

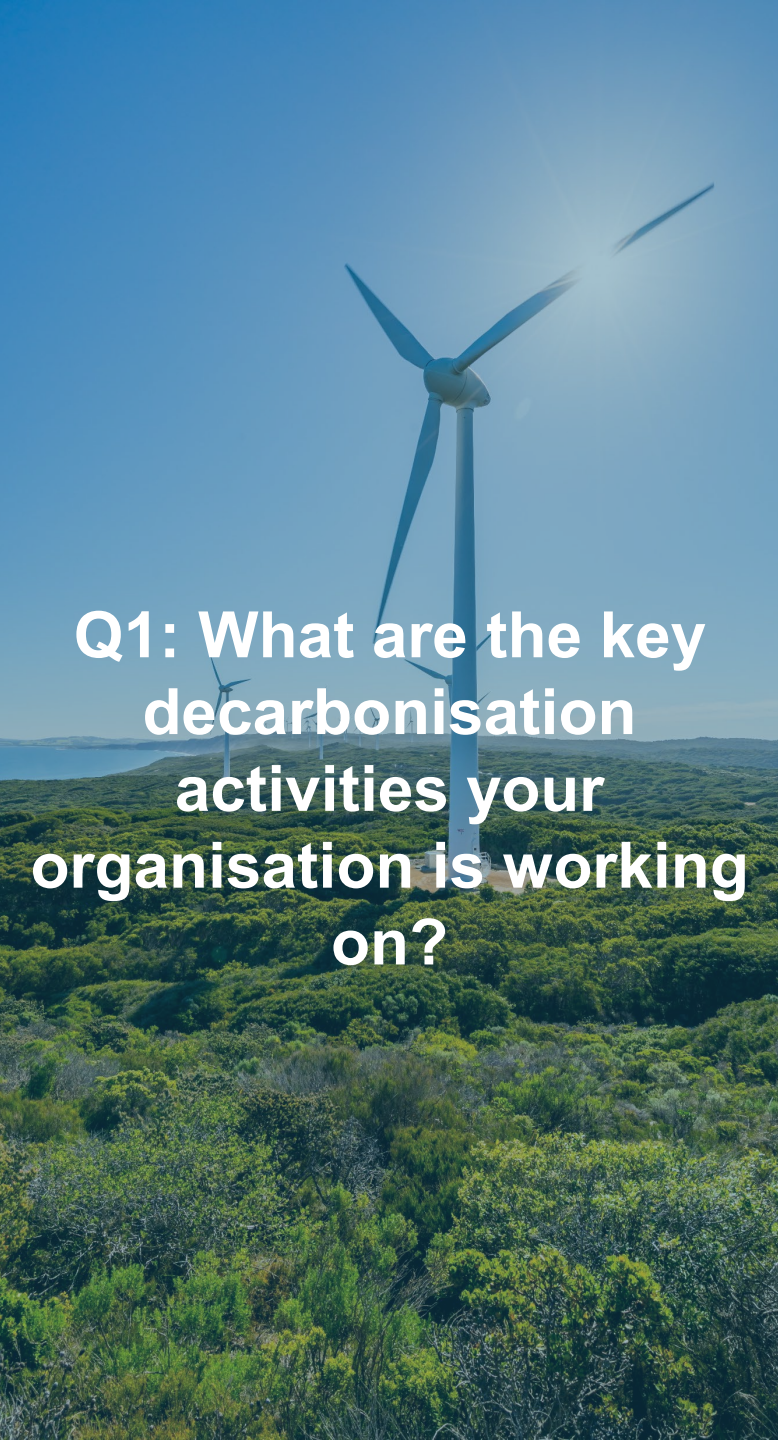
An aerial photograph of a modern city skyline, likely Brisbane, Australia. The foreground shows a multi-lane highway with a train track running alongside it. The middle ground is dominated by a dense cluster of skyscrapers and modern buildings, including a prominent blue glass tower. A large body of water is visible on the right side of the image. The sky is clear and blue.

