

An aerial view of an offshore wind farm in the ocean. Several white wind turbines with yellow bases are visible. A blue and white service vessel is moving across the water in the foreground, leaving a white wake. The sky is blue with some light clouds.

# Community Advisory Group

Meeting #9 – 26 November 2021

We acknowledge the Traditional Owners of the lands on which we all meet today and pay our respect to their elders past, present and future.

In particular, we recognise the Gunaikurnai people as Traditional Owners of the area in which the Star of the South would be located.

# Agenda

1. Welcome
  - Introductions
  - Apologies
2. Standing items and actions from previous meeting
  - Minutes
  - Declaration of potential conflicts
3. What's happening on the project?
4. What's happening in the community?
  - Glenn Stagg
  - All
5. Designing an offshore wind farm and 'Ask the engineer'
7. Other items
  - 2022 meeting schedule
  - Other questions or feedback
  - Suggestions for future agenda items

# What's happening on the project – looking back

- Attended COP26 in Glasgow
- Victorian Government co-funding development activities \$43.1m
- Submissions into parliamentary inquiries
- Pop up info stalls at Foster, Traralgon Market, Yarram courthouse market
- Offshore wind supporter event in Yarram
- Birdlife East Gippsland presentation – thanks Jack!
- Community research
- Navigation Safety Assessment
- Environmental surveys continue – approaching 2 years of data collection
- Investigations for Hazelwood connection



We've seen the offshore industry hit new milestones in the past 6-months

# What's happening on the project – looking ahead

- Pop up information stalls at:
  - Port Welshpool 27 Nov
  - Port Albert 28 Nov
  - Foster 6 Dec
- Engagement with commercial fishers about sharing the waters – 9-10 Dec
- Recruitment underway to grow our team
- Australian Wind Industry conference 7-8 Dec
- Xmas shut-down 24 Dec – 9 Jan
- Sea Days festival 8-9 Jan
- Site investigations in 2022 – onshore and offshore geotechnical studies



We'll be taking a short break over Christmas - back at it 10 January

# What's happening in the community

- Glenn (5 mins)
- Everyone
  - What are you hearing?
  - What are the hot topics in your local area?

Would you like to give an update at the next meeting?



# What's happening in the community – Glenn

- Ranking what is most important to you – Business Network International (BNI)

Rank	Topic
	Environmental impacts (all aspects including wildlife impacts), including both on-shore and off-shore?
	The ability for the project to provide a reliable (and affordable?) source of alternative energy given the impending closure of Yallourn power station in 2028?
	Jobs for the Gippsland community and the overall economic benefits it might bring to Gippsland?
	The effect on the fishing industry?
	The effect on tourism for the region and the flow-on effects for the region?



# Designing a wind farm



# How do we work out where the turbines go?



## Study the wind

Work out the windiest spots to get the best results



## Consultation

Talk with other users of the sea and find out about other infrastructure



## Study the environment

Check seabed conditions and environmental features



## Follow regulations

Meet all safety, legal, regulatory and approval requirements

Maximising electricity production is a key driver of wind farm layout, while minimising impacts

