning processes and be approved by the NSW Department of Planning, Housing, and Infrastructure, for it to be constructed.

To learn more, please refer to the FAQs on our website: bondowindfarm.com.au/faqs



Forestry Corporation is the largest manager of commercial native and plantation forests in NSW, growing enough timber each year to build a quarter of new homes in Australia and replanting and regrowing around 10 million seedlings annually.

It produces certified-sustainable softwood and hardwood timber from plantations and native forests and manages two million hectares of State forests in NSW.

Learn more about the NSW Government's decision to allow renewable energy projects in its softwood plantations: forestrycorporation.com.au

Photo courtesy of Forestry Corporation



SYNERGIES

Bondo State Forest is windy which means it is ideal for a wind farm. We will develop a wind monitoring campaign to understand the wind resource in detail.

There is an existing road and track network which we intend to use for access tracks as much as possible. The area is also sparsely populated, away from major residential areas, minimising impacts to communities.

The forest has two existing high voltage transmission lines running through it, which we hope to use to connect the project.



CONSTRUCTION COORDINATION

We have begun our engagement with the local forestry industry to understand their priorities, concerns and potential issues. We will be working together over coming years to develop and implement solutions.

During construction we would work in close collaboration with the forestry industry to ensure there is minimal disruption to forestry activities and transport.



COMBINED LAND USE

Forests offer large contiguous tracts of land for strings or clusters of turbines, which would be linked together electrically through underground cables.

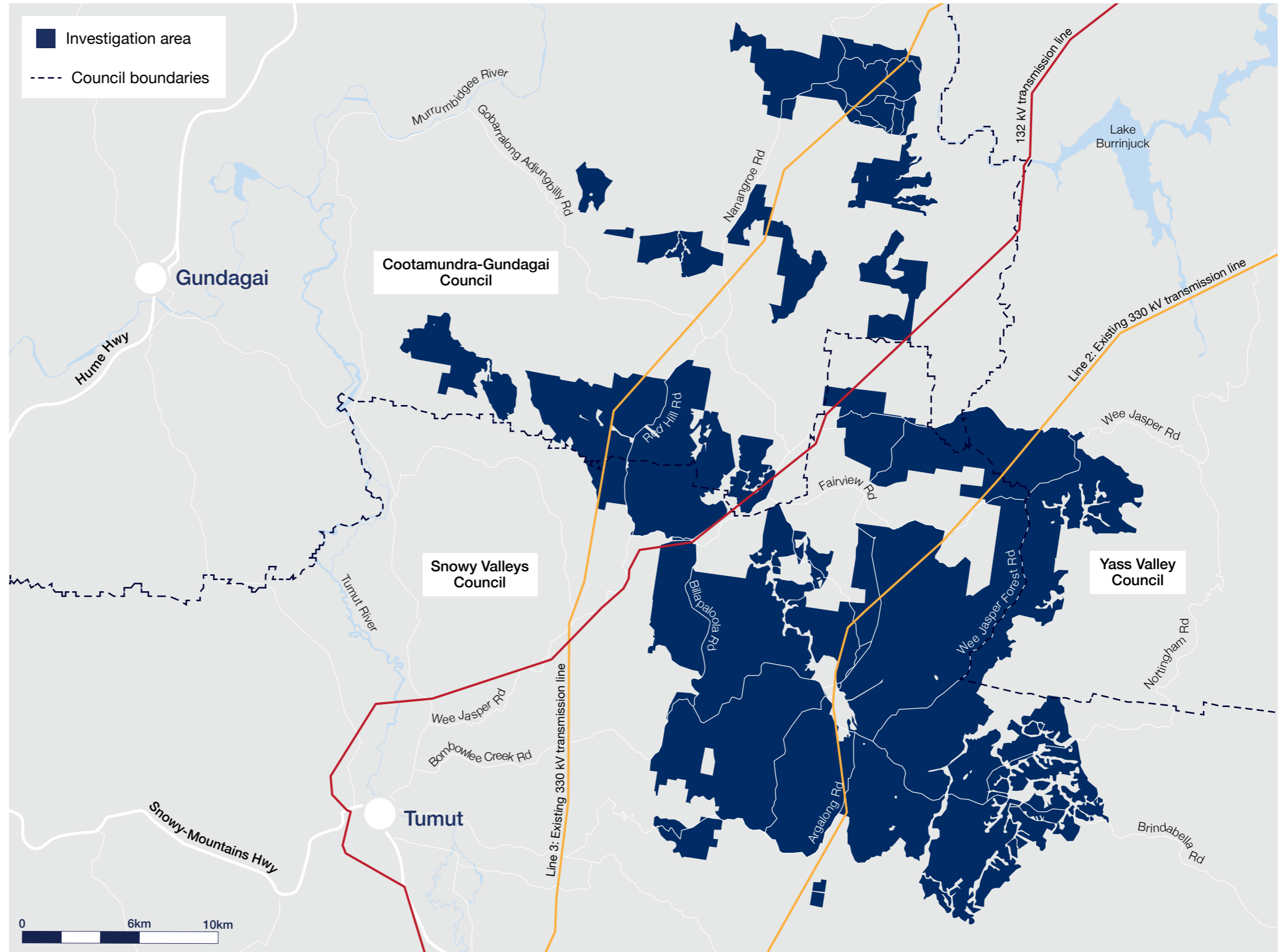
Renewables offer a diversified and reliable income stream for forestry companies over a 30+ year timeframe.

