



AHC Working Group 1 notes

25 August 2020, Meeting #3

Agree immediate focus on certification. Commercialisation and funding levers will be the next priority

Other factors

- Domestic vs international (international customers may be the early driver)
- Off the shelf scheme from another country

Where are we aligned?

- Fit for Australian purpose and meets international requirements (so not off the shelf from another country or jurisdiction) (Asia AND Europe)
- Needs to suit producers and consumers
- Need to be able to quantify the embedded carbon emissions

Timing:

- ASAP – get commitment dates to feed into investment decisions – at least definitions by early 2021 – linked to commercial arrangements with customers – in absence of a scheme – hard to commit to prod cost. Customers also need to know if their product is verified before moving forward with projects. Also a roadmap for full certification.
- Timing driven by customers as well
- Australian strategy – wants to spearhead development of an international cert scheme. European strategy – work swiftly... Risk of not getting what we need/want if we don't move quickly – may end up with something else by default – or head off in separate paths.

Scope:

- Don't want to extend existing schemes due to divergence of purpose – start with a MVP for hydrogen certification which builds on existing schemes
- Renewable energy scheme – at retail level not appropriate
- Want to keep it together and eventually input to other industries and sectors
- Apply to end product delivered – easy to include NH₃, LH₂ as MVP, others can be added later (how do we include / align with blended gas)

- Progress over perfection
- Scope 1 and 2, not Scope 3 to align with NGERs (in this instance, excluding scope 3 would exclude shipping)
- To initially include Ammonia and Liquid H₂

Definitions

- Renewable vs non-renewable plus carbon intensity
- Include water sustainability assessment (especially when exported) – **Felicity to share**

Where are we not aligned and do we understand why and what's causing that?

Definitions

- Carbon intensity alone vs feedstock PLUS carbon intensity
- Questions re carbon accounting – CCS, offsets, safeguard mechanism, ACCU – **Diana to share**
- Offsets – transition vs engineering solution vs CCUS / carbon utilisation

Scheme

- Actual scheme / platform at this stage

Scope

- Application to green gas scheme rather than single overarching scheme (covering green gas, bio methane, blended gas products (input vs output))