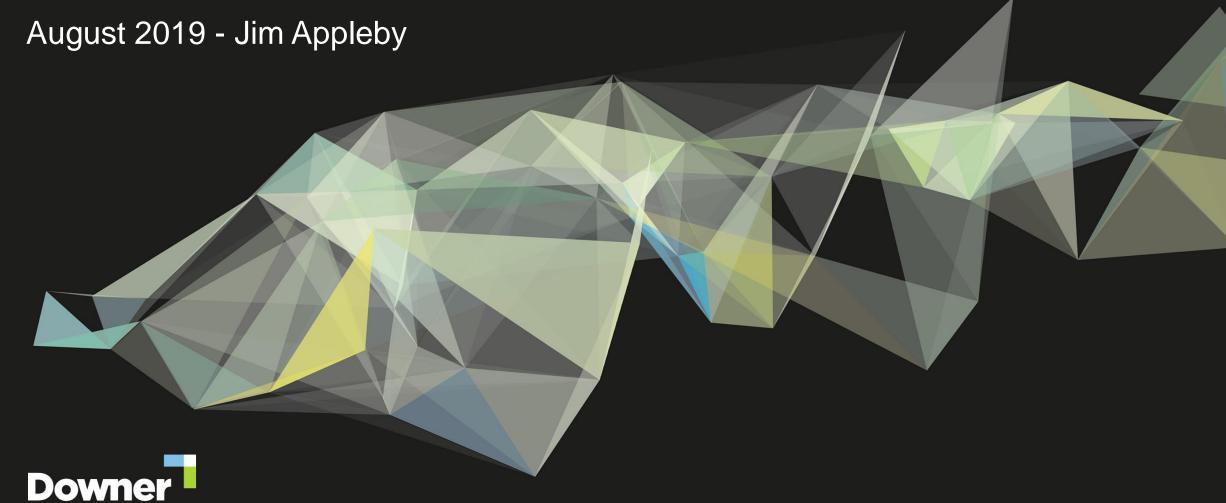
Embracing the Circular Economy – Action not words



Our Society is Demanding Change

Indonesia rejects 'toxic' Australian plastic recycling







Councils need Circular solutions

- The waste problem is owned by Local Councils
 - Waste is a Local issue with a State and Federal optic
 - Collection is good, initial sort is ok
 - But this is where it stops
- The system falls down around reprocessing and reuse
 - Quality of reprocessing is mostly non existent or of insufficient quality
 - The market demand for recycled products is nowhere near the required levels
- In essence, you are creating the problem
- Embracing the Circular Economy could resolve this



Circular economy creates recycling solutions

Our focus is on **Pulling Products** not **Pushing Waste**

Reconomy:

- Represents how we manage resources. We not only recover resources to avoid landfill, we recycle and repurpose into high quality products and materials.
- Creates economic, social and environmental value for our customers and their communities.





Portfolio of Repurposed Materials

Diverse and Innovative Blend of Materials:







Reconophalt - a truly circular asphalt

Converts 'waste' destined for landfill into a useable resource.

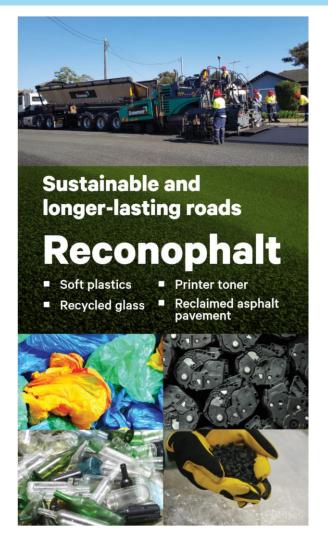
One tonne of Reconophalt includes;

- 800 plastic bags
- 252 glass bottles
- Toner from 18 used printer cartridges
- 300kg of Reclaimed Asphalt Pavement

It also has a **60% improvement** in fatigue, when compared to typical road asphalt.

Reconophalt 883

- 83% recycled, 8 recycled materials (4 domestic sources)
- Performance equal to virgin asphalt







Reconophalt Case study – City of Marion

In March Downer Paved 2,800t of Reconophalt containing;

- 698,000 bottles
- 2,172,000 plastic bags

Over the 39,000 households, that's **Two weeks worth of**domestic glass and soft plastic recycling that has been
beneficially reused, not sold to Asia or put in landfill.

No Micro-Plastics

100% recyclable in the future

Road lasts 3 years longer







Landfill diversion and Detritus Rosehill

Receives Road Sweeping and Pit Waste

Both are classified materials that were previously disposed in landfill

Ability to process 25,000t annually.

Diversion rate of 88%.

- 50% Sand and Aggregates
- 33% Organics for compost
- 5% metals
- Saves 20,000t Carbon emission per year





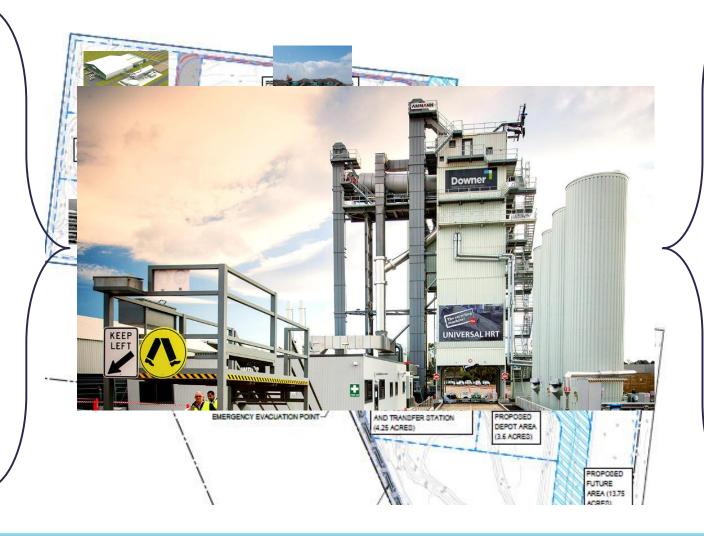


Resource Recovery and Reuse Precincts



















Looking into the future

- Tyre Harvesting
- Rubber devulcanization
- Virgin agg replacement
- Plastic polymerisation
- Bio Bitumen





Conclusion

- Circular Economy is not a Fad
 - Its now a political issue. Your stakeholders are demanding action
- Councils are perfectly placed to embrace it
 - States are producing policy but will lag behind the need to change
 - Councils need to be an enabler
 - Proactive Procurement is the key to circular success
- Industry must provide solutions based around quality
 - Recycled does not mean lower performance or compromise
 - Industry will invest if the market demand is there





And if you don't believe me, maybe you'll believe him

