



# Stakeholder Advisory Council

June 2023



# Agenda

9am – Arrive, acknowledgement of country and welcome, safety share

9.05am – introduce new members and guests

9-10am – Reflections on yesterday's tour and Kogan Energy hub discussion

10am – 10:15am – break for morning tea

10.15am – 11:15am – White space

11:15am – 11:30am – Energy Charter

11:30 – 11:45am – RAP

11:45 – 12pm – Next steps



# Introductions



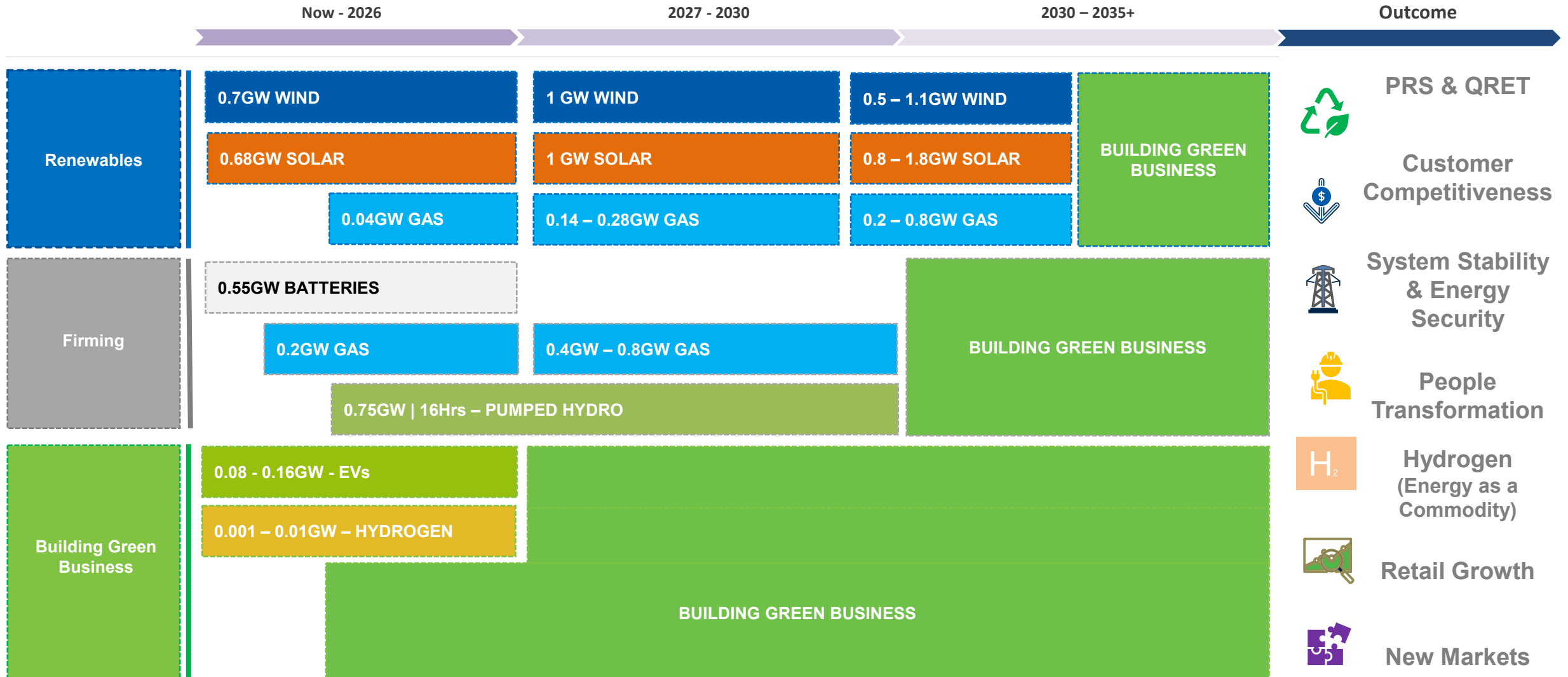









# Kogan Creek Energy Hub



# Future Energy Development Strategy







*A roadmap to transform to a more flexible and diversified energy portfolio*

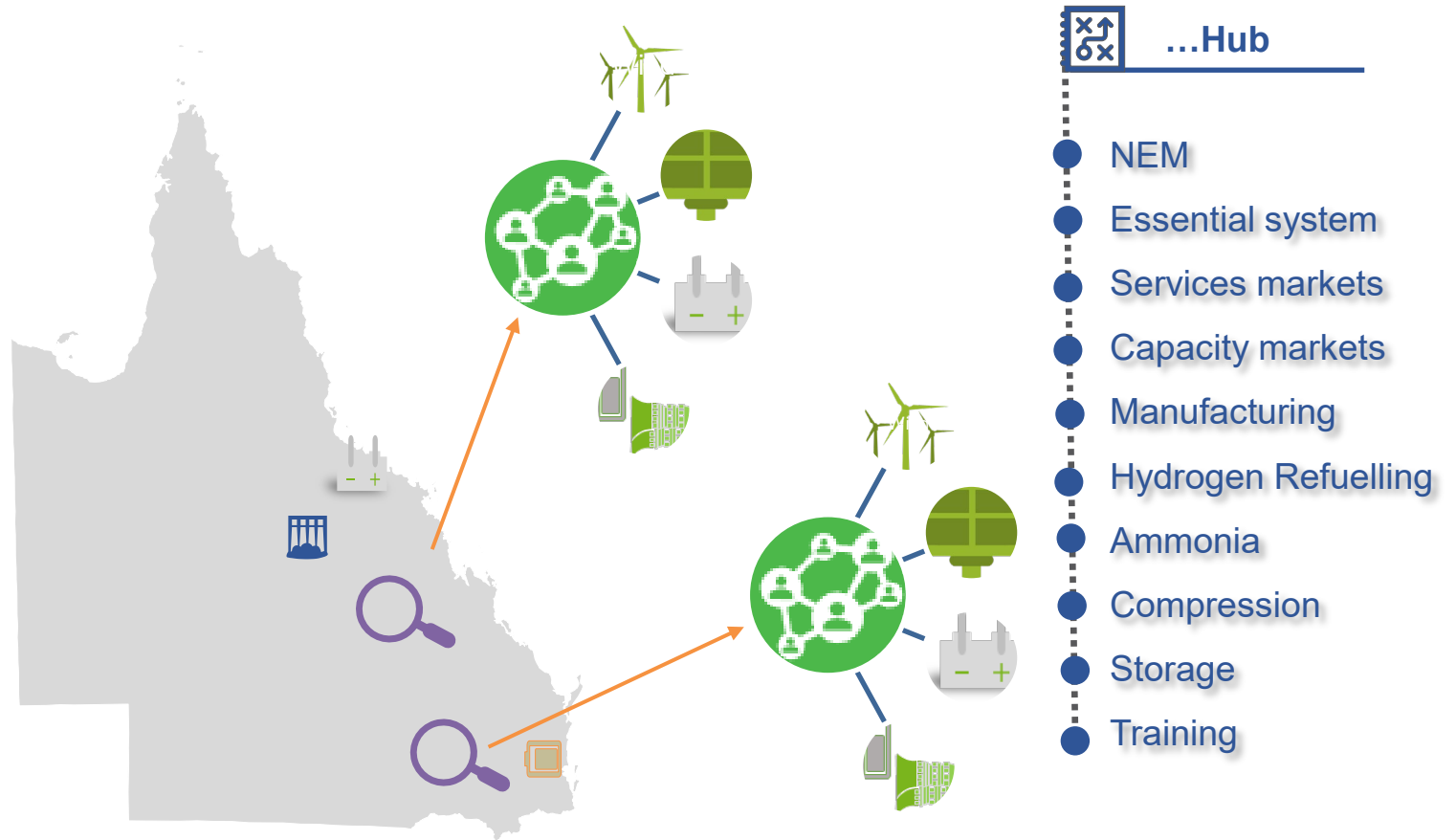


-  PRS & QRET
-  Customer Competitiveness
-  System Stability & Energy Security
-  People Transformation
-  Hydrogen (Energy as a Commodity)
-  Retail Growth
-  New Markets

