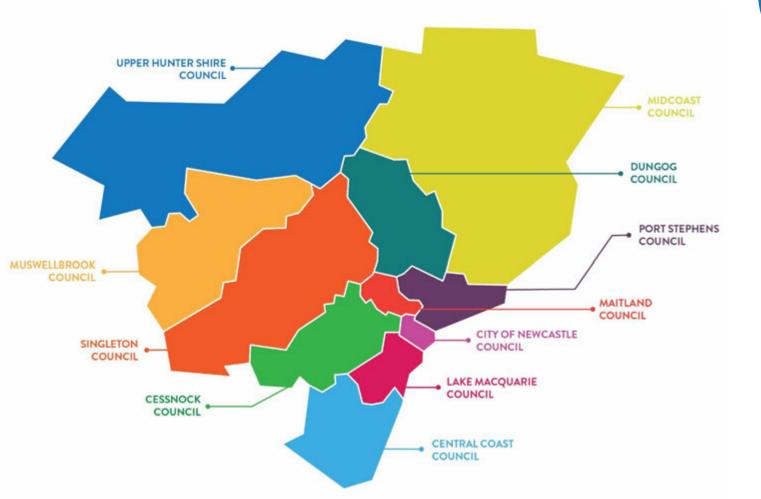


Circular Economy Precincts and Futures Hub 12 months on – an update

Australian Bioeconomy Conference September 2024

# **Our Member Councils**

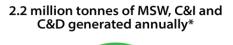


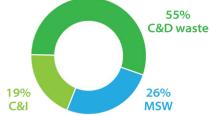
HUNTER JOINT ORG.

### **Our region's challenge and opportunity**







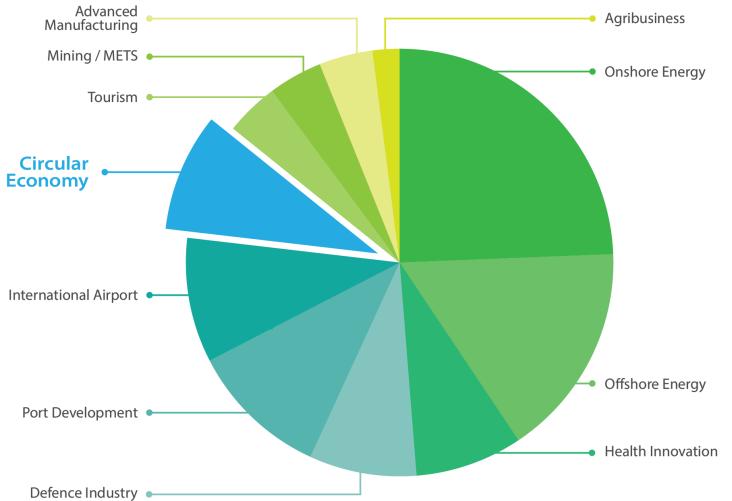


### **Economic Evolution (imagined)**















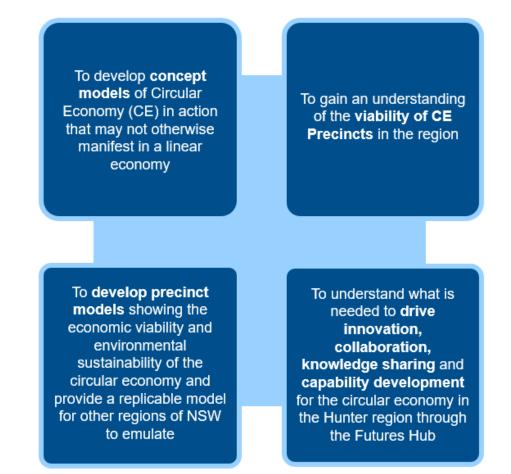
## **Circular Economy Precincts and Futures Hub**

#### **Purpose**

To investigate the circular economy at an industrial scale in the Hunter and Central Coast to assist the economic and net-zero evolution of the region.

