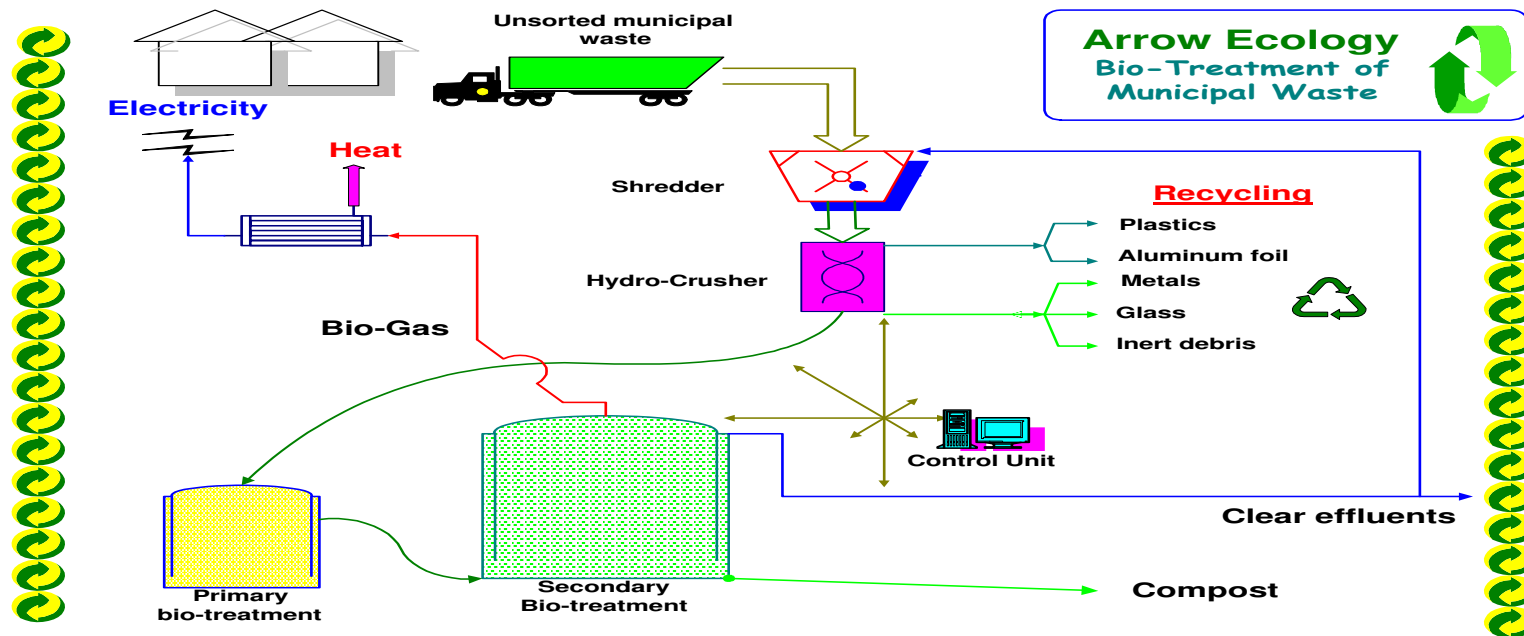


The ArrowBio Process

An Experienced Clean Treatment for MSW



Yair Zadik, Co-CEO

July 2006