# Energy hubs key to energy transformation

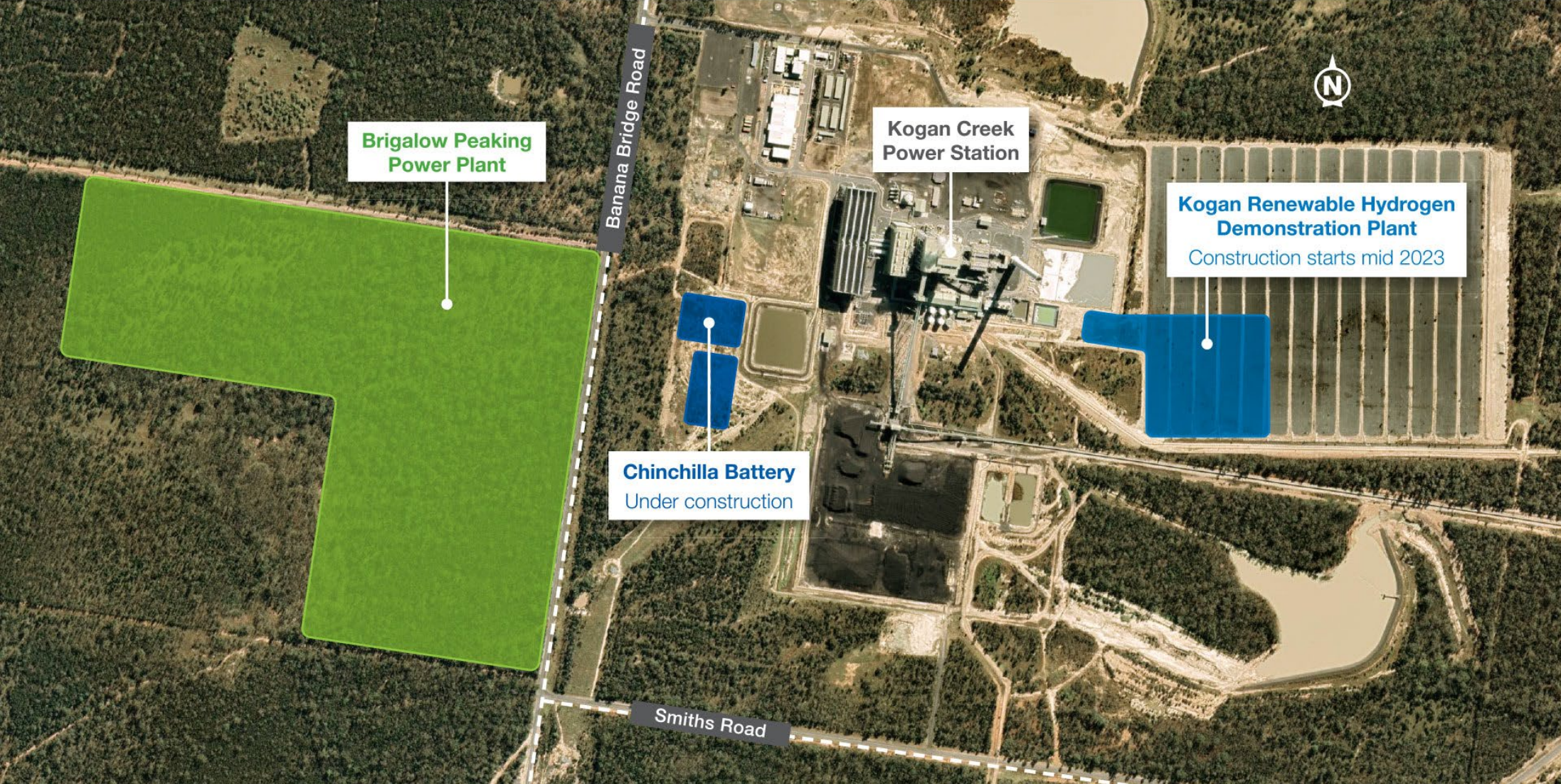
*CS Energy is focussed on developing energy hubs around existing & new sites*

