



Wide Bay Bioenergy Hub

March 2024



Our Business

One of the largest gas infrastructure businesses in Australia

>2.1m
customers

609 PJ
gas delivered

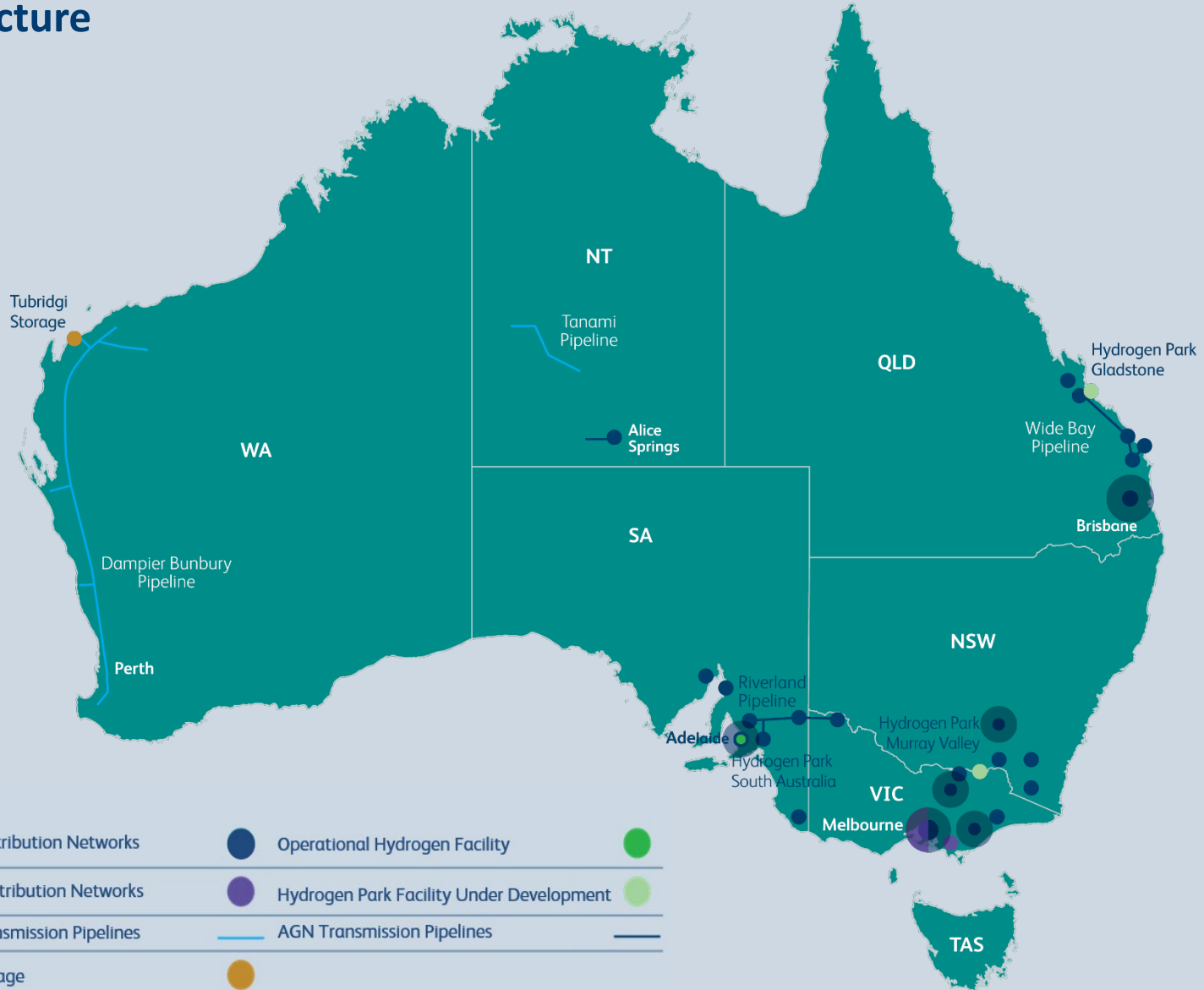
4,317 km
transmission

35,850 km
distribution

60 PJ
gas storage

1.25 MW
electrolysis

As at 31 December 2022



LEGEND

AGN Distribution Networks



Operational Hydrogen Facility



MGN Distribution Networks



Hydrogen Park Facility Under Development



DBP Transmission Pipelines



AGN Transmission Pipelines



Gas Storage



Our Low Carbon Vision

Delivering for customers through the transition, we publicly state our ambition to be net-zero by 2050, with interim Scope 1 and 2 emissions targets