Slido Response Overview



Q1: What are the key decarbonisation activities your organisation is working on?

Developing large-scale RE projects (plus 1GW), batteries, wind - for green hydrogen/ammonia, green export industries, policies to underpin	8
Reducing carbon emissions of gas, diesel, fossil fuels through electrification	6
Energy efficiency (optimising performance of existing assets)	5
Reducing carbon emissions of gas/ammonia/hydrogen - CCS	5
Ensuring we document and understand emissions (Scope 1, 2 and 3), knowledge sharing, capacity building, reducing through supply chains	6
Purchasing RE to offset emissions	3
Assisting local governments and communities deal with large scale RE, benefit sharing	3
Demand management, consumer and distributed energy opportunities	2
Decarbonising alumina production	2
Clean energy purchasing power agreements	2
Global supplier of electrolysers	1
Environmental management	1



Q1: What are the key decarbonisation activities your organisation is working on?

We are working to address carbon emissions in our gas interests, through a range of efficiency measures, electrification and Carbon Capture and Storage initiatives

Assisting Local Governments with navigating large scale renewable energy projects (especially when it comes to community benefits and engagement, land use and planning issues).

Sourcing of renewable power to replace gas-based electricity in fixed plant

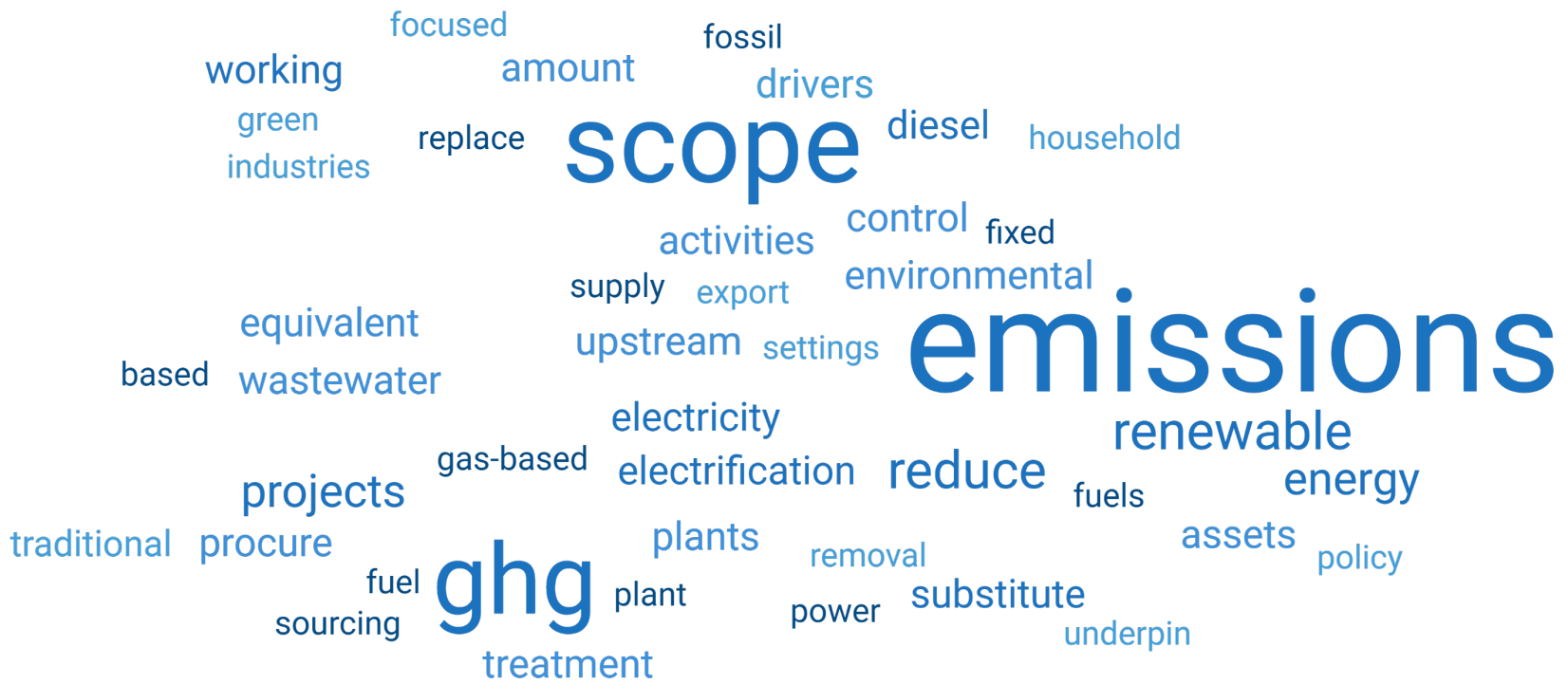
Removal of fossil fuel based diesel through electrification or substitute renewable fuels