-  **Strong community relationships**
-  **Highly skilled workers + QE&JP worker guarantee**
-  **Water allocations**
-  **Large amounts of land**
-  **Excellent connection infrastructure**
-  **Environmental and other development approvals**





# Kogan Energy Hub





# Kogan Creek Energy Hub



## South West Queensland

### Kogan Creek Power Station

- ❖ 1 x 750 MW coal-fired unit – largest single unit in the NEM
- ❖ 100% CS Energy owned
- ❖ Commissioned in 2007
- ❖ One of the newest and most efficient coal-fired plants in Australia
- ❖ Supercritical plant

### Chinchilla Battery

- ❖ 100 MW / 200 MWh Tesla Battery
- ❖ 100% CS Energy owned
- ❖ Commissioning in 2023
- ❖ Megapack 2.0
- ❖ LFP Technology

### Kogan Creek Renewable Demonstration Plant

- ❖ Hydrogen electrolyser: ~1 MW
- ❖ Solar farm: 2 MW
- ❖ Battery: 2 MW / 4 MWh
- ❖ Hydrogen fuel cell: 30 kW
- ❖ Onsite hydrogen storage: Approx. 750kg
- ❖ Annual hydrogen production: Approx. 75,000 kg per year
- ❖ 100% CS Energy owned
- ❖ Commissioning in 2023

### Brigalow Peaking Power Station

- ❖ Multiple units ~200MW
- ❖ COD expected in 2025
- ❖ Hydrogen Capable Turbines
- ❖ Aero-derivative
- ❖ Feasibility study on Hydrogen Production Project to supply at 30%, 50% and 100% to occur in parallel
- ❖ Indicative electrolyser size of 100 – 150MW

### Other Assets

- ❖ Integrated Hydrogen Refuelling Network
- ❖ Various regional wind assets under investigation
- ❖ Various regional solar assets under investigation
- ❖ Hydrogen derivatives
- ❖ Synchronous Condensers



# Callide Energy Hub



## Central Queensland

### Callide B Power Station

1,510 MW coal-fired power station

- ❖ **Callide B:**
  - 2 x 350 MW units
  - 100% CS Energy owned
  - Commissioned in 1988
- ❖ **Callide C:**
  - 1 x 420 MW unit 1 x 405 MW unit
  - 50/50 JV with Genuity
  - Supercritical plant, commissioned in 2001

### CQ Battery

- ❖ 100% CS Energy owned
- ❖ Forecast 2025/27

### Hydrogen

- ❖ Feasibility study on a Callide Hydrogen Production Project
- ❖ Concept study for Hydrogen / Ammonia to support export market

### CQ Peaking Power Station

- ❖ Feasibility study on a CQ Peaking Power Station
- ❖ Forecast 2027/28

### Other Assets

- ❖ 700MW Wind 2026
  - ❖ Banana Range Wind Farm
  - ❖ Boulder Creek Wind Farm
- ❖ Expansion of Integrated Hydrogen Refuelling Network
- ❖ Concept study for Hydrogen at scale to support export market

# White space



**What questions do you have for us?**

**What do you want to talk about next time we meet?**

**Energy prices are in the news. What should we be doing differently or better to communicate our contribution on electricity prices to customers and the community?**





