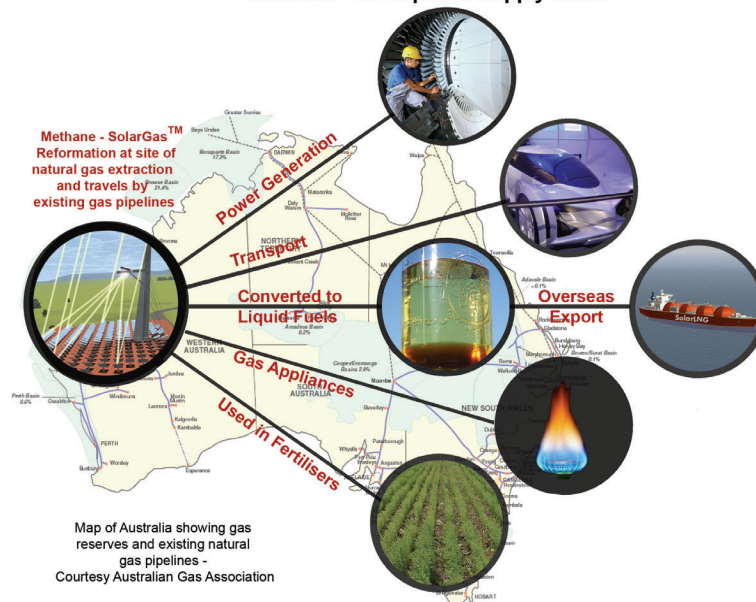


- It suits distributed and centralised power and heat generation - both types of energy generation can be widely employed in Australia. The design adapts to urban environments enabling the technology to be used as a localised generation facility, for example at major shopping centres. Alternatively the solar field could be built in a centralised location in Australia's arid sunny regions at the well-head or anywhere along gas pipelines.
- It is able to produce hydrogen for fuel cell-powered vehicles. The solar array could be constructed in suburban regions where gas is already reticulated (eg carparks) to act as a future hydrogen fuel station for the cars parked within – this reduces the issue of the challenging transport of hydrogen.
- It can produce solar-enriched fuels for Australia's resource processing and other industries. SolarGas™ can act as a building block to liquid fuels such as diesel, methanol and dimethylether and also fertilisers.
- It can provide synthesis gas feed stocks and reducing gases with 25-30% embodied solar energy, for petrochemicals manufacture and metallurgical processing.

SolarGas™ - A Proposed Supply Chain



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