# What could a 200-turbine wind farm layout look like?

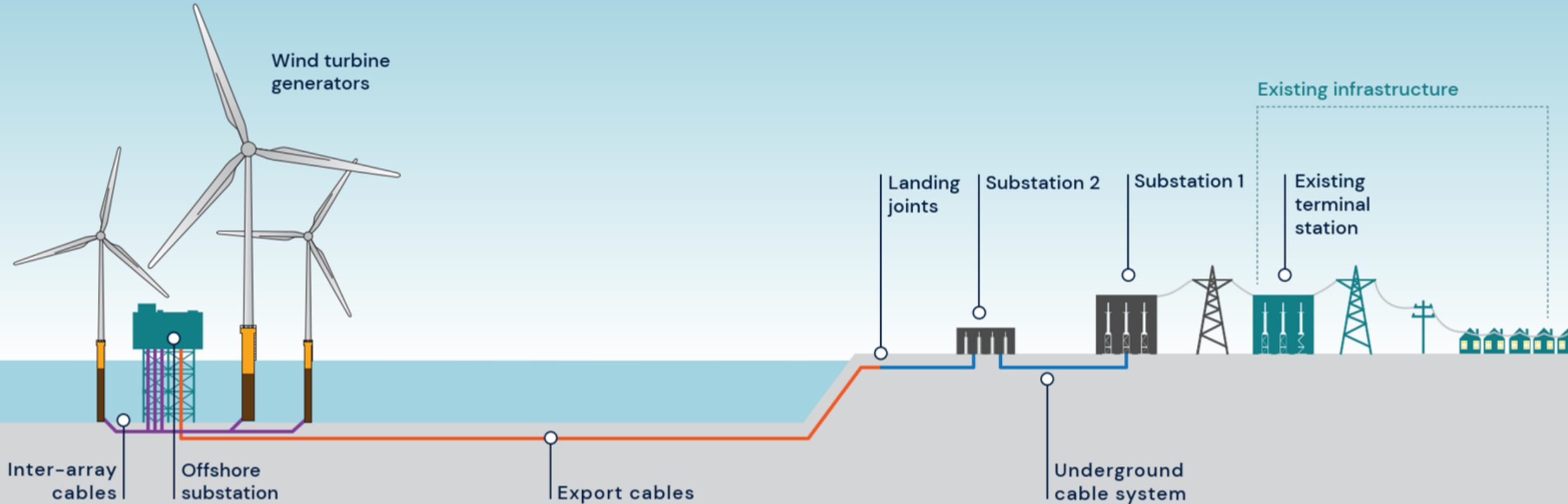


- The final layout will depend on project size, type of turbines, and findings from consultation and technical studies.
- As we learn more, we'll consider new information and refine the layout.
