



Government of South Australia
Department for Industry,
Innovation and Science



Department for Industry, Innovation and Science

ICN Update

Bettina Venner | 16.08.2023



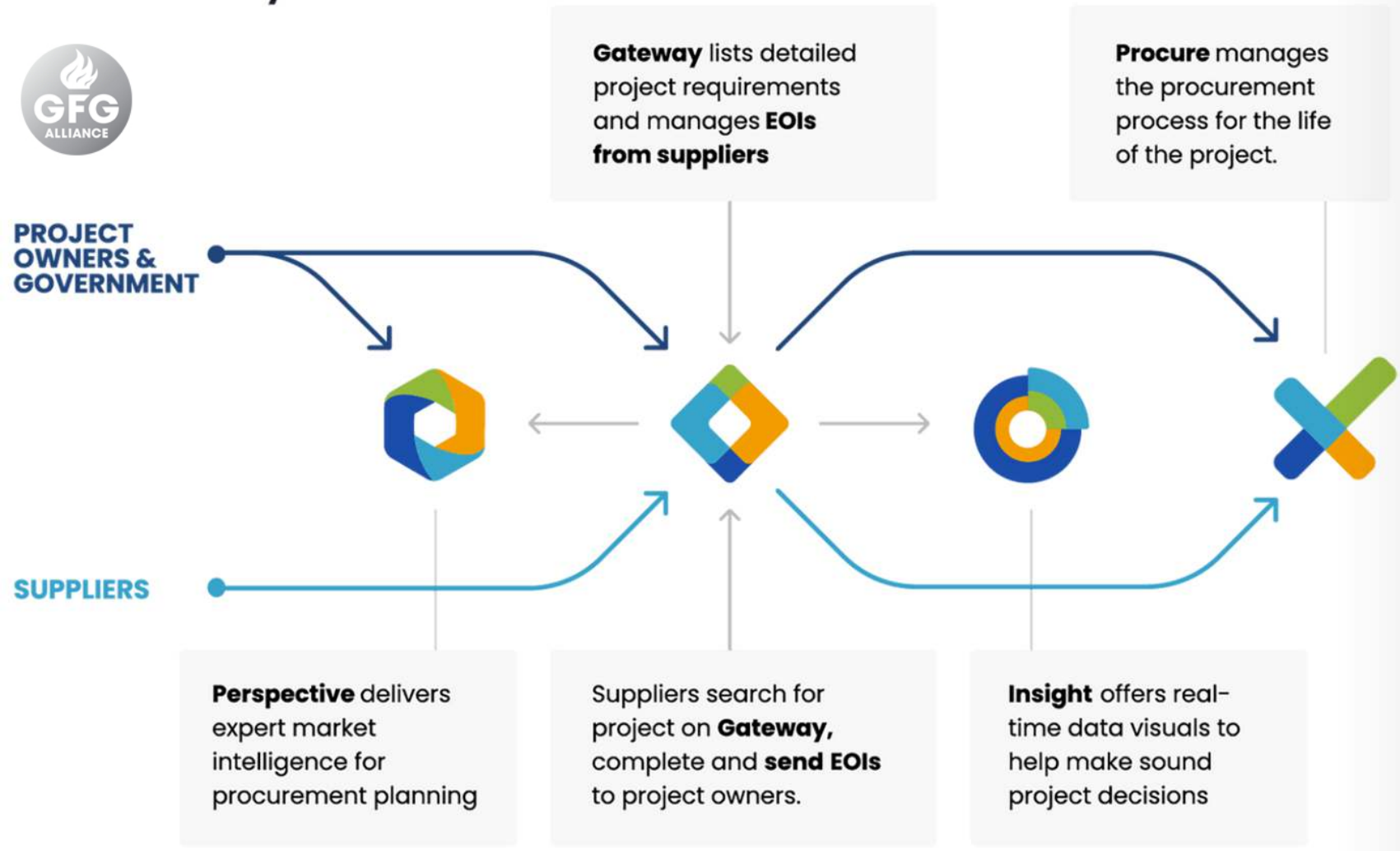
Industry Capability Network (ICN)

Driving economic growth in Australia and New Zealand by supporting local businesses through a trusted

gateway.icn.org.au



The ICN Ecosystem



High level breakdown of hydrogen supply chains

Renewable energy	Hydrogen production	Delivery of hydrogen	Downstream applications of hydrogen	Downstream production of chemicals using hydrogen	General
<i>Wind turbines</i>	<i>Hydrogen electrolyser</i>	<i>Hydrogen pipelines</i>	<i>Hydrogen fuel cell</i>	<i>Production of ammonia including urea fertiliser and explosives</i>	<i>Hydrogen general site works – civil and structural</i>
<i>Solar PV</i>	<i>Steam methane reforming</i>	<i>Hydrogen cylinders</i>	<i>Hydrogen gas turbine</i>	<i>Nitrogen plant</i>	<i>Hydrogen storage</i> <ul style="list-style-type: none"> <i>• surface bulk storage</i> <i>• subsurface storage</i>
<i>Solar thermal</i>	<i>Pressure swing adsorption (PSA) hydrogen recovery</i>	<i>Liquefaction of hydrogen</i>	<i>Hydrogen-ready gas appliances</i>	<i>Production of methylcyclohexane (MCH) and methanol</i>	<i>Recycling and circular economy</i>
<i>Battery storage</i>	<i>Biomass gasification</i>	<i>Port facilities</i>	<i>Transport applications</i>		<i>Process Water</i> <ul style="list-style-type: none"> <i>• water desalination</i>
<i>Electricity market integration</i>	<i>Carbon capture and storage</i>	<i>Hydrogen road and rail tankers</i>	<i>Manufacturing applications eg green steel/cement/copper</i>		<i>Professional services</i>
					<i>Ancillary goods and services</i>

SOUTH AUSTRALIA'S
HYDROGEN INDUSTRY

Supplier Directory



31 March 2023

gateway.icn.org.au



HydrogenSupplyChains.icn.org.au



STATEMENT OF CAPACITY Hydrogen Supply Chain Mapping - South Australia



Contact us

icn.org.au

Booth 30

Email:

info@icnsa.org.au



Government of South Australia
Department for Industry,
Innovation and Science



Industry
Capability
Network

Driving economic growth through our trusted network.

We build powerful procurement and supply chain tools, offer expert advice and support and everything you need to get work and get work done.

