

Hydrogen certification

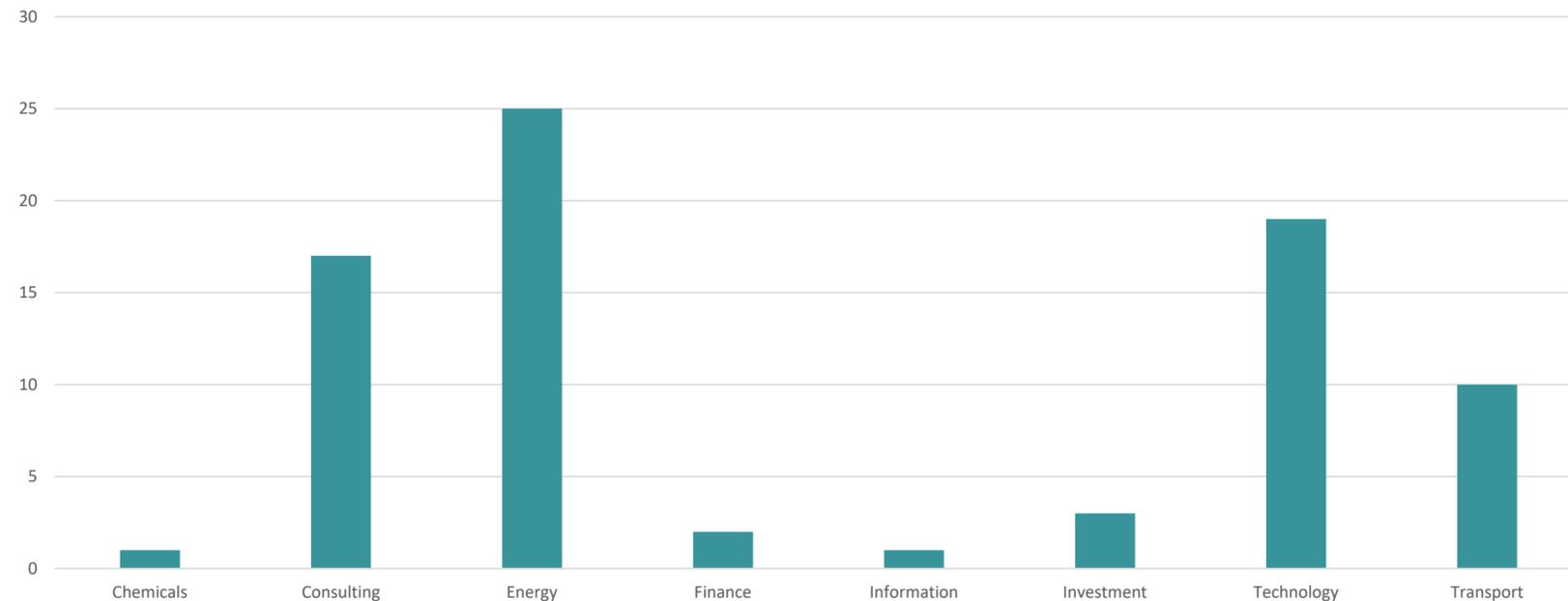
Dr Fiona Simon
CEO, Australian Hydrogen Council