# Our updates





# Energy Charter Disclosure Report – our Focus areas



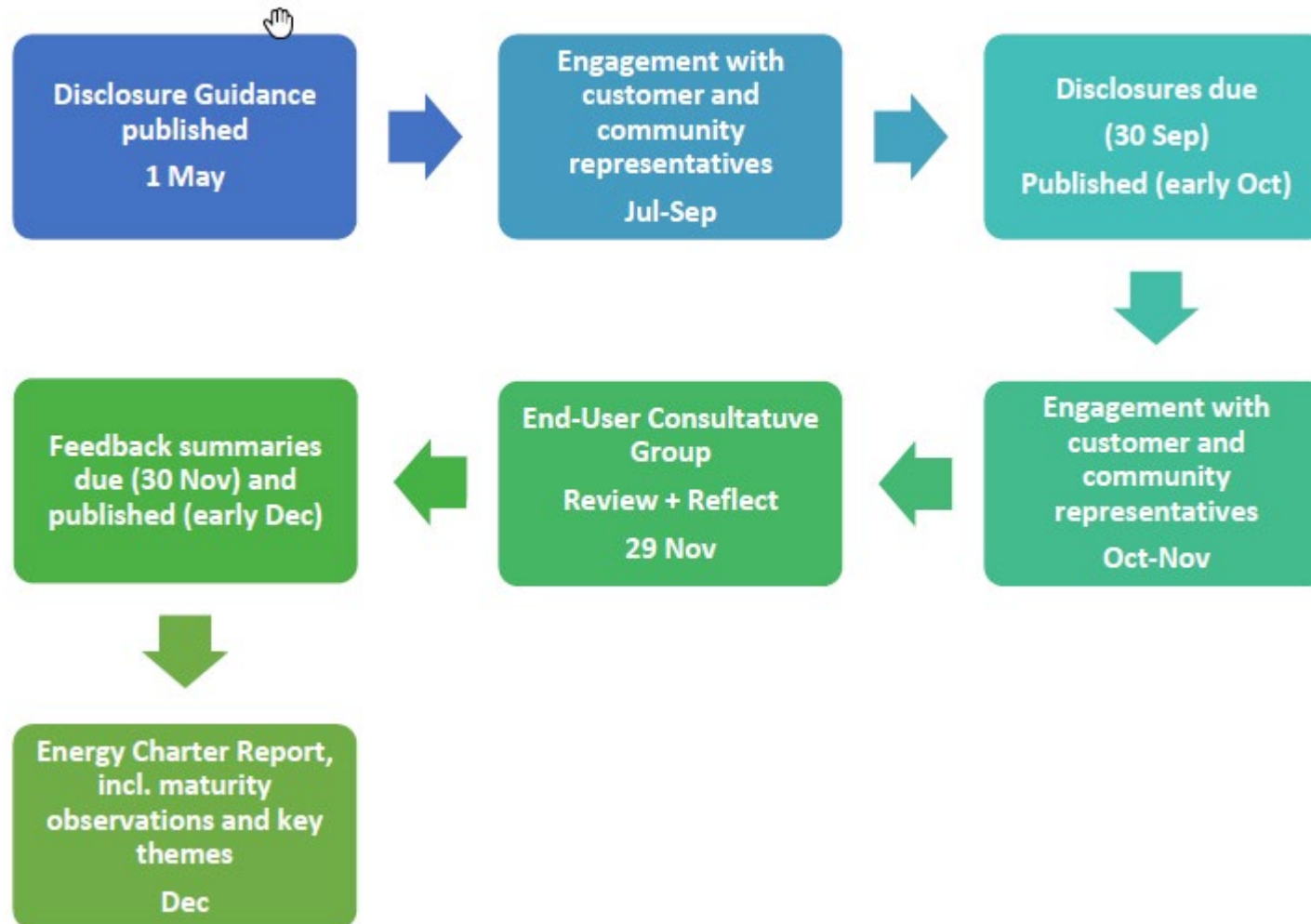
- Improving reliability and safety
- Head of customer and retail
- Diversification opportunities
- Responding to C4 incident
- Clean energy hubs
- Respond to retail customer survey
- Develop our first RAP
- Develop our own stakeholder council