The ArrowBio Process

An Environmentally Friendly Treatment

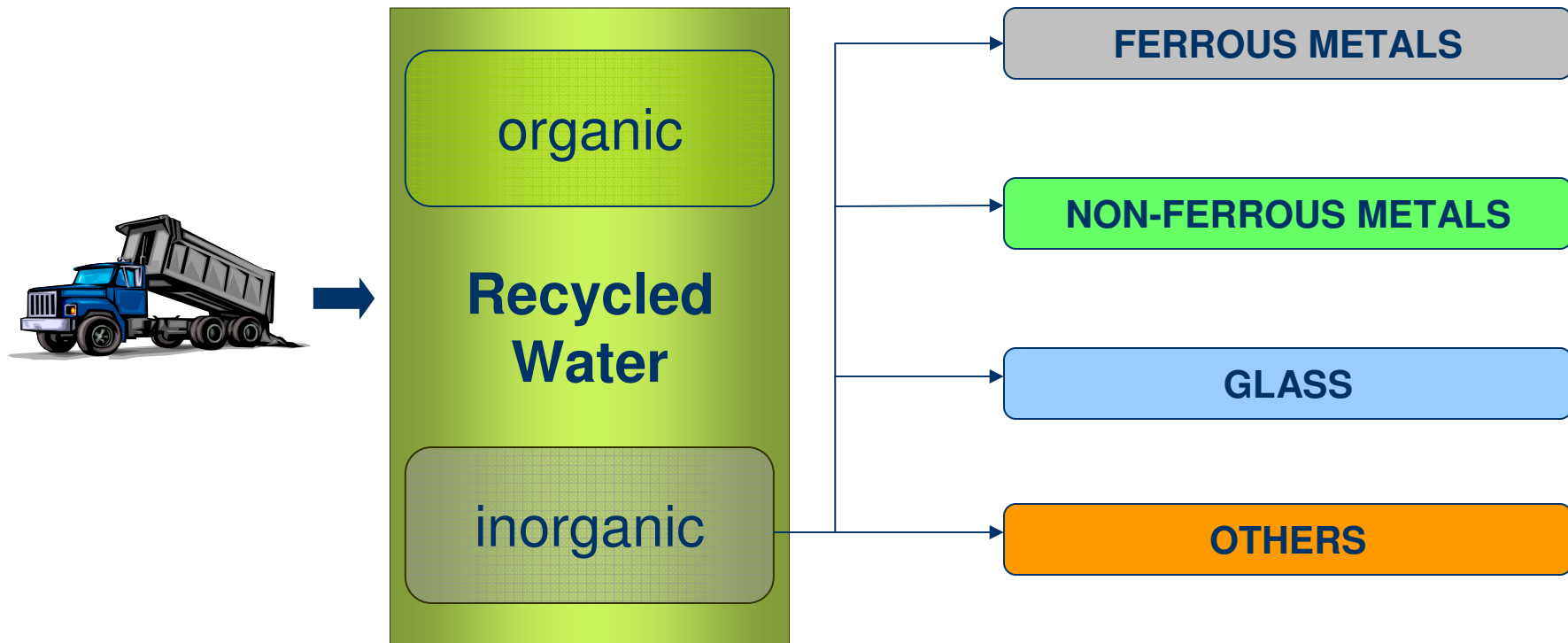
To Manage & Recover Resources

From Unsorted or Sorted MSW