- It'll be several years before a final layout is confirmed.
- Maximum number of turbines: 200
- Minimum distance between turbines: 820m

This is a draft concept for consultation based on the maximum project size 2.2GW

Ask the engineer!

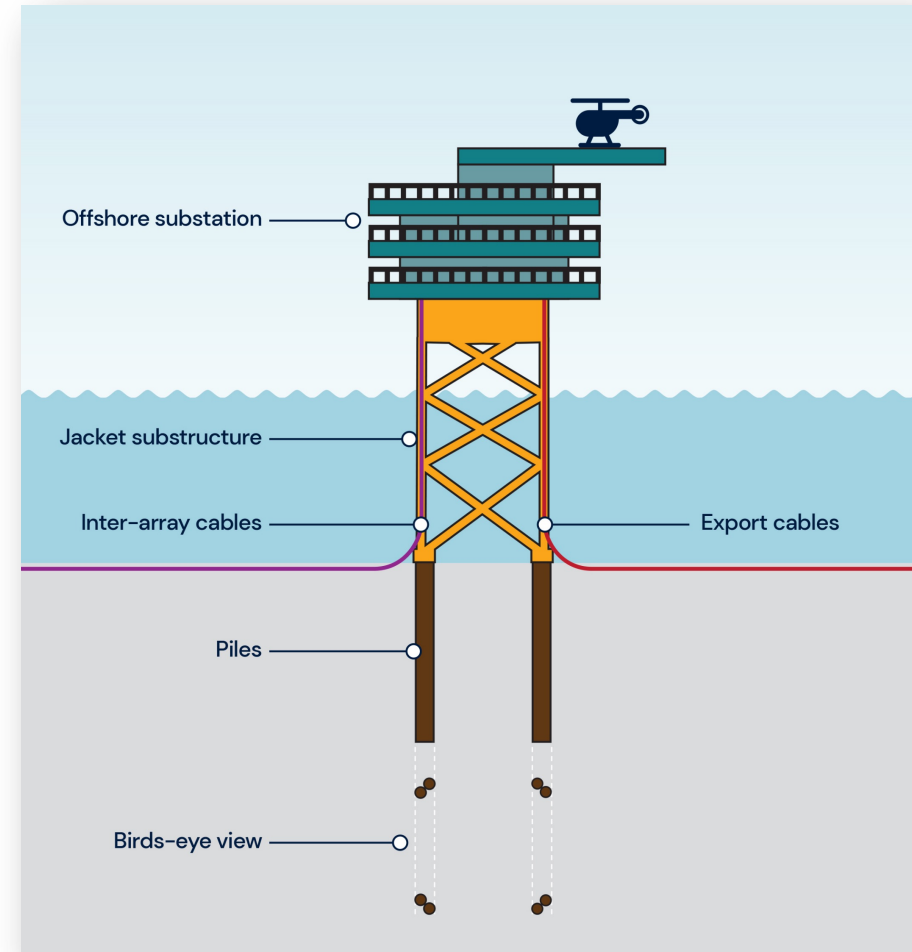
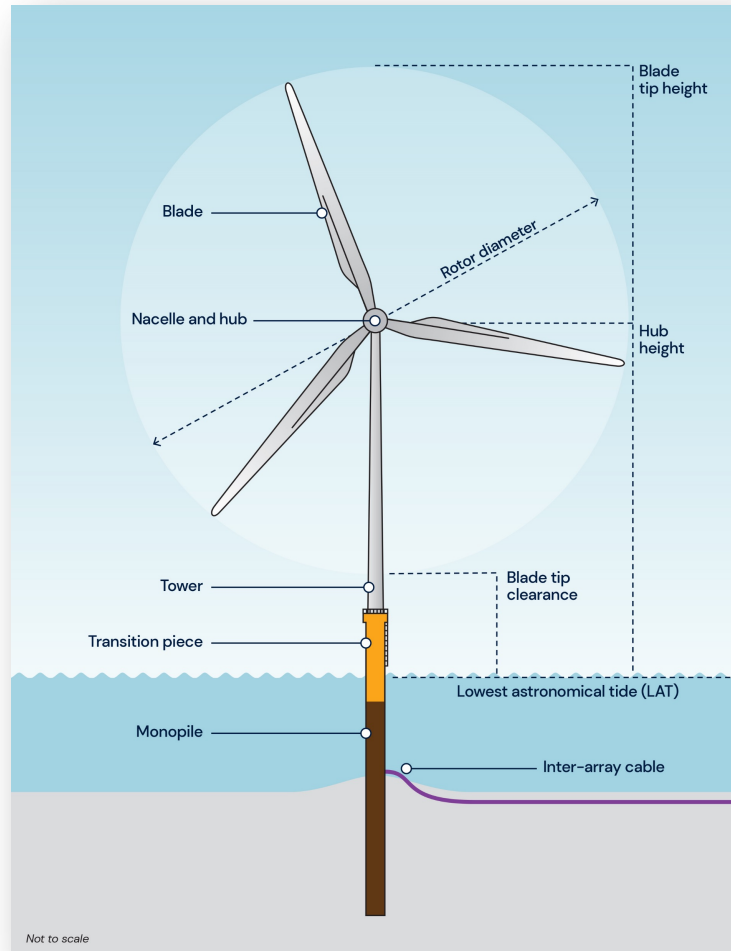
# The project



