

Buckinghamshire County Council

&

Milton Keynes Council

Waste Management Technical Options Appraisal

RISK DECISION TREES

FORMAL ISSUE

Version 1

7 December 2004



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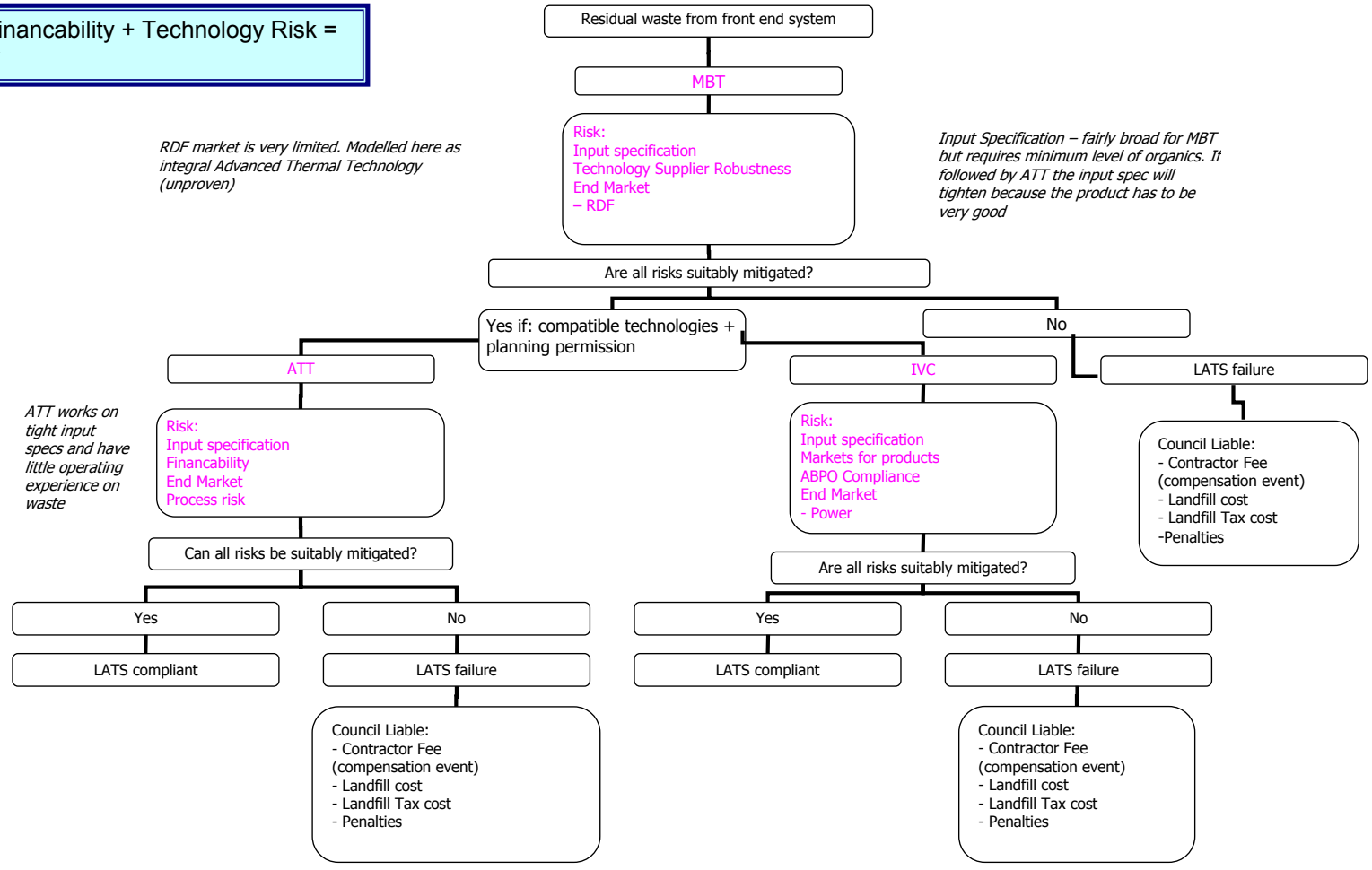
