



Aspiring to change the way we deal with waste

ASPIRE: Advisory System for Processing, Innovation & Resource Exchange
ASPIRE to change the way we deal with waste

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ASPIRE to change the way we deal with waste

ASPIRE is an online marketplace which intelligently matches your business with potential purchasers or recyclers of your waste by-products. It saves on your disposal costs and cuts the amount of waste going to landfill. ASPIRE is run by the CSIRO in collaboration with local councils and business networks.

Register your outputs and inputs to find a match.

REGISTER YOUR COMPANY

User login

Email *

Password *

Forgot your account? Request new password

LOG IN

How it works | Why ASPIRE? | Who is it for?

CASE STUDY: ROTOMETRICS + GLOBAL WASTE MANAGEMENT = INDUSTRIAL SYMBIOSIS

The ASPIRE project is an innovative online register being developed for resource exchanges between businesses. The project is a collaboration between CSIRO, Kingston, Knox, Dandenong and Hume Councils, funded by the Department of State Development and Business Innovation through the Digital Futures Fund.

Through business engagement for the ASPIRE program, the BEN Officer met with Gregor Mason at Rotometrics to discuss opportunities for Industrial Symbiosis, or resource exchange between two companies that results in environmental and economic benefits for both companies.

The BEN Officer introduced environmental engineer Amir Siddique from WACTS, who was able to identify and facilitate the resource exchange between Rotometrics and Global Waste Management.

Global Waste Management now pick up approximately 30,000L of Ferric Chloride each year from Rotometrics, using it as a reagent for waste water treatment. This has resulted in:

- Annual savings of \$30,000 for Rotometrics, as they no longer need to pay for specialised waste treatment
- Annual savings of \$13,500 for Global Waste Management, as they only pay for the transportation of the Ferric Chloride

"We had been looking for another option for our waste chemical disposal to reduce our overheads without success, so to find a company that can use our waste rather than dispose of it through a recognised waste transport company has been a great outcome."