# Involving you in Energy Charter Disclosure

## 2023 Accountability Process



- Engaging with you before and after we publish the report – **how do you want us to engage with you?**
- Constructive feedback from customer and community representatives and other stakeholders on where we can do better moving forward.



# **RAP Project Update**







# Mapping feedback to RAP



## Feedback

Year 1 full on in terms of delivering in a short space of time.



## RAP action

Provide appropriate support for effective implementation of RAP commitments.



## RAP deliverable

Define resource needs.  
Engage senior leaders in delivery.  
Appoint a senior leader as champion (Leigh Amos).  
Define systems to track and report.

## FEEDBACK — VISI

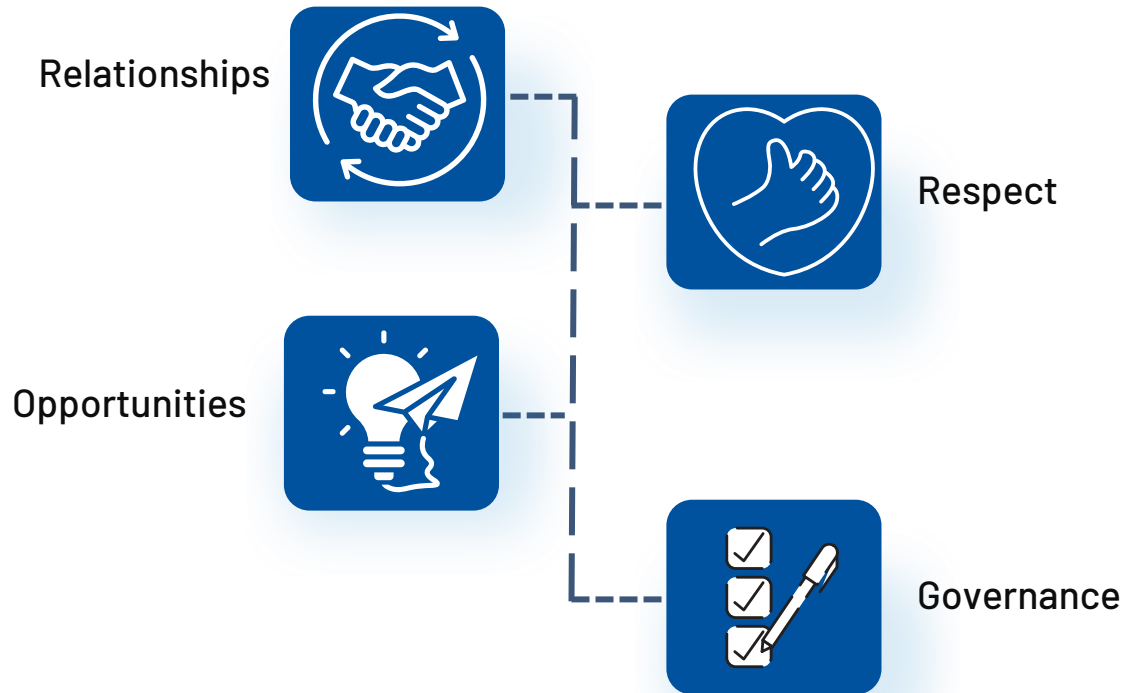
- More Action Words
  - Instead of We are seeking ÷ Committed
- Great Statement for I + D, not need
- Preserving Language
- History of Indigenous / TSI
- Change of Order to RAP.
- Culturally safe & welcoming.
- Action Focus, Include some actions w