AHC members

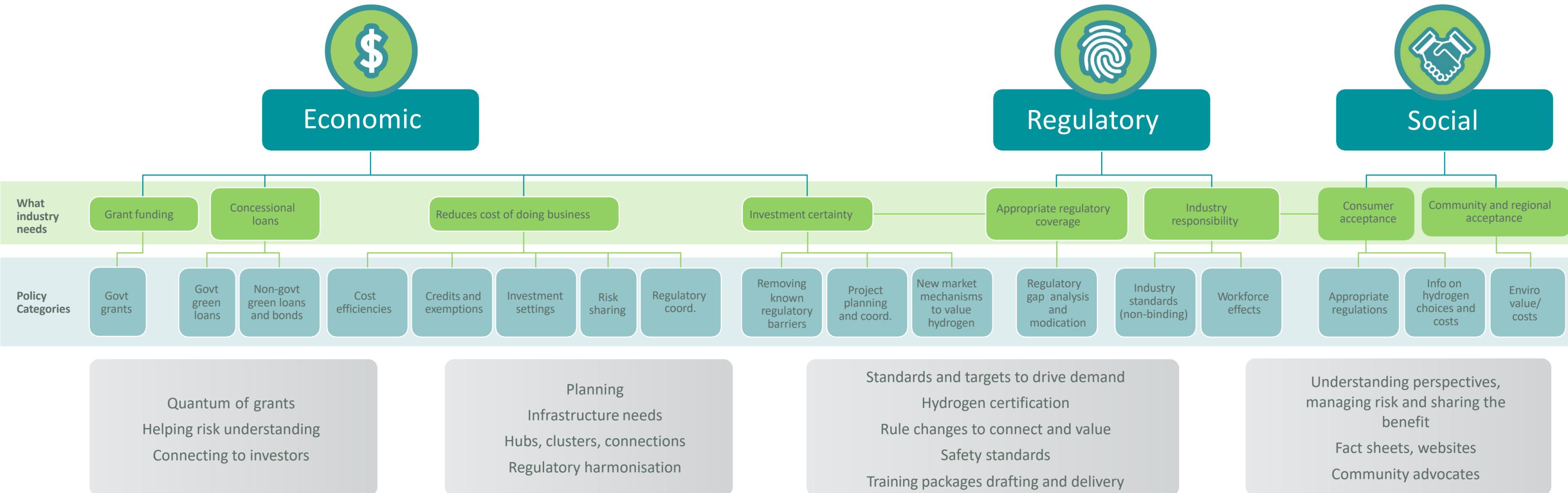
As at August 2021, AHC has 79 members

- All are companies
- Range of sizes and locations
- Highest industry representation is from the energy sector, with other main categories of technology, transport and consulting

AHC members - August 2021



Policy needs



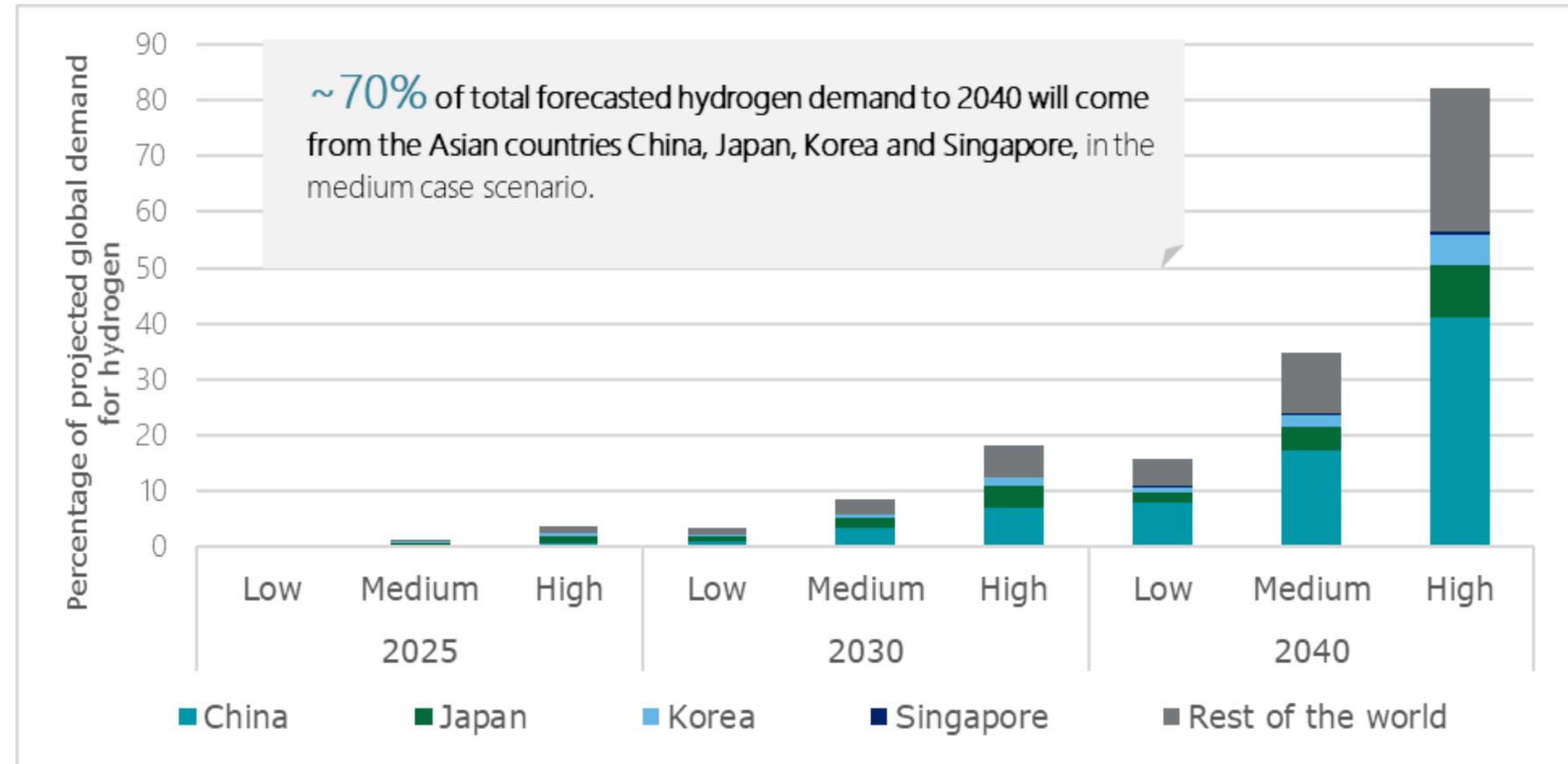
Certification helps us seize opportunity

We have a unique opportunity to service the region's hydrogen needs.

