**Waste 2017 Abstract Submission**

**Rebuilding a MRF without missing a beat**

*My presentation is relevant to the following topic area(s).*

🞎 Circular economy 🞎 Overseas experiences

🞎 Collection (inc MUD’s, transient population areas) 🞎 Problem/Hazardous waste (inc asbestos, clinical &

🞎 Container Deposit Schemes medical, ocean plastics, paint, tyres etc)

🞎 Economics (inc business cases, data gathering, 🞎 Product Stewardship

monitoring performance) 🞎 Regional issues

🞎 Education (inc community engagement) ✓ Recycling (inc CRC’s, collection)

🞎 E-Waste 🞎 Regulations and levies

🞎 Grants (outcomes and processes) 🞎 Social enterprise

✓ Infrastructure (inc major waste grants, EfW, organics) 🞎 State based issues (eg. Fit for the Future NSW)

✓ Innovative projects (case studies preferred) 🞎 Technology

🞎 Landfill (inc operations, regulations) 🞎 Tenders and contracts

🞎 Litter and/or illegal dumping (inc litter initiatives) 🞎 Other 🞎 Organics (inc collection, processing)

**Presenter information**

**Presenter name:** Stuart Garbutt

**Presenter position:** CEO – Re.Cycle

**Presenter organisation:** Re.Group

**Presenter email address:** stuart@rdtaust.com

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**Biography**

Stuart is the CEO of Re.Cycle, the division of Re.Group that specialises in ‘yellow bin’ recycling. He has been involved in the waste and recycling industry since he became a qualified engineer in 1995. Prior to establishing Recycling Design and Technologies (RDT) he spent 10 years with Visy Recycling, working through the ranks from Graduate Engineer to Projects and Commissioning Manager for four states. At RDT he lead the design, supply, installation and commissioning of recycling projects across Australia, New Zealand, Singapore, Vietnam, Hong Kong, Taiwan, the United Kingdom and Canada. Stuart is a hands-on leader, who is actively involved with all of our MRF operations.

**Abstract Summary**

The Hume MRF in Canberra processes 50-60ktpa of commingled recycling, including circa 35,000ktpa from kerbside collections in the ACT, as well as commercial recycling and kerbside material from various NSW Councils. RDT Operations, which is a Re.Group company, took over operation of the Hume MRF in early 2016. In October 2016 we commenced a major ($6m) upgrade to transform the existing 14 year old facility into a modern showcase of best practice resource recovery. The upgrade is being undertaken through a series of weekend shuts, so as not to interrupt usual processing services. Stuart’s presentation will detail the challenges of completely refitting a major recycling facility ‘on the run’, as well as the best practice systems which have been installed, including the glass implosion system and innovative optical sorting for the container stream.

**Abstract**

Full abstract will be similar to above….but longer. Draft can be provided closer to deadline.