Bondo Wind Farm

The area being investigated is within the softwood plantations near Bondo State Forest, approximately 15 km east of Tumut.

Located in a strong part of the electricity network, the site has three existing transmission lines running through it.

The investigation area falls within the boundaries of 3 Local Government Areas (LGA's): Snowy Valley Council, Cootamundra-Gundagai Regional Council and Yass Valley Council.



Early studies & investigations

We have started surveys and studies to develop a preliminary design to minimise the project's impact on the environment and the community.

Over the past four months, we have started:

- Ecological surveys (a total of eight seasons will be captured over two years):
 - Birds and bats: we have started the Winter 2024 survey in early July by installing 80 recorders through the investigation area.
 - Native vegetation: we commenced the Spring 2024 survey at the end of August, identifying sensitive areas to be avoided for project infrastructure placement.
- Further studies critical to Neoen's Environmental Impact Statement application and comprising First-Nations and cultural heritage, visual and noise impact assessment for nearby dwellings, potential impact on telecommunications links, bushfire risk assessment and mitigation, traffic management (including route to site to understand how to bring the project components) and aviation.

A wind monitoring campaign design is underway, we hope to install four meteorological masts by early 2025. The masts will collect valuable wind data to ensure we achieve the most efficient wind farm design. Some masts will monitor bat activity at height and could be used to monitor bushfire risk, thanks to fire detection cameras. Mast locations will be confirmed through a Development Approval process managed by Snowy Valleys Council.

