

## Singapore-Australia Green Economy Agreement

### Advancing cooperation on voluntary carbon markets

#### Submission from Southern Green Gas Ltd (SGG)<sup>(a)</sup> and Corporate Carbon Group Pty Ltd (CCG)<sup>(b)</sup>

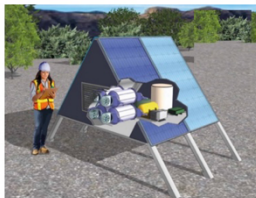
SGG is developing award winning<sup>(c)</sup> solar powered technology for Direct Air Capture of CO<sub>2</sub> (DAC). In collaboration with CCG this technology will be deployed in Australia for Carbon Removal on a gigatonne pa scale.

An opportunity exists for Australia and Singapore to work together to develop this new multi \$billion Carbon Removal industry to enable the countries and corporations of the South East Asian region to meet their net zero by 2050 commitments.

By working together, forward thinking corporations from Australia and Singapore can assist in developing a regional trade in Negative Emission Certificates as part of a large voluntary market focused on pulling CO<sub>2</sub> from the atmosphere.

Early participation in this technology development can lead to the unlocking of potentially millions of tons of Carbon Removal from 2030 onwards. Carbon Removal is the only way of addressing historical emissions as well as current emissions and is a key tool in the serious approach to achieve net zero.

The SGG/CCG collaboration involves deploying (eventually millions) of solar powered DAC units in regional Australia to pull CO<sub>2</sub> from the atmosphere for delivery to nearby geosequestration wells for permanent underground storage at depths approaching 2 km.



Single DAC module



CO<sub>2</sub> Capture Field



CO<sub>2</sub> Injection Well

SGG and CCG are currently planning for the first of these DAC based Carbon Removal projects to be deployed at demonstration scale in regional Australia in early 2023 and would welcome Singaporean Corporate participation in the project.

Such participation would be a “learning by doing” step in which the Singaporean entities would acquire Negative Emission Certificates to offset their own emissions, whilst also preparing to cooperate in developing much larger projects targeting scope 3 emissions for major customers/suppliers throughout the South East Asian region.

The demonstration project will allow Australian and Singaporean parties to cooperate in developing the regulatory and commercial architecture for one of the first projects to be implemented under the recent Article 6 rules as established at COP 26 in Glasgow.

(a) SGG is a technology company with funding support from industry and government :

[www.southernreengas.com.au](http://www.southernreengas.com.au)

(b) CCG is one of Australia’s largest carbon project developers with over 10 years experience:

[www.corporatecarbon.com.au](http://www.corporatecarbon.com.au)

(c) [www.southernreengas.com.au/news](http://www.southernreengas.com.au/news)