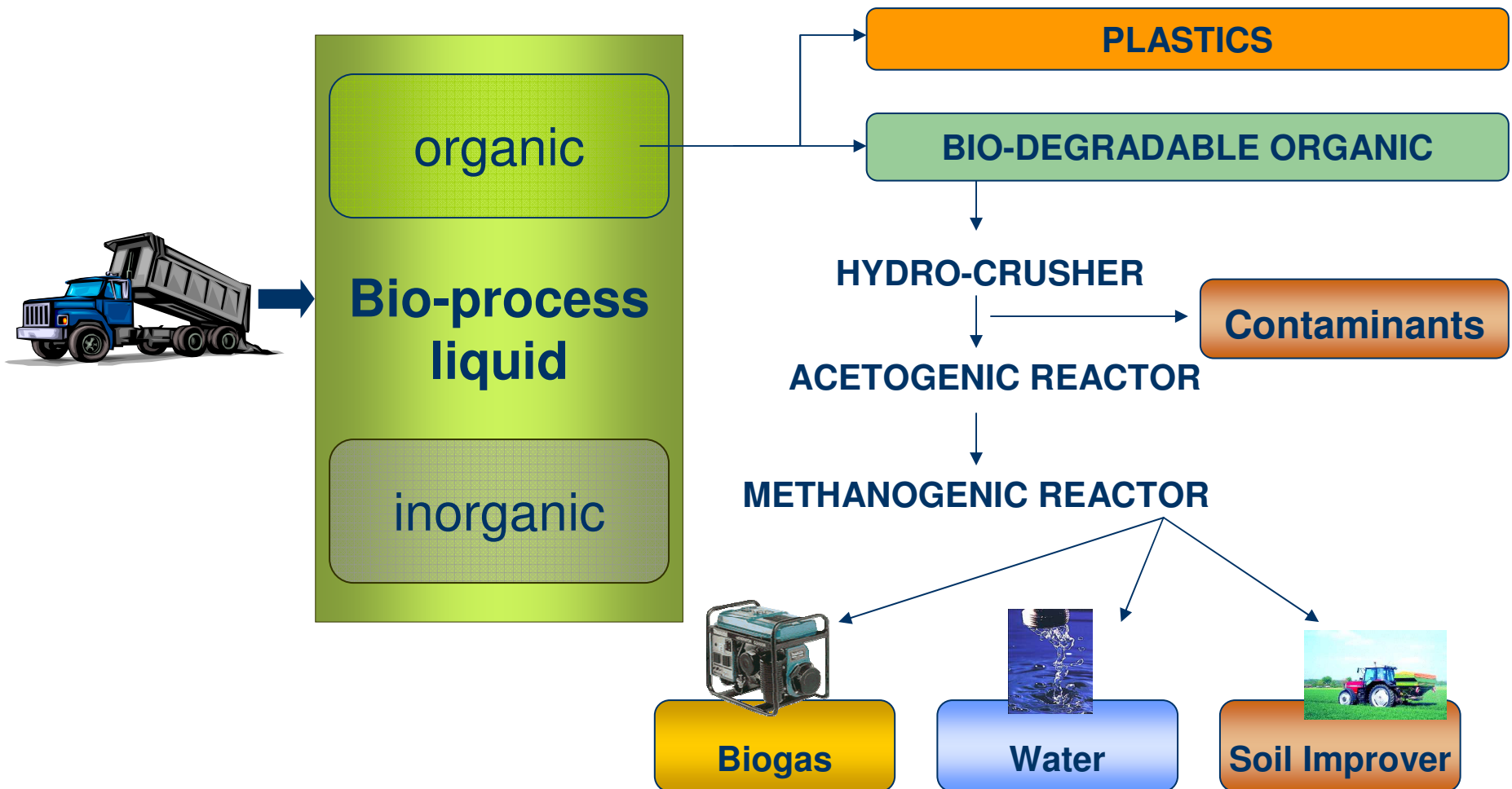
Via a Watery Sorting Process (“A Watery MRF”)

and a Classical Watery Anaerobic Treatment (“UASB”)