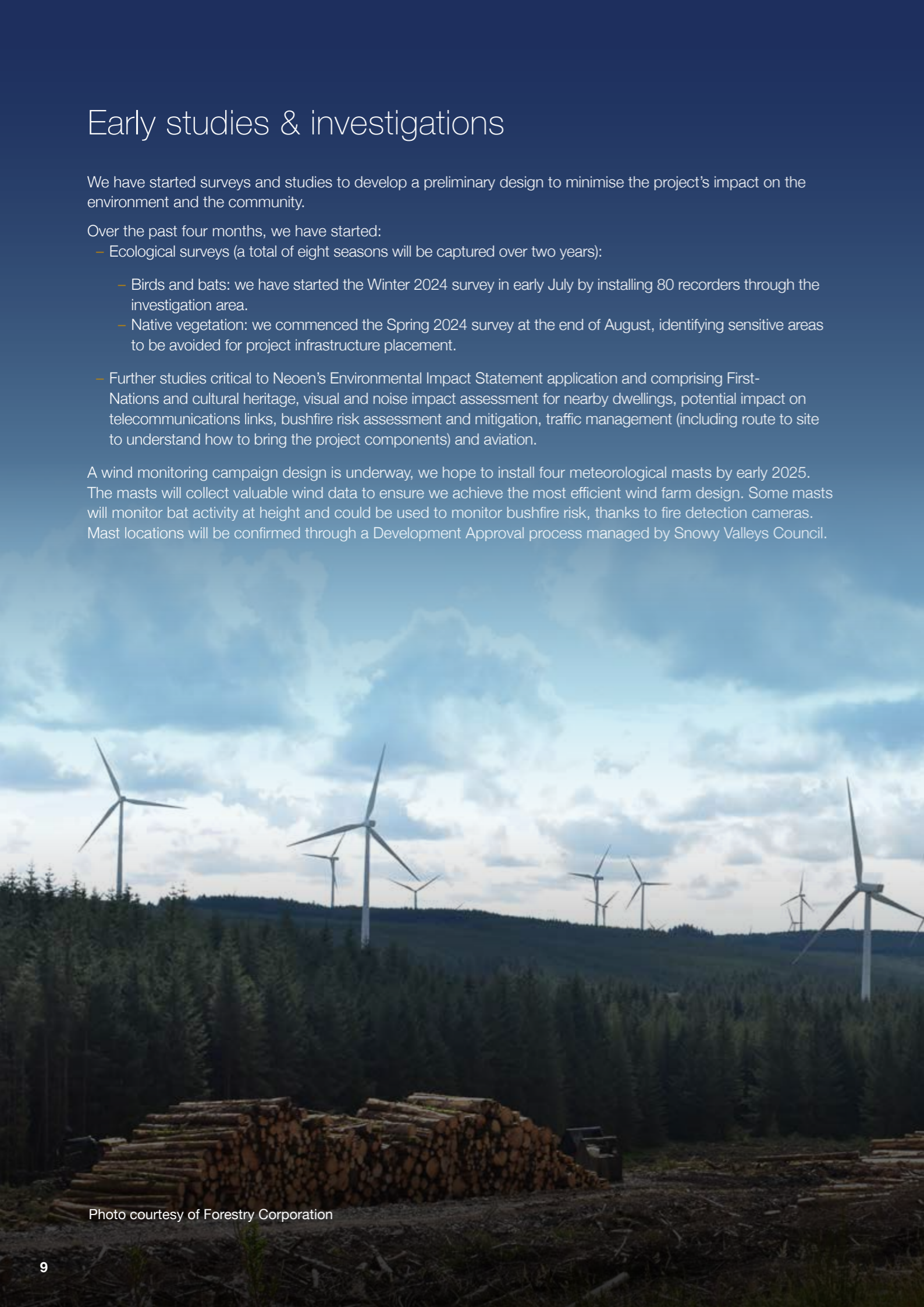


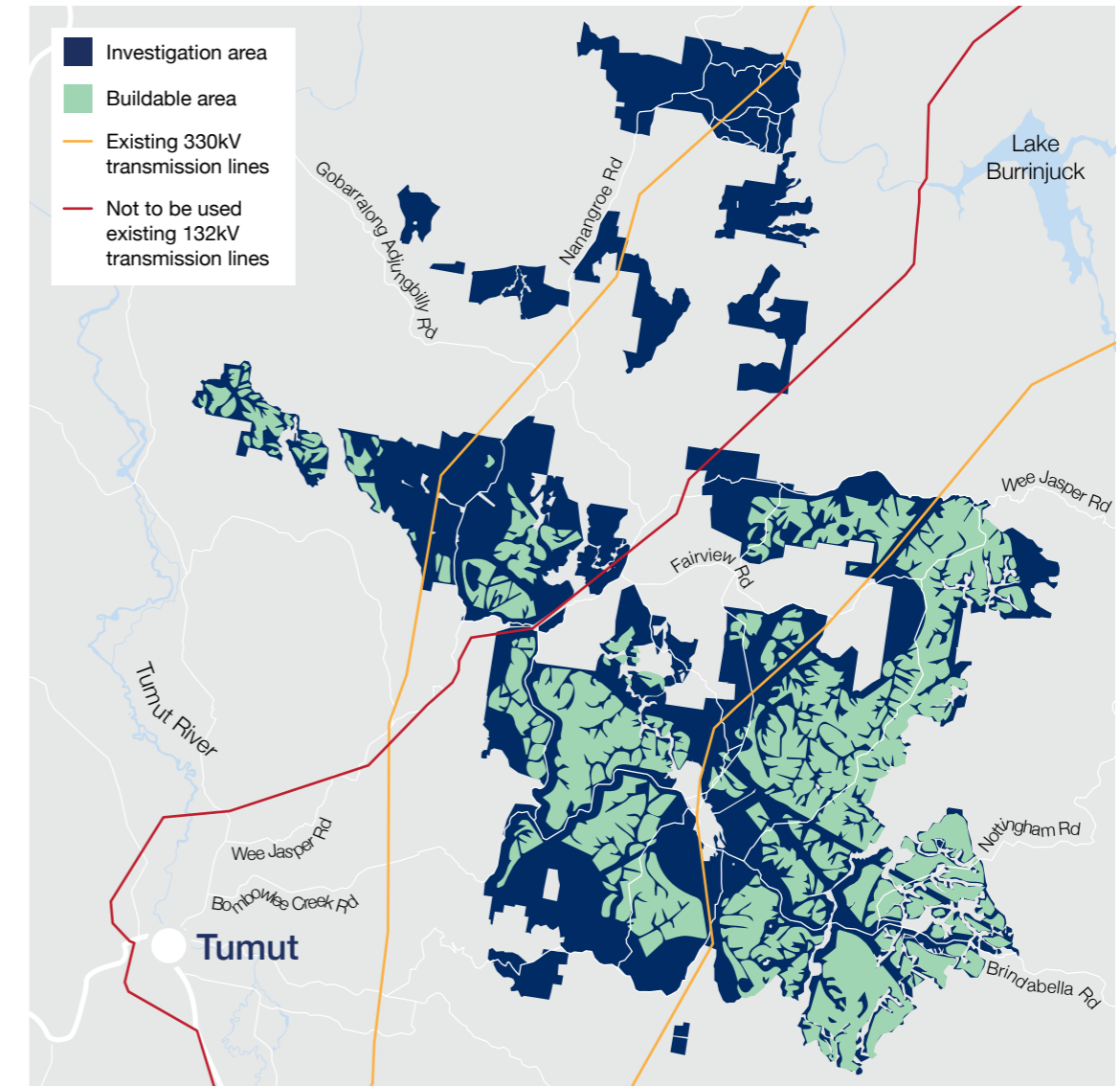
Photo courtesy of Forestry Corporation

Buildable area

At this stage, the size of the project is uncertain. Turbines numbers, stage numbers and capacity (MW) are yet to be determined and subject to neighbour consultation, development, environmental, grid constraints and the outcome of the planning and approval process.

As mentioned earlier, the identified constraints are applied to the investigation area to narrow down locations suitable for wind turbines. The below map is indicative only and shows the buildable area in green where turbines could be positioned. Optimisations will be carried out to assess access and constructability, while aiming for the best wind resource locations.

We aim to provide a turbine layout for the next community event, likely to be in early 2025.



