



## Koblenz - Boden Biowaste separation technology



High rate waste dissolvers



High quality compost produced

**Plant inputs** 30,000 Wet Tonnes/annum  
Source segregated household and green biowaste  
Kitchen waste with packaging  
25% inert

**Separation technology** Pre shredding < 80mm  
Pre screening < 80mm  
Over band magnet  
Waste dissolvers x 2. High rate disintegration  
Waste maceration

**Digestion, Biogas and Bioenergy engineering** Pasteurisation, CAT 3 Compliant  
1 x Mesophilic digester  
Dewatered cake product  
1.0 MWe CHP

**Key Benefits** Solubilisation of difficult solid waste  
Separation plant removes contaminants  
Heavy solid and grit content reduced to protect downstream plant  
Clean organic slurry prepared for digestion process  
Clean compost produced for agricultural recycling

Monsal Limited  
Oak House  
Southwell Road West  
Mansfield  
Nottinghamshire  
NG21 0HJ  
UK

T: +44 (0)1623 429500  
F: +44 (0)1623 429505  
E: systems@monsal.co.uk  
W: www.monsal.co.uk

Power in Partnership

inter-engineering  
Frank J. Riadai

