

APPENDIX 2 – Deliverability Matrix

Technology	Planning Risk	Operating in UK for more than 2 years	Operating at the scale required	Reliable technology	Reliable markets for outputs	Complies with anticipated regulatory standards
Mechanical (and biological) treatment + Incineration (moving grate)	Moderate	Yes	Yes	Yes	Yes	Yes
Mechanical (and biological) treatment + Incineration (fluidised bed)	Moderate	Yes	Yes	Unproven Limited experience in UK	Yes	Yes
Mechanical (and biological) treatment + Gasification	Moderate	Yes	Yes	Unproven Limited experience in UK	Yes	Yes
Mechanical (and biological) treatment + Pyrolysis	Low - Moderate	Yes	No	No	Unproven	Unproven
Mechanical (and biological) treatment + Plasma Arc	Moderate	No	No	No	No	Unknown
Mechanical (and biological) fuel preparation	Low	Yes	Yes	Yes Not proven to expected regulatory standard	No	Yes
Mechanical Biological Treatment - stabilise to Landfill	Low	Yes	Yes	Yes	No	Unproven
Mechanical Heat Treatment (Autoclave)	Low	Yes	Yes	Unproven	No	Yes
Mixed Waste Anaerobic Digestion	Low - Moderate	Yes	Yes	Unproven	No	Unproven