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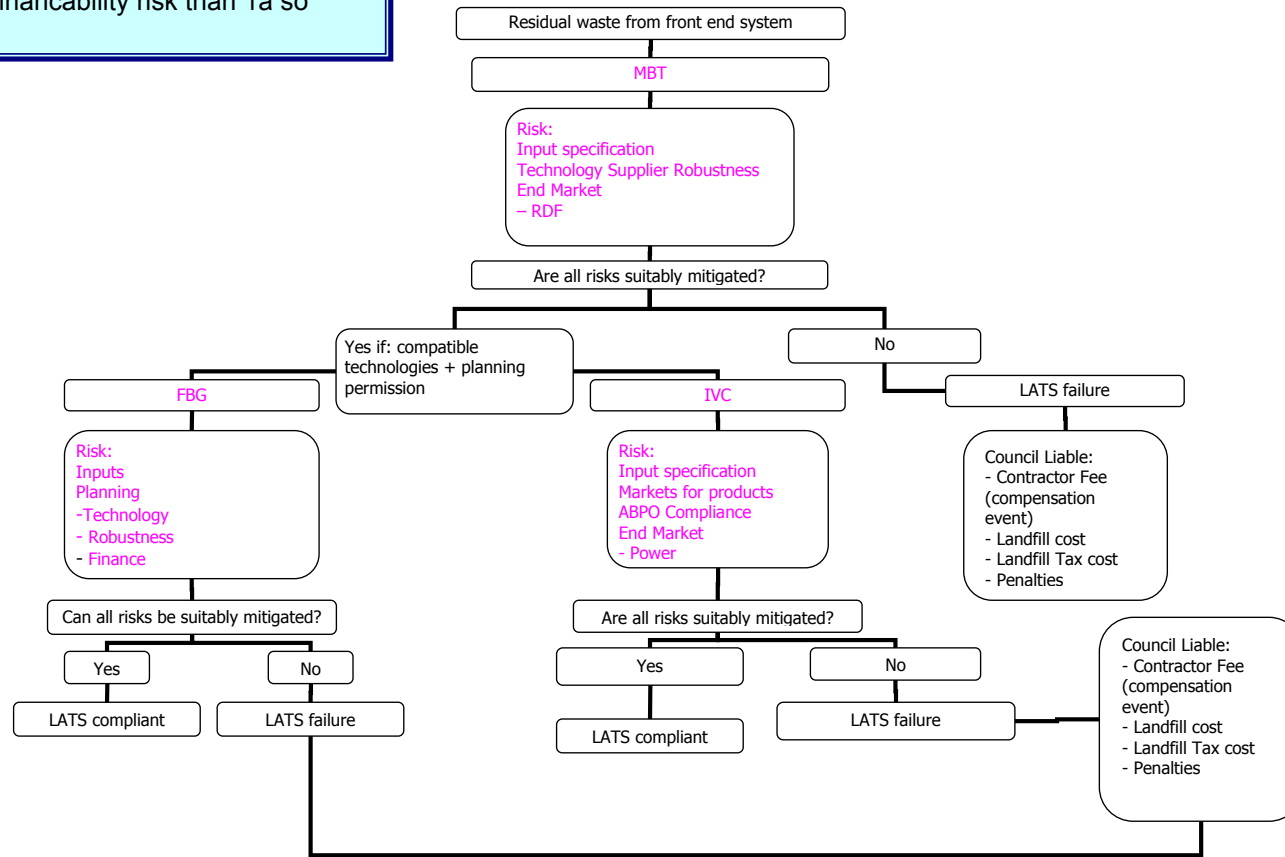
1A MECHANICAL BIOLOGICAL TREATMENT + ADVANCED THERMAL TREATMENT OF RDF + IN-VESSEL COMPOSTING OF WASTE DERIVED COMPOST

