**Waste 2017 Abstract Submission**

**Towards a NSW Waste and Resource Recovery Infrastructure Strategy 2017-2021**

*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

**X** 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:** Robbie Beale

**Presenter position:** Manager Waste and Recycling Infrastructure

**Presenter organisation:** NSW Environment Protection Authority

**Presenter email address:** Robbie.beale@epa.nsw.gov.au

**Presenter phone number:** 9955 5748

**Presenter mobile number:** 0475 821 849

**Biography**

Robbie manages the NSW EPA’s $48 million Waste Less, Recycle More Waste and Recycling Infrastructure program. This program provides funding designed to accelerate and stimulate investment in waste and recycling infrastructure to increase processing capacity for greater resource recovery across NSW. It also includes the EPA’s industrial ecology program, Circulate. Robbie has also worked in local government and has over sixteen years experience in education including behaviour change and evaluation. She has a Bachelor of Applied Science (Systems Agriculture) Honours and a Bachelor of Teaching and is currently studying for her Executive Master of Public Administration.

**Abstract Summary**

Nearly six millions tonnes of the 16 million tonnes of waste generated in NSW ended up in landfill during 2014-15. This means there are still plenty of opportunities to retrieve valuable resources. By 2021 the EPA has set ambitions targets for waste and recycling and aims for 75% of waste to be diverted from landfill.

How can NSW meet these targets? This paper outlines the work undertaken by the EPA to identify gaps in existing waste processing infrastructure and the number and location of facilities required to enable the State to meet the resource recovery targets.

**Abstract**

Nearly six million tonnes of the 16 million tonnes of waste generated across NSW ended up in landfill during 2014-15. This means there are still plenty of opportunities to recover valuable resources. By 2021 the EPA has set ambitions targets for waste and recycling and aims for 75% of waste to be diverted from landfill.

The NSW population is expected to grow to 9.9 million people by 2036 and the amount of waste generated in NSW is expected to be 159 per cent higher than in 2002. Over the coming four years $161 million worth of grants and programs specifically designed to encourage investment in the waste and resource recovery industries will be made available to investors by the NSW EPA.

Where should this money be invested and how can it best be used to support meeting the NSW EPA’s diversion targets? This paper outlines the work undertaken by the NSW EPA to identify gaps in existing waste and resource recovery infrastructure and the number and location of facilities required to enable the state to meet the NSW EPA’s targets.

This will be the first time preliminary results of the needs analysis are released for consultation. Over the coming months the NSW EPA will consult with the waste industry including key stakeholders before finalising the infrastructure strategy to provide detailed guidance on how NSW can meet the resource recovery targets in the coming years.