Not to scale

Onshore and offshore infrastructure to generate electricity and transmit it to the grid

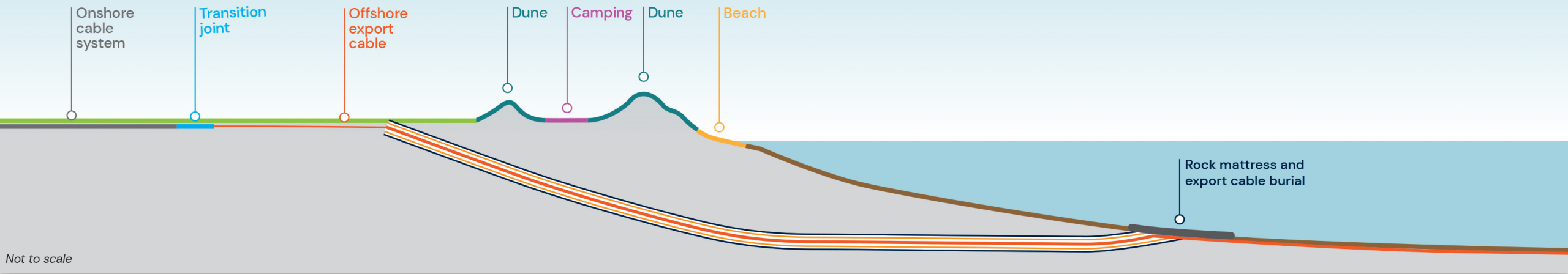
# Offshore turbines and substations



Wind turbine generator

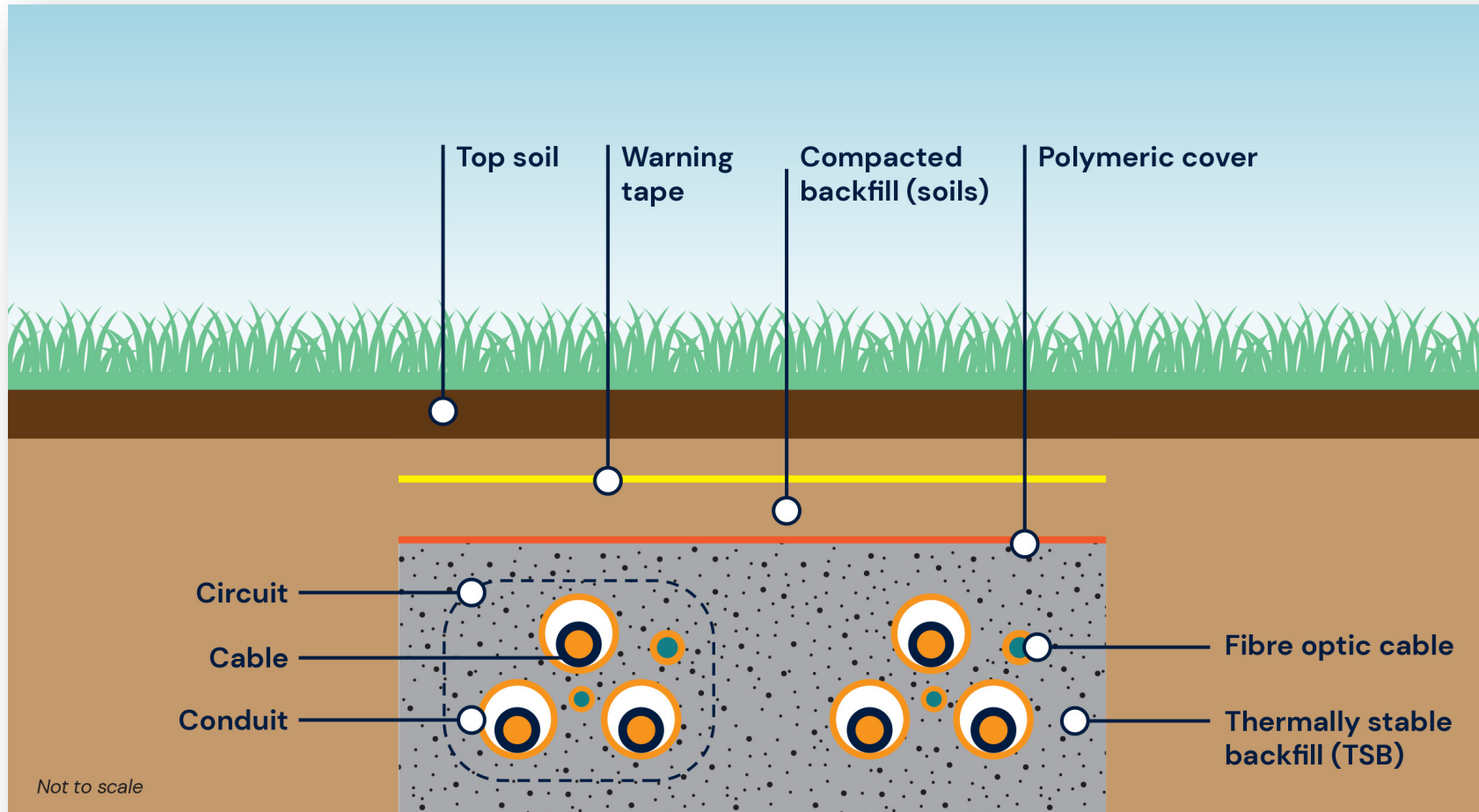
# Shore crossing

## Operations



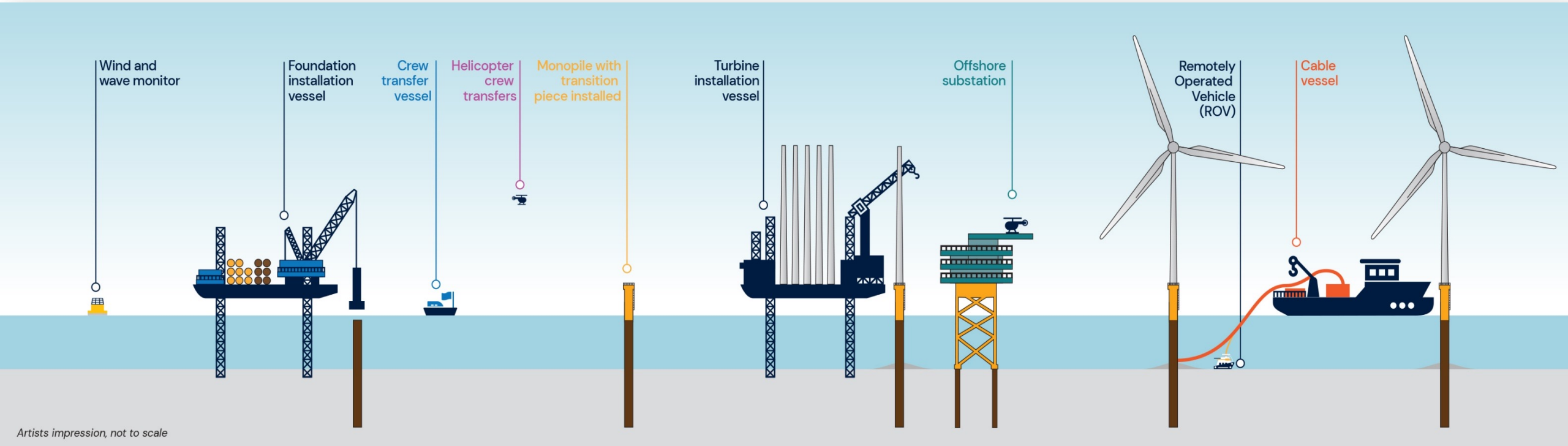
Horizontal directional drilling

# Onshore cable system



Example cable cross-section

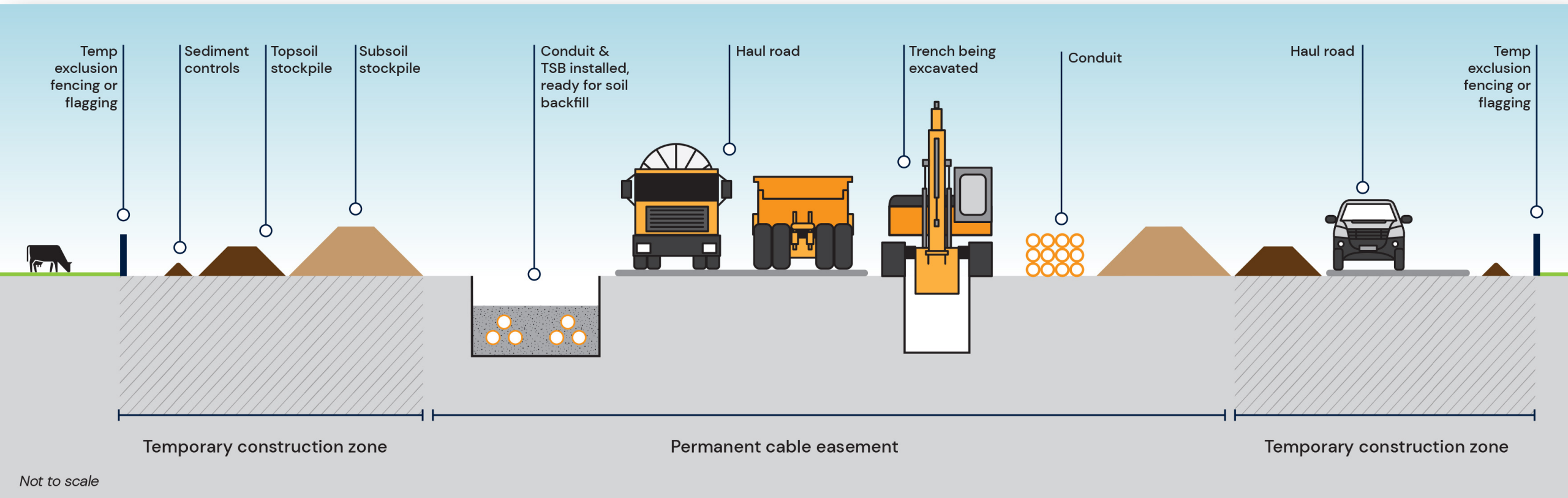
# Offshore construction



Example construction activities and vessels



# Onshore construction



Example construction activities

# Other items

- CAG 2022 schedule
- Other questions and feedback
- Suggestions for future agenda items

# 2022 draft schedule

Meeting number	Date	Location	What's happening the community reporter	Proposed topic
10	Wednesday 9 February, 4pm-6pm	Yarram area		<ul style="list-style-type: none"> <li>Welcome back / look ahead for the year</li> <li>Introducing our 3D visual model</li> </ul>
11	Thursday 31 March, 1pm-6pm	Meeting place TBC		<ul style="list-style-type: none"> <li>Site visit/tour</li> </ul>
12	Wednesday 11 May, 4pm-6pm	Latrobe Valley		<ul style="list-style-type: none"> <li>Jobs and local industry development</li> </ul>
13	Thursday 23 June, 4pm-6pm	Sale area		
14	Wednesday 10 August, 4pm-6pm	Yarram area		
15	Thursday 6 October, 4pm-6pm	Latrobe Valley		
16	Wednesday 16 November, 5pm-6pm	TBC		
	End of year breakup Early December TBC			<ul style="list-style-type: none"> <li>End of year break up</li> </ul>