Governance approach to environmental, economic and social development challenges and opportunities for regional communities impacted by industrial developments and the transition to renewables.

Optimisation of performance of existing assets to lower emissions



Q1: What are the key decarbonisation activities your organisation is working on?



Q2: What would help enhance or fast-track those activities?

Government support - e.g. Hydrogen Headstart, Future Made in Australia etc. Grant Funding	9
Policy support to level playing field for higher cost to produce low carbon compared to unabated fossil fuels	7
Affordable, available renewable energy generation capacity - grid connected	6
Planning and approvals processes to quickly execute projects, without compromising on best-practice environmental and sustainability standards and cultural heritage, clear regulation	6
Focused Infrastructure - ports, transmission, storage, roads Planning Common User Infrastructure	5
Well linked up collaboration and open communication. Less competition between actors in the ecosystem.	4
Skills development and workforce	4
Assistance in enabling better systems for data collection, methodologies (scope 3) and open access, visibility	4
Local use cases - especially green iron & steel, offtake and demand	3
CCS -how to build support, regulatory frameworks	3
Ongoing region wide communication and stakeholder engagement	3



Q2: What would help enhance or fast-track those activities?

Government support such as the Hydrogen Headstart program and the Hydrogen production tax credit is so important. It's the stacking of these policies with the customers' ability to pay that has potential to get hydrogen investments across the line

It would be interesting to discuss how research, state government and industry could work together to build community support for CCS.

Skills development and availability is another key enabler - particularly for trades, engineering, construction.

Mechanisms to facilitate creation of hubs to maximise efficiencies and eliminate waste (i.e. by-products used by adjacent industries). May include incentives for industries to relocate to make this work. Supply and product transport networks would need to be considered



Q:3 What organisations would make good partners in those activities?

Industry, steel and critical metal plant developers and operators , Ammonia exporters, Supply chain partners to improve efficiency, reservoir and pipeline operators, waste water treatment	10
Government - local, state and federal, EPWA, JTSI, DPIRD, DWER, DPLLH	7
Research Partnerships to invest in technological innovation, CRCs, Universities, Startups	5
Projects of this scale requires efficient, effective, and rapid collaboration, Large scale infrastructure, Timelines	4
First Nations and Traditional Owner Groups	4
Regional Communities, Development Commissions, CCI, LGAs	4
Customers, Low carbon offtakers	4
Philanthropy, Funders, JV Overseas Partners	4
Utilities	3
Ports	2



Q:3 What organisations would make good partners in those activities?

Achieving projects of this scale requires efficient, effective, and rapid collaboration.

Global steel and other heavy emitting industries seeking to decarbonise by offshoring activities to Australia.

We are also working hard with our key suppliers on cost challenges through innovative approaches and delivery models.

We're grateful for the support and knowledge of the Traditional Owners in the regions, of who we've been engaging with and who have helped us understand more about their Country.



Q:3 What organisations would make good partners in those activities?