#### **Deliverables**

- 4x CE Precinct Concept Plans
- CE Futures Hub Strategy and Concept design
- Business Case
- Communications pitch video



#### **Project objectives**

### **Business Case**

Delivered in NSW Govt.'s simplified business case template (required by BCSD Fund).

GHD could not monetise the benefits directly associated with the Precincts and Hub at this stage, total potential impacts of CE to the region include:

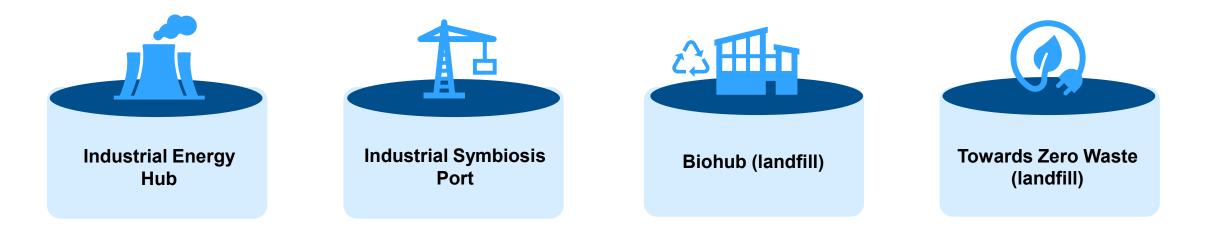
- Diverting 80% of the Hunter and Central Coast Region's waste from landfill could result in an additional 1,020 jobs.
- The potential economic value of CE to the Hunter and Central Coast Region is estimated to be in the order of \$1.1 billion.
- Economic diversity, environmental benefits, and supporting State and National goals are among other benefits.

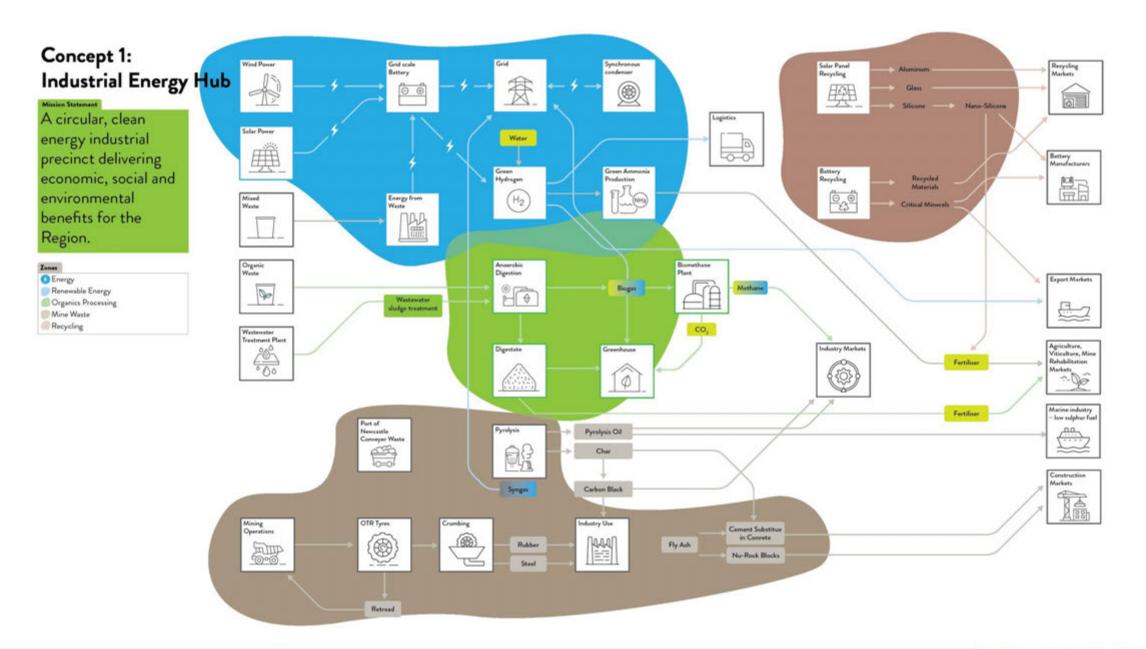


## **Circular Economy Precincts Concept Plans**

The Precinct Concept Plans scope four potential precincts in the region, and looked at:

- sites,
- resources,
- stakeholders,
- potential technologies,
- and market features.