Gregor Mason, Financial Controller- Rotometrics Australia

ASPIRE

Advisory System for Processing, Innovation & Resource Exchange

An online tool to help small to medium sized businesses

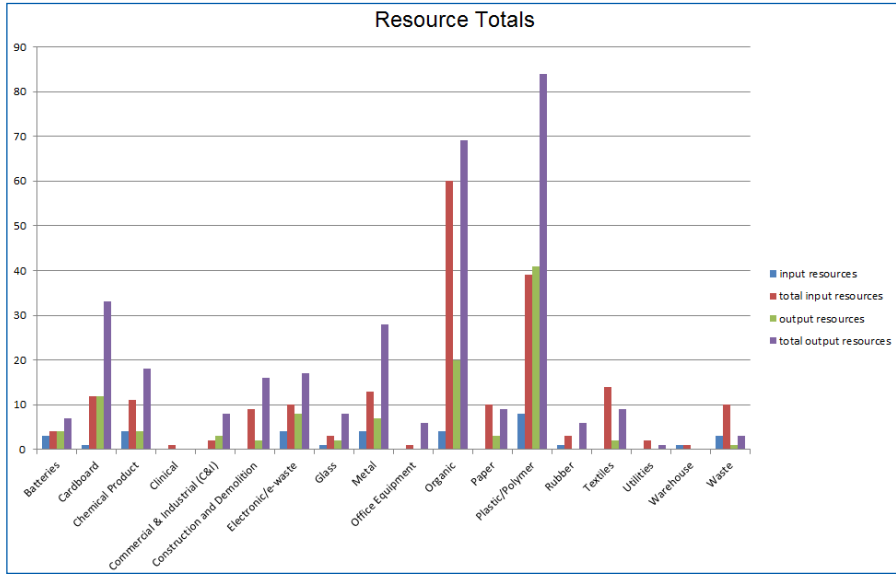
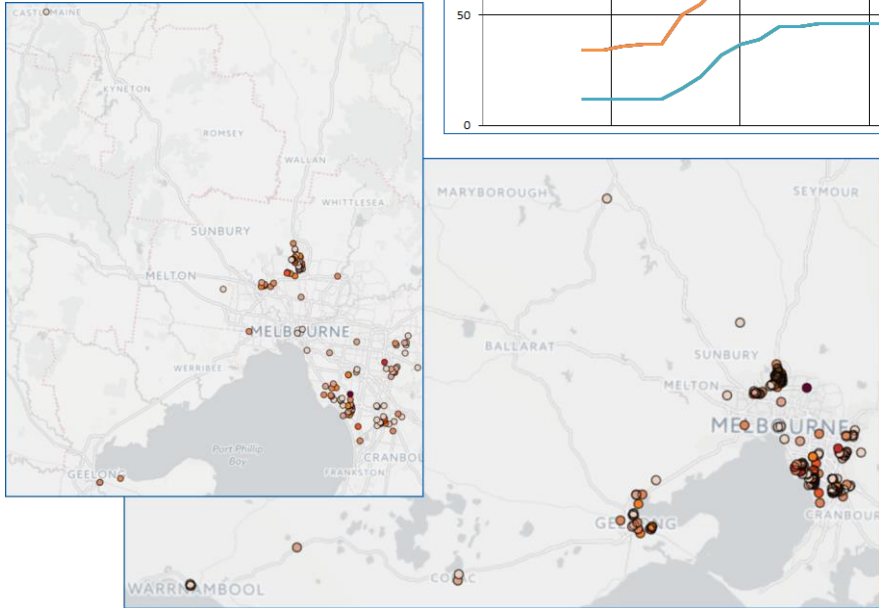
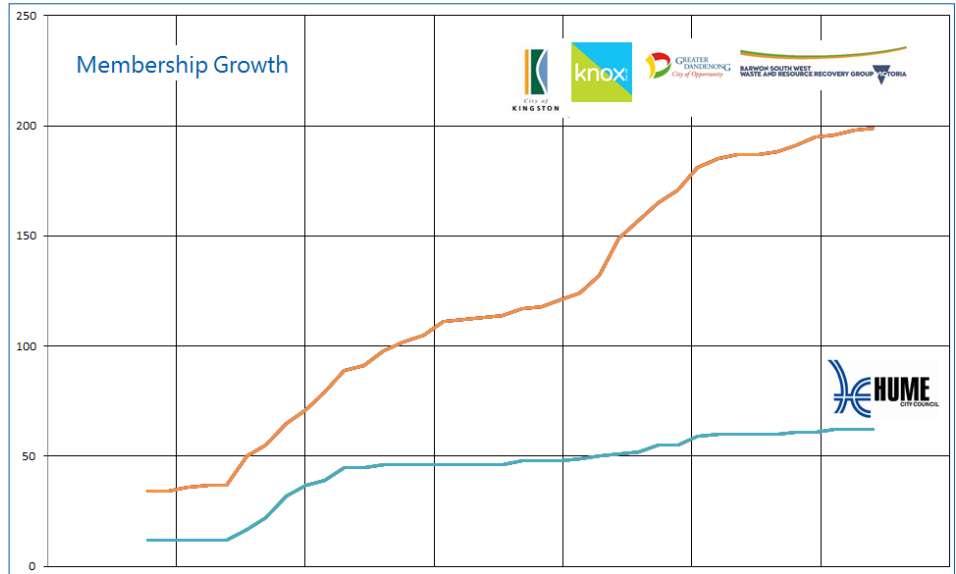
- exchange waste or material resources divert it from landfill
- find a new revenue stream and/or source raw material for reuse

"It was an **easy to understand** process...easy to understand and operate website. We just listed our waste products on the website that we were interested in removing and were **contacted quickly** by vendors for removal of scrap metal and cardboard waste.

Our waste removal costs have been **reduced by around \$5,000/yr.** The planet thanks us as well as **less waste going into landfill** is good for everyone!

The ASPIRE website registration requires someone to **enter the right information** but **once setup it is great.**"





<https://aspire.csiro.au/>

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