Key Issue: Financability + Technology Risk = Deliverability



1B MECHANICAL BIOLOGICAL TREATMENT + EFW (FLUIDISED BED) + IN-VESSEL COMPOSTING OF WASTE DERIVED COMPOST

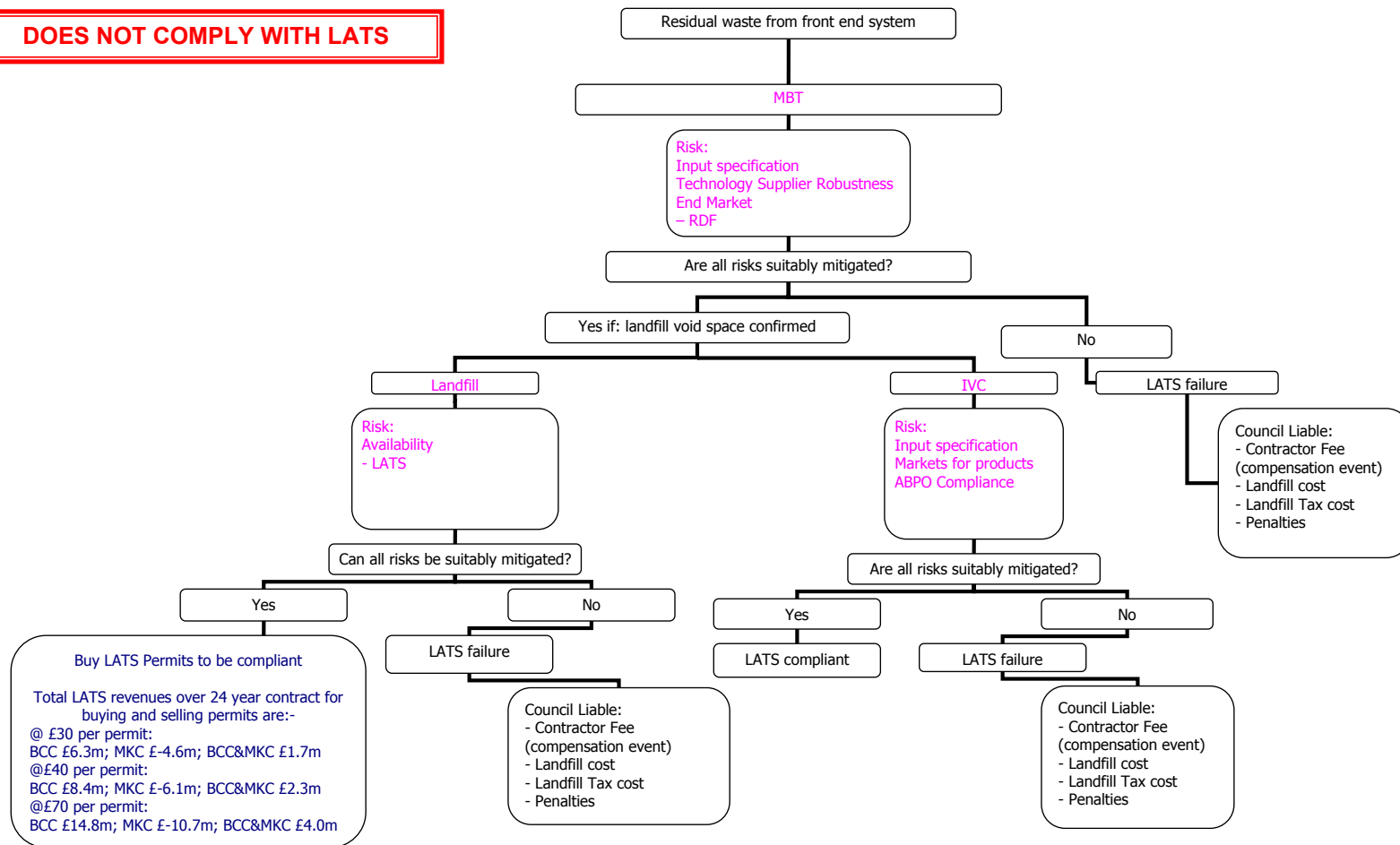
Key Issue: Less financability risk than 1a so more deliverable