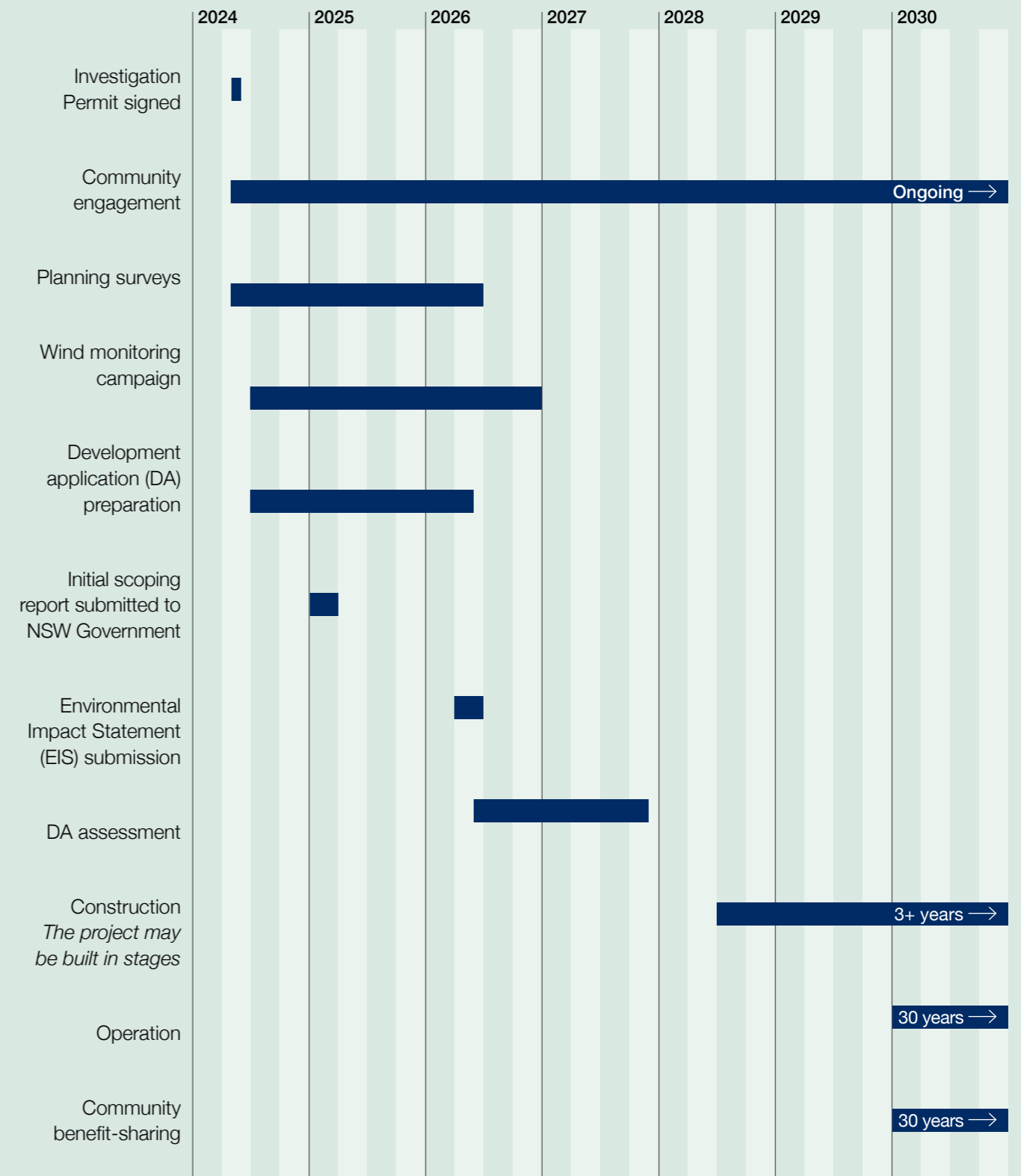
Project lifecycle

The project will go through all necessary government planning processes and will require Development Approval from the NSW Government. The first step is to submit a Scoping Report, which we expect to do in Q1, 2025.



Indicative timeline

Please note that the project is in early stages of development and the timeline is subject to change. Updates will be shared on our project website: bondowindfarm.com.au



Bushfire prevention & management

Neoen takes fire safety and mitigation very seriously on all its projects.

As a long-term owner and operator of renewable energy projects, we work with the local rural fire service from the early stages of development to construction and operation.

Our projects involve building new infrastructure and we are committed to ensuring that in doing so, we do not put unnecessary additional pressure on valuable local resources (such as fire fighting) or bring unmitigated risk to the natural environment and communities surrounding our project sites.

BENEFITS OF WIND FARMS

- The height of turbines, coupled with lightning protection systems, reduce the chance of lightning strikes on nearby trees which may otherwise start a fire
- Wind turbines and meteorological masts can be fitted with cameras for smoke and fire detection in the forest - increasing visibility and early detection
- Construction of additional high-quality roads/access tracks that can be used in a bushfire emergency
- Asset Protection Zones around turbines and maintained roads act as additional fire breaks, helping slow fires down in an emergency
- Water tanks are installed on site to guarantee reserves for fire fighting purposes only
- On-site monitoring personnel are trained and can detect and be first responders to a fire event
- Additional eyes on the ground to detect and raise alarms during an emergency
- Neoen has committed to significant additional funding of fire prevention and management as part of the project's benefit-sharing program.



With over 22 assets in operation or under construction across six Australian states and territories, Neoen has a proven track record of collaborating with the following authorities:



<p>Are wind turbines a fire risk and how will this be mitigated?</p>	<p>All electrical infrastructure comes with a level of fire risk, but the risk from wind turbines is extremely low. Additionally, wind farms have requirements around keeping vegetation below certain levels to manage fuel loads, and offer benefits such as additional fire breaks, water reserves, fire trails and monitoring in remote areas of a region. Neoen ensures that our wind farms comply with all relevant requirements from the local and state government fire authorities.</p> <p>Early detection and manned surveillance (with 24/7 monitoring) also help reduce fire risks from campfires and arson, improving security across the project area.</p>
<p>How would the ability to fight fires in the area, using light aircraft and heavy water bombers, be affected by turbines?</p>	<p>If there is a fire emergency, Neoen would stop all wind turbines and park the rotor blades to facilitate operation of fire fighting aircraft i.e., turbines will be locked in a “Y” position during the fire to make them safer to fly around. This has been carried out successfully and is a standard practice in other areas/jurisdictions.</p> <p>Aircraft (likely helicopters) would need to avoid the wind turbines and follow relevant visual flight rules. There is also significant space between turbines which allows helicopters to fly between them. Pilots view turbines as no different from tall structures and hazards such as power lines, transmission towers, mountains and valleys. Any requirements associated with aerial fire fighting are included in the Bushfire Emergency Management Plan developed in consultation with the fire authorities and in accordance with the state government’s planning requirements for wind farms.</p>
<p>How can wind turbines prevent a fire risk?</p>	<ol style="list-style-type: none"> 1. Turbine height, coupled with lightning protection systems, reduces the chance of lightning strikes on nearby trees and property which may start a fire. 2. Turbines are fitted with advanced smoke detection systems. When smoke is detected, an alarm shuts down the wind turbine for safety purposes and a signal is sent to our on-site technician who assess the situation as per our approved response protocols. They will alert the fire authority in the event of a bushfire risk or emergency. Turbines also have a fire suppression system which can activate an environmentally-friendly gas suppressant to cool a fire and remove oxygen to extinguish flames. 3. Asset Protection Zones around the site have vegetation maintained below certain levels and free of debris that pose a fire risk.



Transportation & roads

Following consultations with key stakeholders, we are currently exploring options for transportation and the route from port to site.

The preferred road transport route would start from the Port of Newcastle and Port of Adelaide to the project site. During construction, traffic would consist of both light vehicles for transporting workers and heavy and over-sized vehicles for delivery of materials, plant and turbine components.

The project would generate increased local traffic volumes during the construction phase, with minimal traffic impacts anticipated during operations. During pre-construction and construction periods we would coordinate closely with the forestry industry to minimise disruption to their schedules and programs.

The turbine components are oversized and heavy equipment, delivered by skilled and certified drivers with escort vehicles to ensure road safety as needed.

Example of turbine component delivery for Neoen's Goyder South project in South Australia:

5 tower sections:

- Base section – 12.6m x 76 tonne
- Mid-C section – 19.9m x 79 tonne
- Mid-B section – 26.6m x 77 tonne
- Mid-A Section – 30m x 65 tonne
- Top Tower – 29.8m x 62 tonne

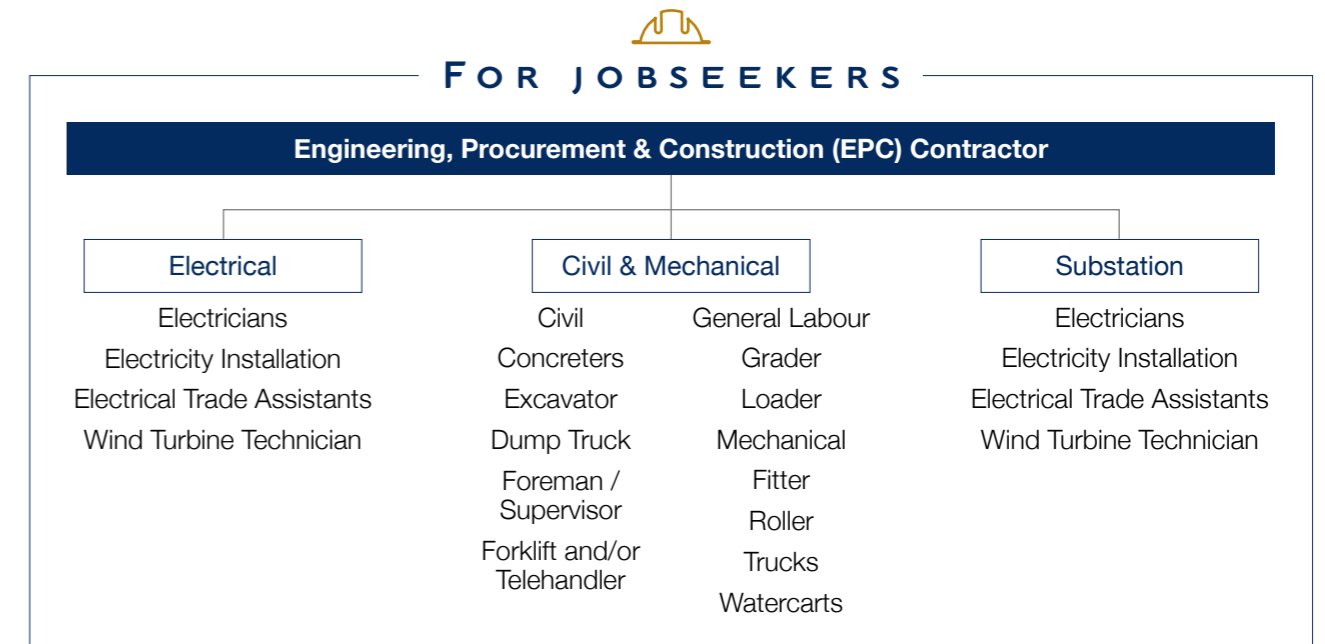
Plus:

- Nacelle – 14.2 x 4 x 3.5m x 98 tonne
- Drivetrain & gearbox – 6.6 x 4 x 3.5m x 82 tonne
- Hub – 4.6 x 4.2 x 3.8m x 51 tonne
- Blades - 77.4m length x 30.5 tonne (each)



Construction workforce

While we are still in the very early stages of investigation, if the project proceeds these are the jobs and work packages needed to build a wind farm.



Anyone interested in working on the project can register their interest via our project website:
bondowindfarm.com.au/work-with-us

We will work closely with the forestry industry to identify potential workforce issues and develop solutions ahead of the construction period.

Workforce accommodation has already been identified as a challenge that will need to be resolved.



Local benefits

Community Benefit-Sharing

Neoen will make an **annual commitment** under the Community Benefit-Sharing Program to provide significant benefits to communities living around our Bondo Wind Farm.

Funding will be available if the project goes into operations and will continue for its 25+ year lifespan. We aim to fund local projects and initiatives in one of the following growth areas:



Arts, culture & events



Disaster relief & emergency services



Education & Training



Energy efficiency & environment



First Nations Initiatives



Health & Wellbeing



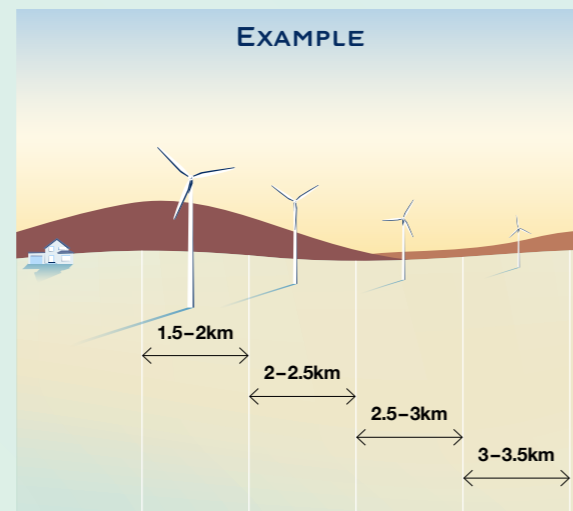
Submit your ideas: Scan the QR code on the next page

Neighbour Benefit-Sharing Scheme

Neoen will also deliver a Neighbour Benefit Scheme (NBS) for landowners who live closest to the wind farm, based on the number of turbines within certain distances of their primary residence.

Neoen will decide on the structure of the NBS before a Development Application the NSW Government. The final amounts will depend on our project's layout, which is determined after we receive approvals and during the construction stage.

The NBS does not prevent neighbours from expressing their views for or against the project, privately or publicly at any time.



ARTWORK COMMITMENT

We create an artwork on all our projects with an energy capacity of over 50 MW. This commitment aims to celebrate renewable energy as well as the culture, history or flora and fauna of the local region in which we build and operate our project.



ENVIRONMENTAL ABOVE & BEYOND INITIATIVES

We are committed to supporting local, environmental and biodiversity initiatives in the areas in which we own and operate our projects. This initiative is 'above & beyond' our offset requirements on a project with an energy capacity of over 50 MW.




HAVE YOUR SAY!