Our trading partners are looking to Australia to be a hydrogen leader

China, Japan, Korea and Singapore all have net zero targets.

They want certainty about the provenance of energy products which they import.

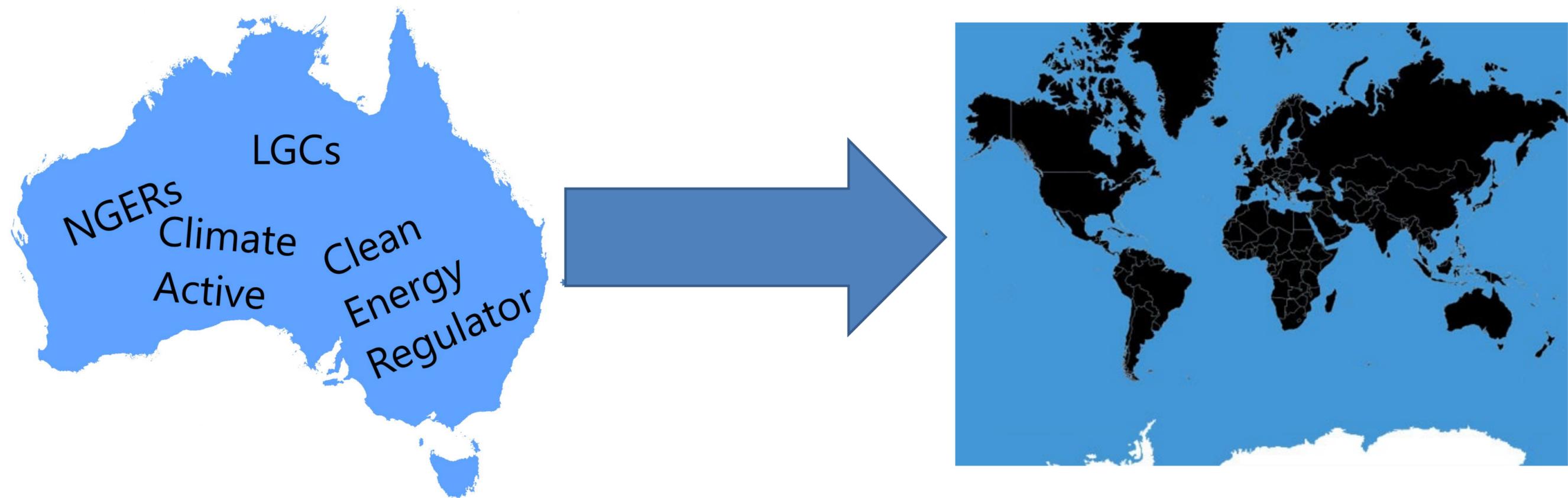


Source: ACIL Allen Consulting, 2018, Opportunities for Australia from Hydrogen Exports

Key principles for a certification scheme

Relies on existing regulatory frameworks in order to maximise ease of use for industry and integration with existing compliance and reporting frameworks; and

Is acceptable to Australia's trading partners.



Australian leadership of global efforts

Australian Government has taken leadership of two streams in the certification work being undertaken by the International Partnership of Hydrogen in the Economy (IPHE)

Released a discussion paper in June 2021

Demonstrated a sound understanding of the needs of industry



AHC support the Australian Government's approach and endorse the Hydrogen Guarantee of Origin (GO) scheme

We urge other certification schemes to align with the Hydrogen GO as it is being developed in consultation with our trading partners and acts as the official scheme for Australia hydrogen products.

Hydrogen GO Approach

Well to gate boundary condition

Initial focus on hydrogen only

Inclusion of key production pathways (electrolysis, coal gasification and SMR)

Administration by a trusted source (Clean Energy Regulator)

Manageable compliance obligations (reporting frequency, materiality thresholds etc)

What's next

Our members are looking forward to working with DISER on trials.

Eagerly awaiting expansion of the scheme to new products and production pathways.

This approach will ensure that there is clarity and simplicity for overseas and domestic customers across a range of energy carriers.

Thank you

For more information:
h2council.com.au