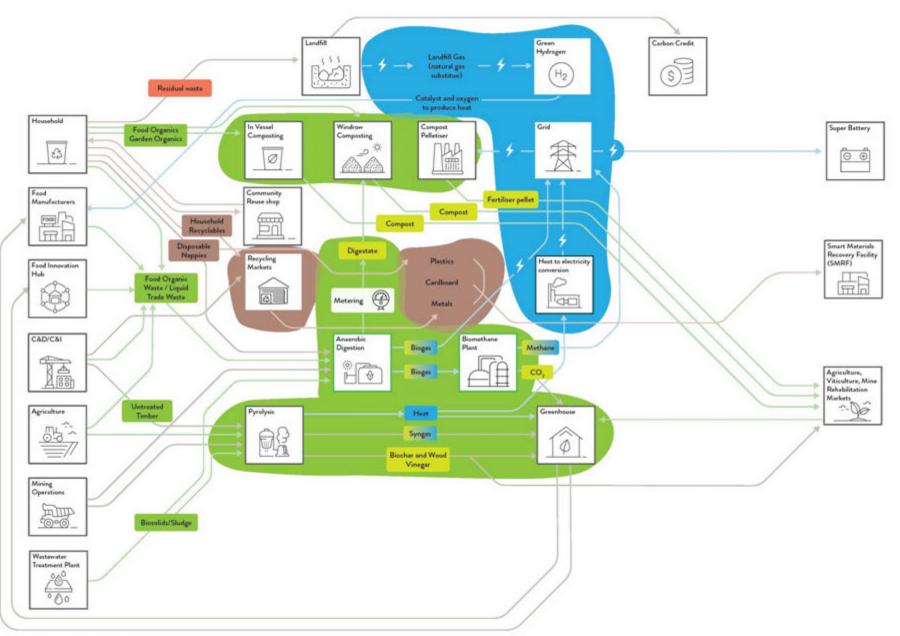
#### Concept 2: Biohub

Mission Statement

Showcase resource recovery technologies to develop a regional BioHub, that halves organic waste to landfill and circulates resources in the local economy.

#### Zones Energy

Renewable Energy
Organics Processing
Recycling



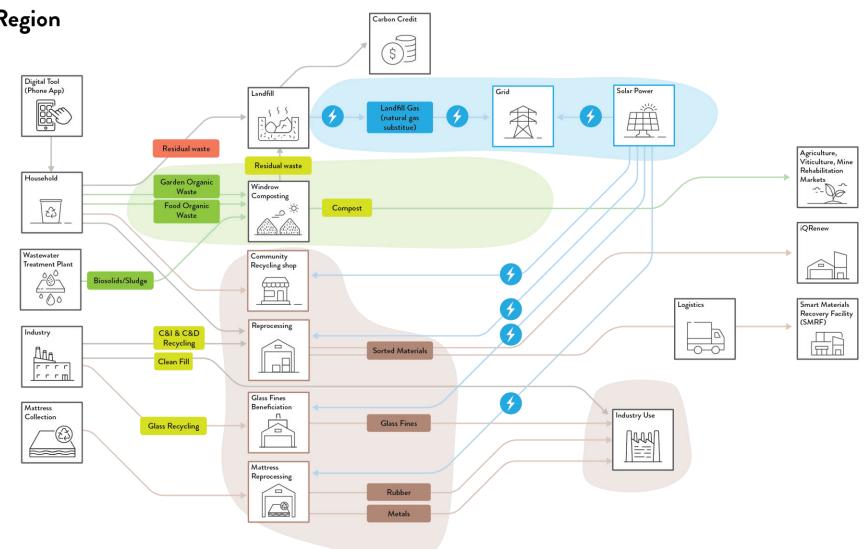
#### Concept 3: Towards Zero Waste Region

Towards a zero waste Region by integrating circular practices and technologies, to reduce resource consumption, and increase resource recovery through reuse, repurposing and recycling creating sustainable economic growth.