You know this area best so we'd like to hear your ideas for community benefits. Scan this QR code or visit our website:



Resources for schools



NEOEN

Learning Hub


Take your students on a journey of discovery into the wonders of electricity and renewable energy

neoenlearning.com

LEARNING HUB

Developed by Neoen, the Learning Hub helps strengthen engagement with regional communities around our projects. Designed for students in Years 5 to 12, it covers the basics of electricity to the impacts of renewable energy sources and the possible careers in the sector. Curriculum-aligned videos, resources and classroom activities provide students with dynamic and engaging lessons.

Learn more by visiting neoenlearning.com.



FUTUREVILLE

In partnership with the Canberra Institute of Technology, Neoen recently launched Futureville, a new game to help students find their ideal career in renewable energy.

Designed for Years 9–12, Futureville advocates for the diversity of jobs needed and available.

We encourage you to use and share this free resource now available via neoenlearning.com.



SCHOOL ENGAGEMENT

For another project in Victoria, we partnered with Kardinia School which had a campus nearby. The team visited them and answered the kid's questions, then the kids visited the site once the project began operations.

The students helped to develop our Learning Hub and Neoen has a long-term benefit-sharing agreement to support the school's sustainability initiatives.

BONDO

WIND FARM



bondowindfarm.com.au



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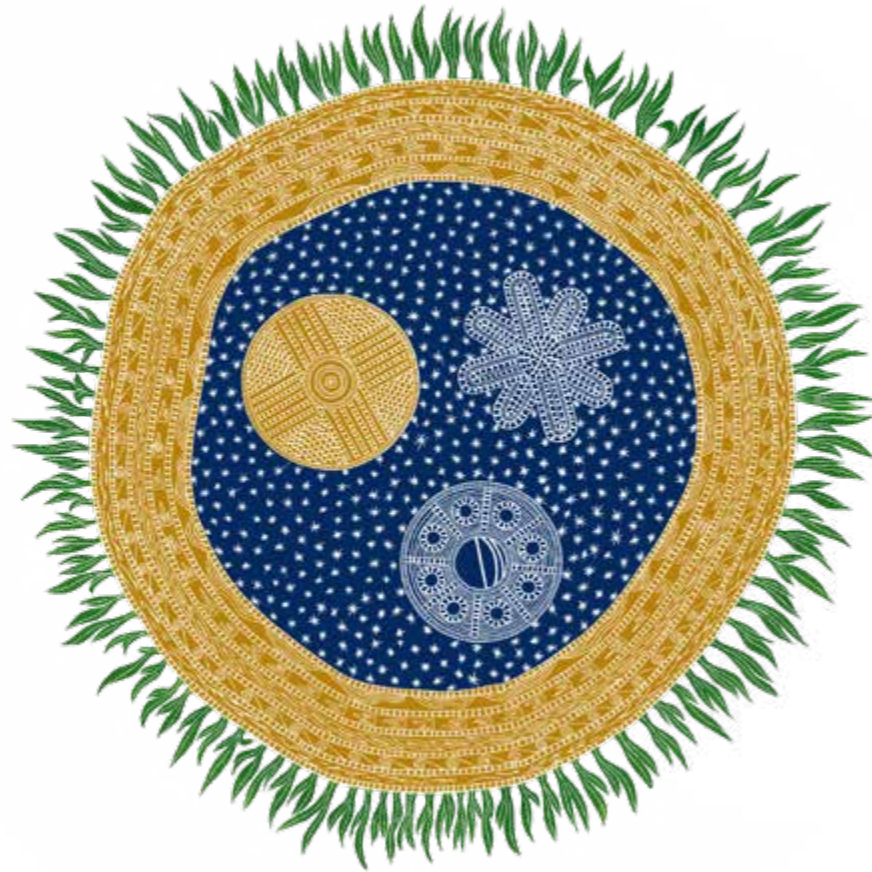
Local Office: 45 Fitzroy St, Tumut, NSW

Acknowledgement of Country

Neoen acknowledges the Traditional Owners of Country throughout Australia and recognises their continuing connection to land, waters and culture.

We pay our respects to their Elders – past and present.

In particular, we acknowledge the Wiradjuri people, Traditional Owners of the lands on which we are investigating the Bondo Wind Farm.



RAP ARTWORK

Celebrating Renewal

Teho Ropeyarn, 2022

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