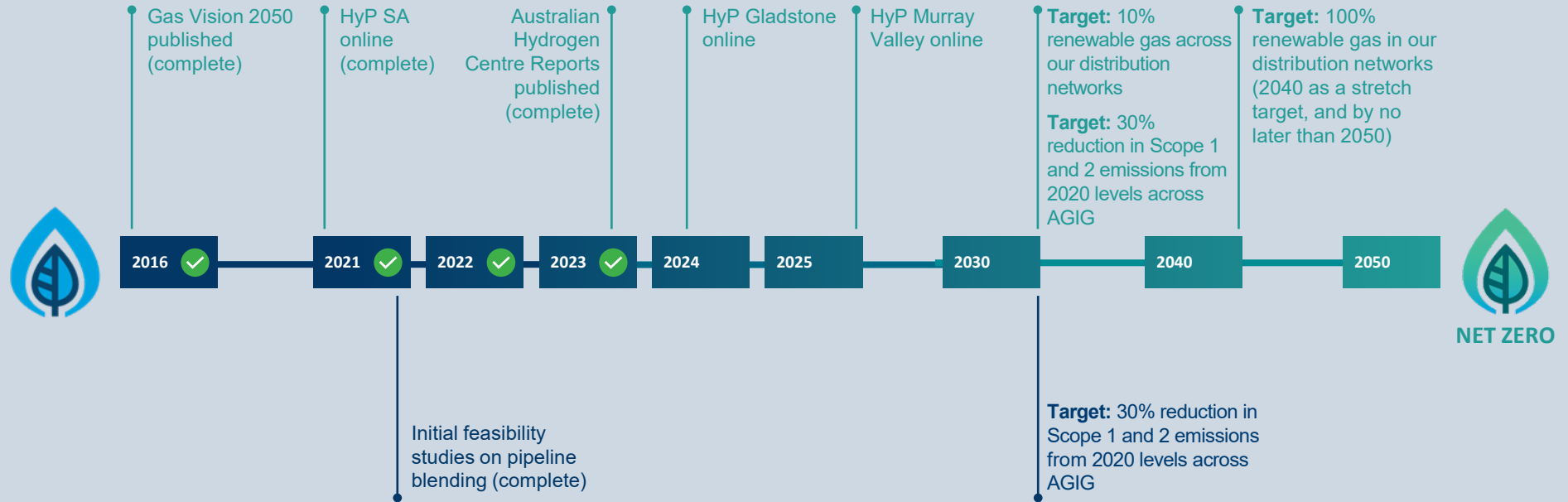
Distribution Assets

100% renewable gas by no later than 2050, and by 2040 as a stretch

Signatories to the:



Reporting performance through our ESG Report:

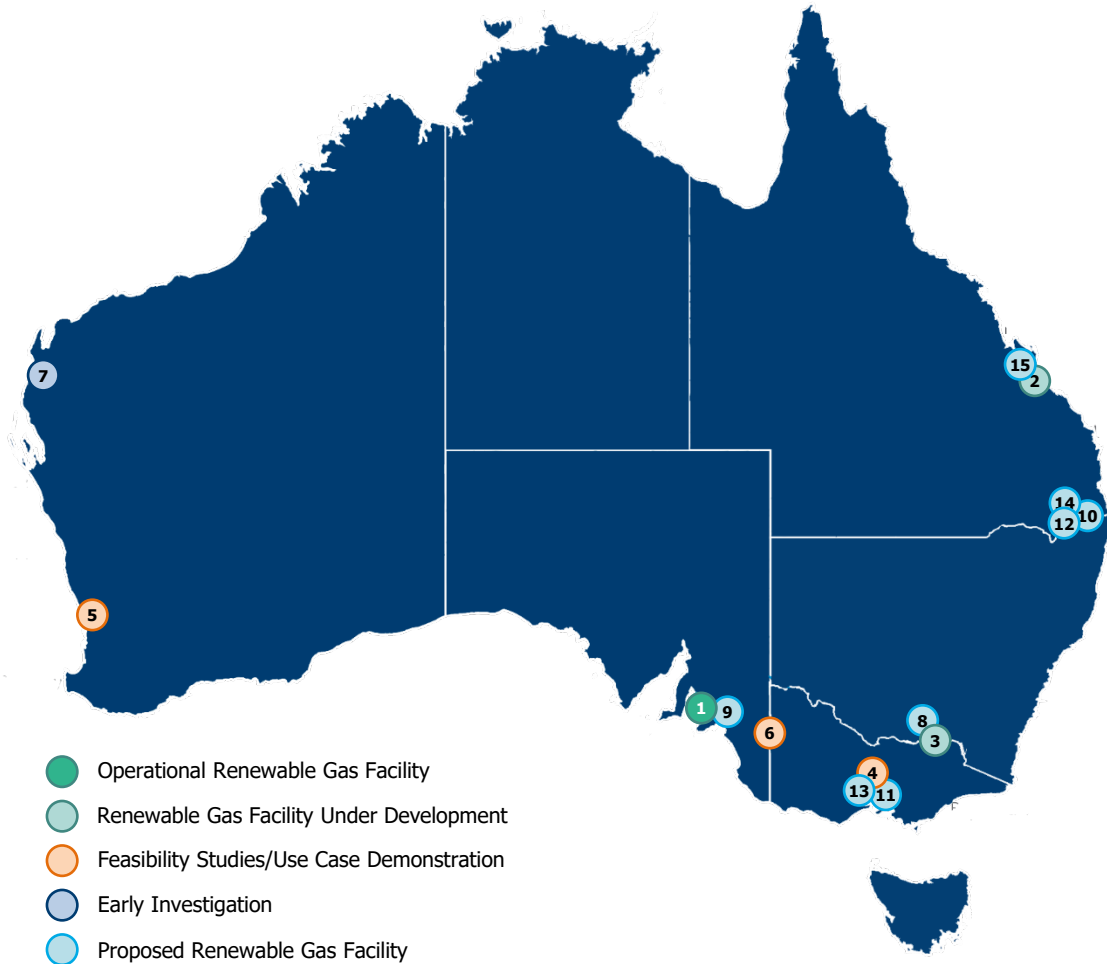


Transmission and Midstream Assets

We will continue developing infrastructure solutions for our customers, targeting net-zero by 2050

AGIG Renewable Gas Projects

To deliver our Vision, and contribute to emissions targets, we are advancing projects across Australia



