The Department of
State Development, Infrastructure, Local Government and Planning

Resource Recovery Precinct Planning

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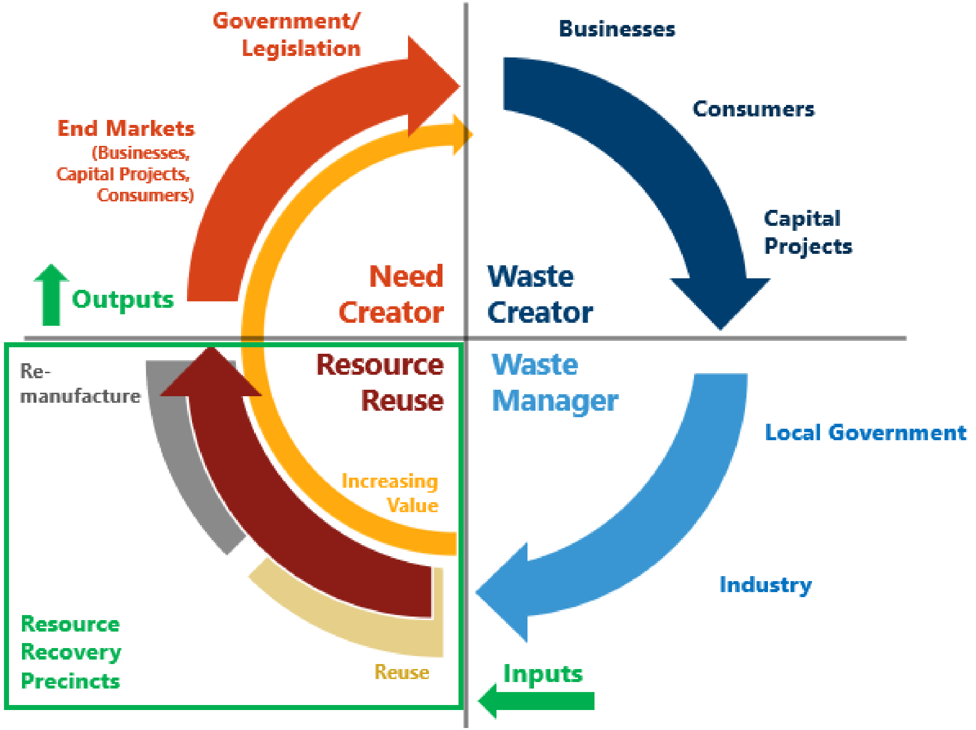
State Development

Queensland Government

Resource Recovery Precinct Planning

- Guiding principles
- Location objectives
- Development objectives



Precinct Planning - Stakeholder Engagement Approach

Purpose of Stakeholder Engagement

- Gaining information to strengthen guidelines and location strategies.
- Keeping key stakeholders engaged throughout the process to generate feedback and alignment wherever possible/appropriate

Stakeholders Engaged in Phase 1

- Peak Industry Bodies – External Industry Perspective
  - WRIQ, WMRR, ACOR
- Industry – External Industry / Investor Perspective
  - Resource Co, Remondis, Veolia, Coex, Phoenix, Disruptive Packaging, Visy, Cleanaway
- Local Government – External Government / Land Fill / MRF Operator Perspective
  - Townsville City Council, Sunshine Coast Council, Rockhampton Regional Council, Scenic Rim, Ipswich City Council
- Queensland Government Agencies

Phase 2 – Validation

- External reference group of key industry and local government representatives – meets monthly
- Internal reference Group of DSDILGP (Planning, EDQ, CG) and DES officers to validate and test progress – fortnightly

Regional Focus Groups

Initial regional focus group

- Townsville – was held on 2 June 2022

August regional focus groups

- Bundaberg 3rd / Gladstone 4th / Mackay 5th
- Toowoomba 8th / Cairns 12th
- SEQ and Greater Brisbane 17th

Emerging Trends from Engagement

Drivers and Issues

- Waste positioning v industrial / manufacturing positioning
- Creating new industries should be focus - not just solving landfill challenges
- Precincts are enablers of circular economy
- Waste levy has been a driver for behaviour change
- Focus of much thinking to date is on reduction to landfill, not remanufacturing opportunities
- Risk in focusing on recycling without end markets is creation of stockpiles
- Education will be important to change behaviour
- Building social license by industry is critical
- Energy from waste poses particular challenges and opportunities

- SEQ and rest of Queensland have different issues
  - SEQ is about volume and location
  - Rest of Queensland is about commerciality

Waste streams

- Council focus is on MSW and levy change impacts
- Organics is a particular focus for councils
- C&D has more reuse opportunities now but probably not value adding as much as it could be at this stage
- C&I appears to have less focus and more opportunities
- Plastics (especially soft plastics) is an area of interest – less remanufacturing at present
- Tyres, textiles and e-waste present particular issues

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Emerging Trends from Engagement

Participants

- Supportive of the approach
- Recognition industry is maturing
- Degree of industry growth already exists
- No clear view on market failure
- Looking for Government to have a State-wide view
- Various views on the role for government – from driver of markets through procurement, to facilitator, to doer
- Having end markets and creating end markets is critical
- Confidence and certainty is important for investment
    - Looking for certainty from Government: approvals and policy positions
    - Looking for commercial certainty: feedstock and offtake agreements

- Major industry participants are likely to continue to use vertically integrated operations
- Smaller industry participants see benefits in being co-located with supply chains
- Precincts will likely still be good industrial land
- Precincts should be close to the waste source for initial processing
- Build off investments in infrastructure
- Transport costs are material to investment decisions and commerciality
- Road access critical, rail and port access less so
- Buffering and encroachment will be important to resolve
- Different types of precincts for different places
- Hub and spoke models may be needed
- Like guidance not prescription

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Important issues

Overall

- Understanding and responding to regional needs – link with Regional Waste Management Plans
- We heard strong support for regionally based hub and spoke models – understanding how to make this work in a range of locations and across different waste types
- Understanding transport economics across a range of waste streams (road, rail, port)
- Leveraging existing and planned facilities
- Responding to need for Energy from Waste facilities in the future
- Respecting community sentiment towards certain types of facilities and how this will relate to precincts

Thank you