The Process – Basic Principals



The Process – Basic Principals



The Tel-Aviv ArrowBio Plant



The “Wet MRF” - Sorting in Water



Biological Reactors & Energy Systems





PRODUCTS
and
ENVIRONMENT

Scrap Metal



PET, HDPE, and Film Plastics



Clean Soil Improver



Agricultural Tests of Soil Improver



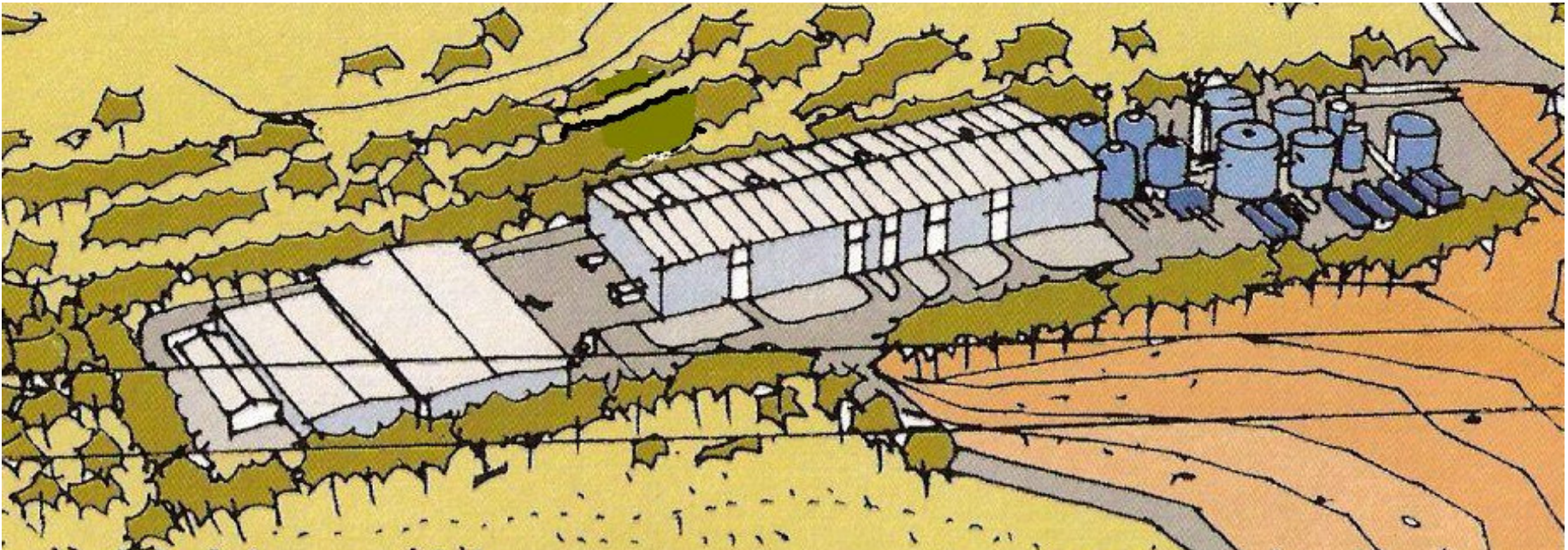
Green Energy



Odor and Noise Measurements



ArrowBio in Sydney – Artist's Concept

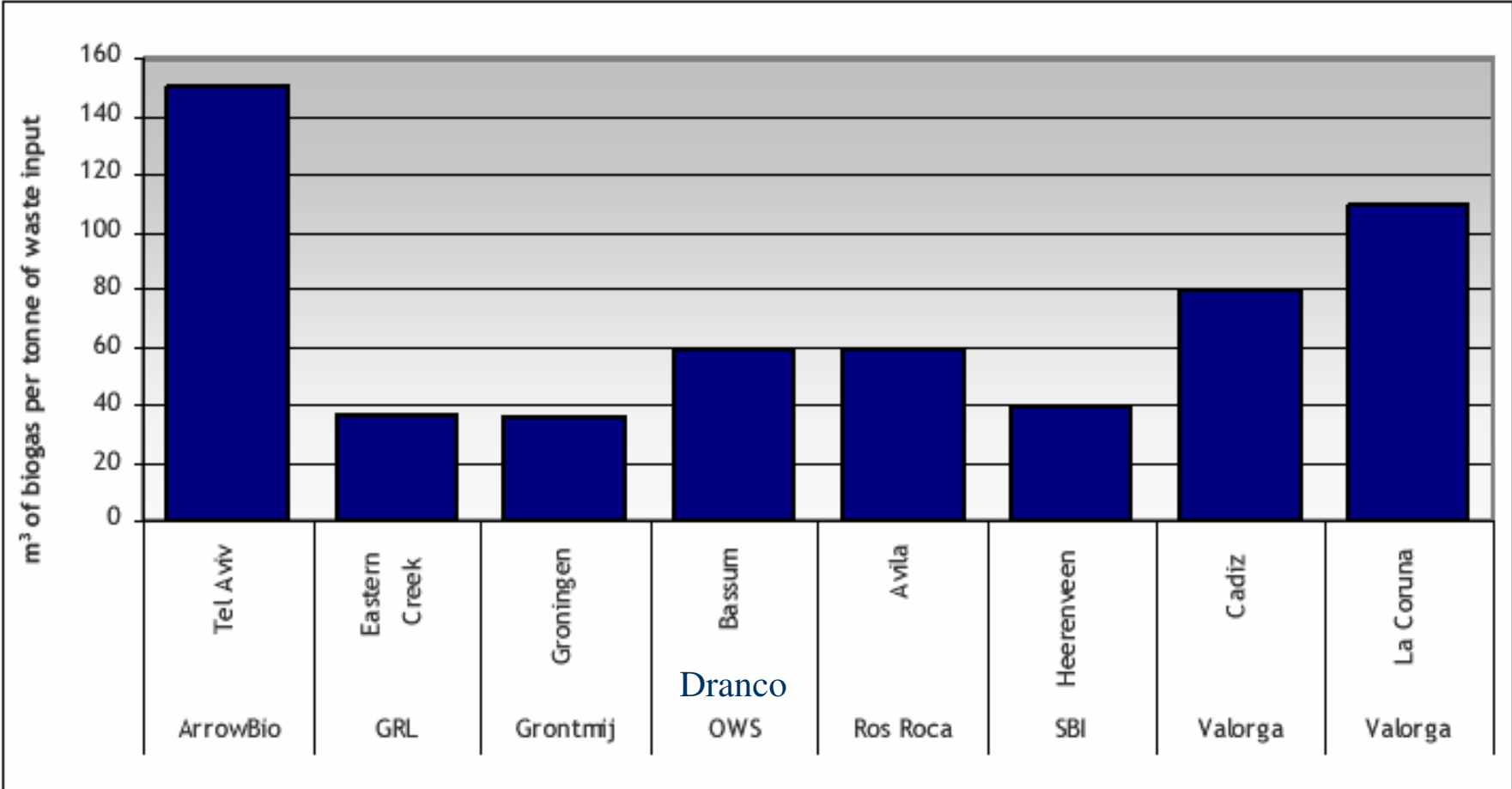


Australian Review Summary

- “ The 2 stage digestion achieves better process control”
- “ The net electricity export is superior... and there is no requirement for energy to undertake composting”
- “ The plant uses a smaller footprint”