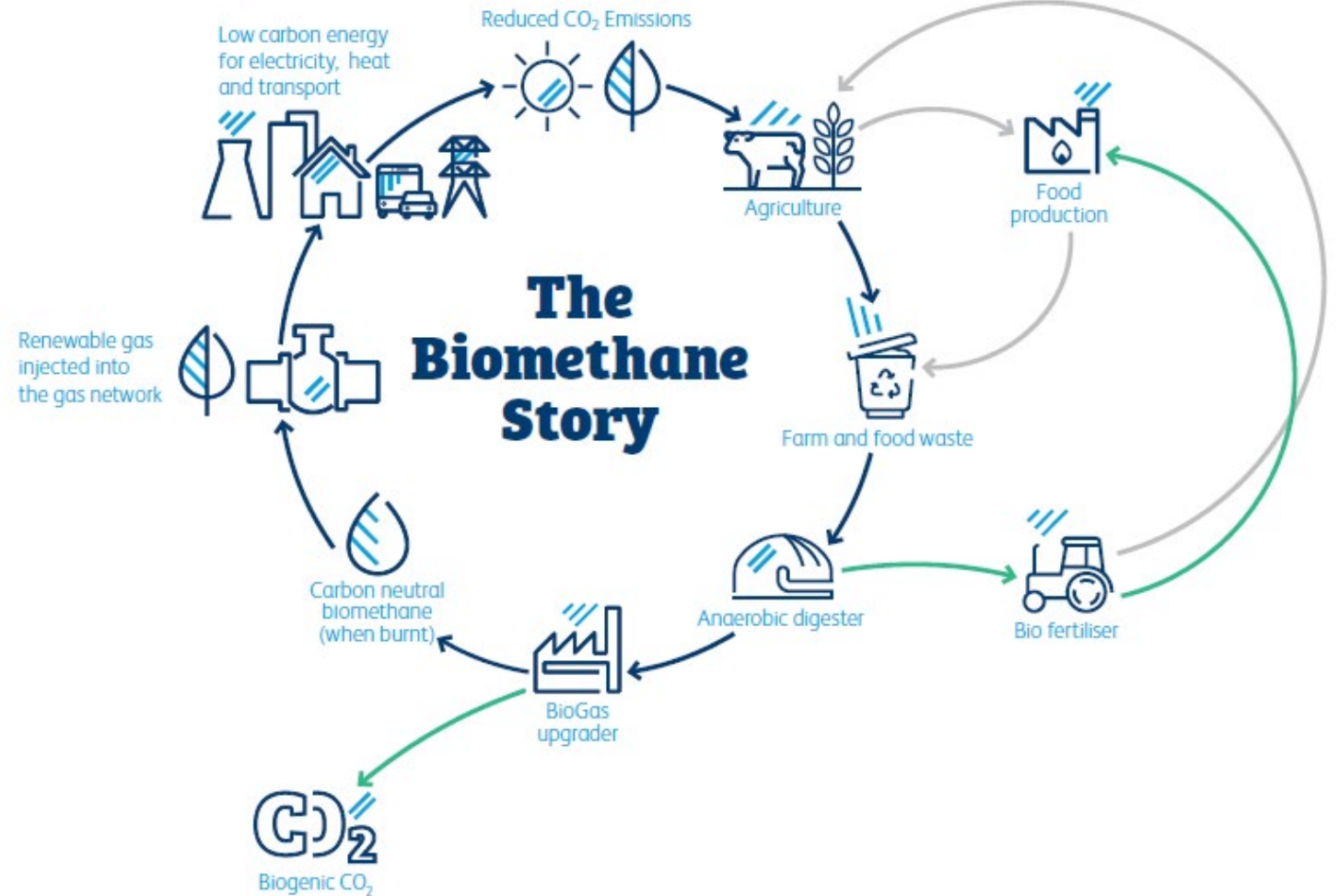
- 1 Hydrogen Park South Australia**
Online May 2021, this 1.25MW electrolyser supplies the local network (4,000 connections) with up to 10% renewable hydrogen as well as supplying 100% renewable hydrogen to industry and mobility.
- 2 Hydrogen Park Gladstone**
Under construction and expected online in 2024, this 0.175MW electrolyser will blend up to 10% hydrogen to the local network (800 connections).
- 3 Hydrogen Park Murray Valley**
Under development and expected online in 2025, this 10MW electrolyser will blend up to 10% hydrogen to the local network (40,000 connections).
- 4 HyHome**
Australia's first home to replace natural gas appliances with hydrogen, delivered in partnership with Dennis Family Homes, Electrolus and Rinnai
- 5 WA Feasibility Study**
Completed in 2021, this study determined how the DBP can introduce hydrogen into its mix. As a result of this study, there is now a clear pathway for declaring a pipeline section as suitable for use with hydrogen/natural gas blends.
- 6 Australian Hydrogen Centre**
A joint industry research centre delivering feasibility studies in South Australia and Victoria for 10% and 100% hydrogen in gas networks and to share Hydrogen Park South Australia learnings. Reports were published in 2023.
- 7 Tubridgi Carbon Capture and Storage**
Investigating the potential for carbon capture and sequestration in the Tubridgi area.
- 8 Hydrogen Park Wagga Wagga**
HyP Wagga Wagga is a proposed 10MW+ facility in the Wagga Wagga Special Activation Precinct.
- 9 Hydrogen Park Adelaide**
HyP Adelaide is a proposed 60MW facility in Adelaide, South Australia.
- 10 Hydrogen Park Brisbane**
HyP Brisbane is a proposed 10MW+ facility on Bulwer Island in Queensland.
- 11 Melbourne Bioenergy Hub**
The Melbourne Bioenergy Hub is a proposed project to generate biomethane, blending into the AGN gas network. Feasibility studies have been completed.
- 12 Brisbane Bioenergy Hub**
The Brisbane Bioenergy Hub is a proposed project to upgrade biogas to biomethane, blending into the Brisbane gas network.
- 13 Landfill Bioenergy Hub**
The Landfill Bioenergy Hub is a proposed project to upgrade landfill gas to biomethane, blending into the local gas network. Early-feasibility studies have commenced.
- 14 Swanbank Bioenergy Hub**
The Swanbank Bioenergy Hub is a proposed project to upgrade landfill gas to biomethane, blending into Ipswich gas network.
- 15 Regional Queensland Bioenergy Hub**
The Regional Queensland Bioenergy Hub is a proposed project to convert agricultural residues to biomethane, blending into the local gas infrastructure.

