

HUME CITY COUNCIL

BUSINESS EFFICIENCY NETWORK

SUPPORTING BUSINESS IN A CHANGING CLIMATE



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