- “ Sludge from digesters is cleaner compared with others...The propensity for heavy metals is lower...”
- “ The process after its initial fill, is a net exporter of water “

*Mohan Selvaraj, General Manager Technology Development,
WSN environmental Solutions, Sydney, Australia*

Int'l Review of Juniper, UK



Major Parameters for evaluating an MSW treatment process

1. What feedstock is it handling now. Is it mixed MSW or not?
2. What is the quality of the products?
3. What is the tipping fee it works with?
4. Does it have a commercial plant receiving real waste ordinary?

ArrowBio's edge

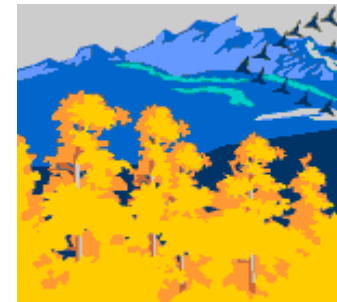
- Green Energy



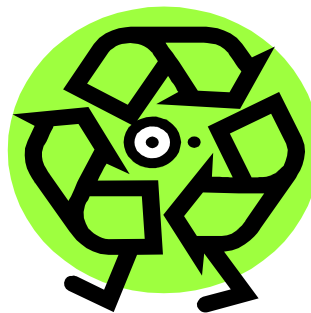
- Cost



- No Pollution or Contaminated products



- Integral Recovering



Thank You