Biomethane Story

Building on our low carbon vision

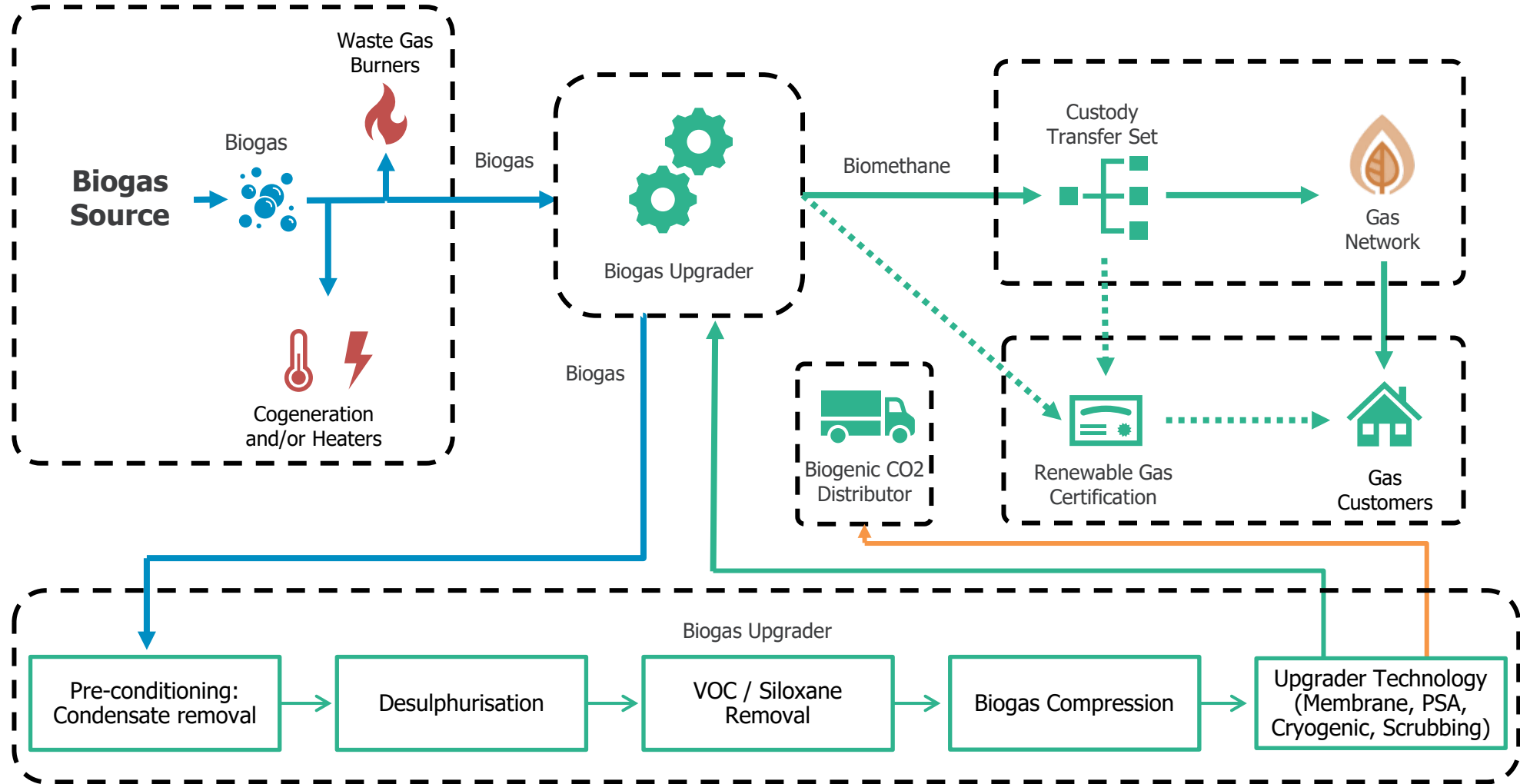
Biomethane:

- Chemically equivalent to Natural Gas
- Promotes circular economy and re-use
- Agricultural opportunities – rotational energy cropping, digestate, compressed bio-CNG for decarbonised transport/equipment
- Digestate can be used as a soil conditioner
- Through the upgrading process biogenic CO₂ is a valuable waste product
- Carbon Neutral Biomethane



Biogas to Biomethane

Example Process





Hydrogen Park
South Australia

SA is
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