#### Zones S Energy Renewable Energy Organics Processing

**Mission Statement** 

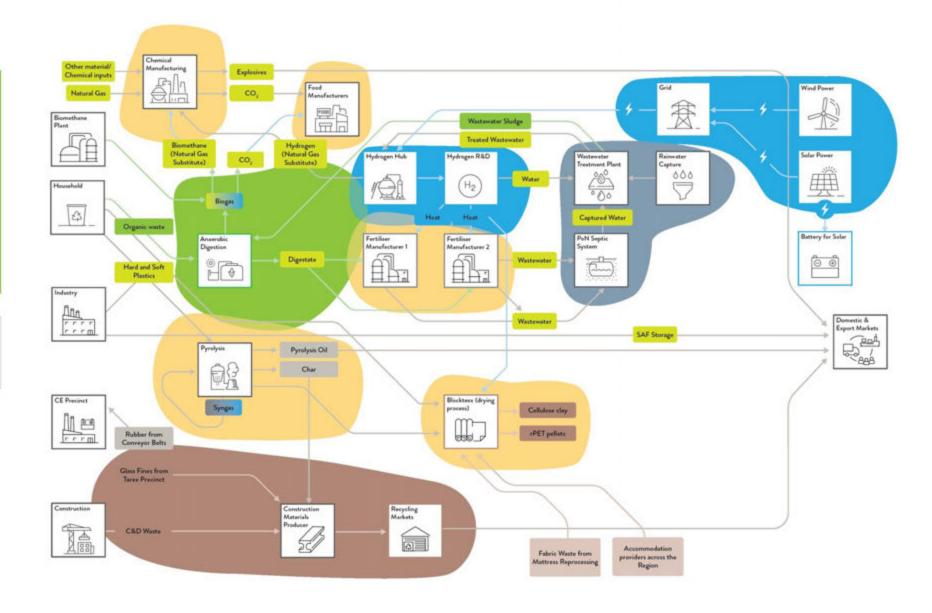
Recycling



#### Concept 4: Industrial Port

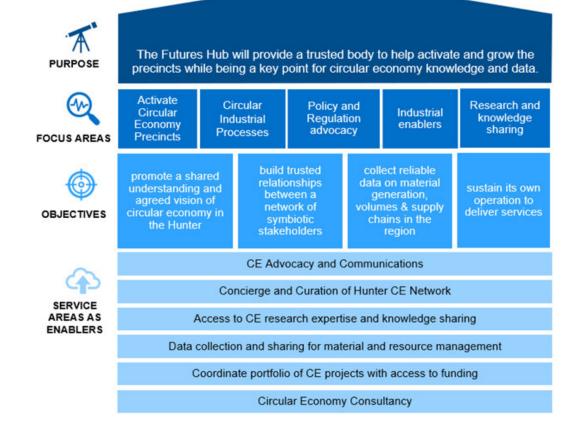
Minimises Statement Develop an industrial symbiosis precinct within the port that maximises resource efficiency and inter-organisational collaboration to show that by-products from one organisation can be used as an input to another.





### **Circular Economy Futures Hub**

"The Circular Economy Futures Hub will provide a trusted body to help activate and grow the precincts while being a key point for circular economy knowledge and data."



#### **CE Futures Hub Strategic focus areas**

### **Proposed Services of the Futures Hub**



#### Tasks

1. Rank the proposed services in priority order

### **Implementation Pathway**



### **Current challenges**

#### **Greater buy-in**

Need for deeper and broader engagement with stakeholders

# Limited in-house resourcing

To facilitate engagement and collaboration processes

#### **Timing of grants**

Ability to be in a position to apply for known funding rounds e.g. RPPP

### **Questions for you**

- What is your level of enthusiasm for being involved in progressing the CE Futures Hub concept?
- **?** What is the likelihood of success? What are we missing?

### **Questions for me?**



### Get in touch

**Tim Askew** Director of Programs

www.huntercircular.com.au