# Deliverables mapped against framework

## Example action

### Establish mutually beneficial relationships by:

- Identifying organisations or individuals of influence in our local sphere  
**By September 2023**
- Research best practice and principles that support Aboriginal and Torres Strait Islander stakeholders and organisations  
**By December 2023**





# Board Approval – 28 April



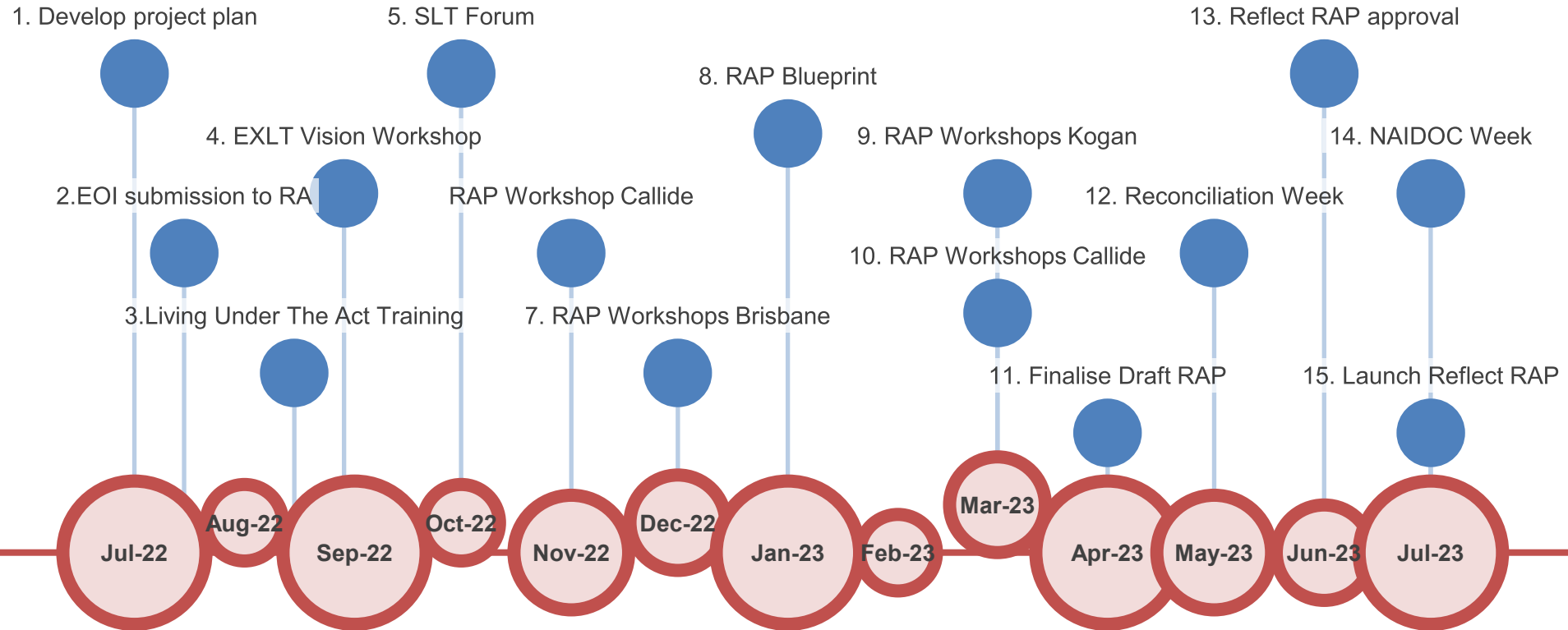
# Charlie Chambers Jnr





# RAP Project Plan

## CS Energy Path to Reflect RAP



Bubble Chart Timeline Template © 2017 by Vertex42.com

# CS Energy Indigenous Scholarships – 26 April





# TSBE Indigenous Business Connector



# Mandana Pty Ltd – Peter Jackson





# Next steps