1C MECHANICAL BIOLOGICAL TREATMENT + IN-VESSEL COMPOSTING OF WASTE DERIVED COMPOST + LANDFILL

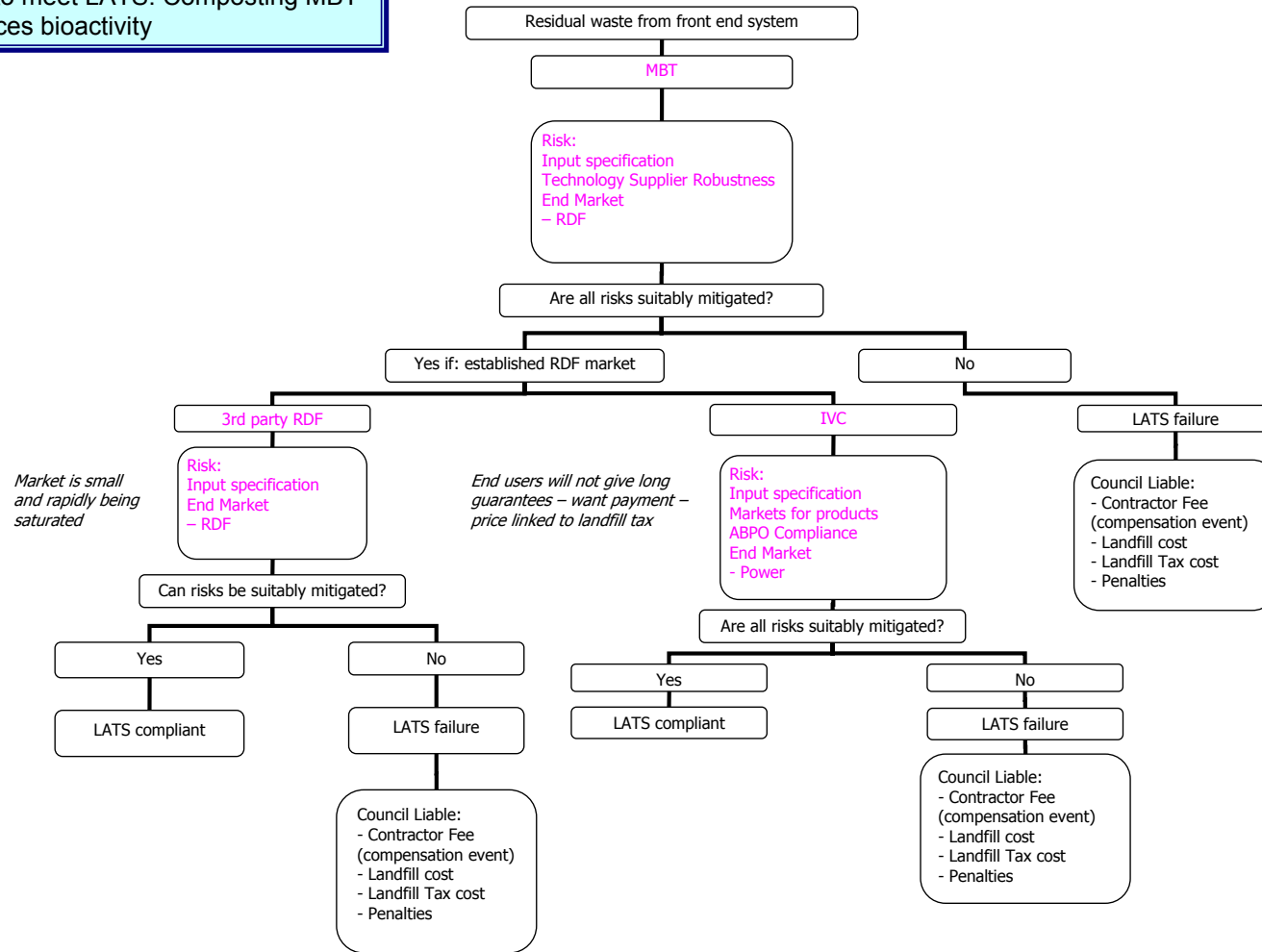
Key Issue: Unlikely to meet LATS. Composting the MBT product slightly reduces bioactivity

DOES NOT COMPLY WITH LATS



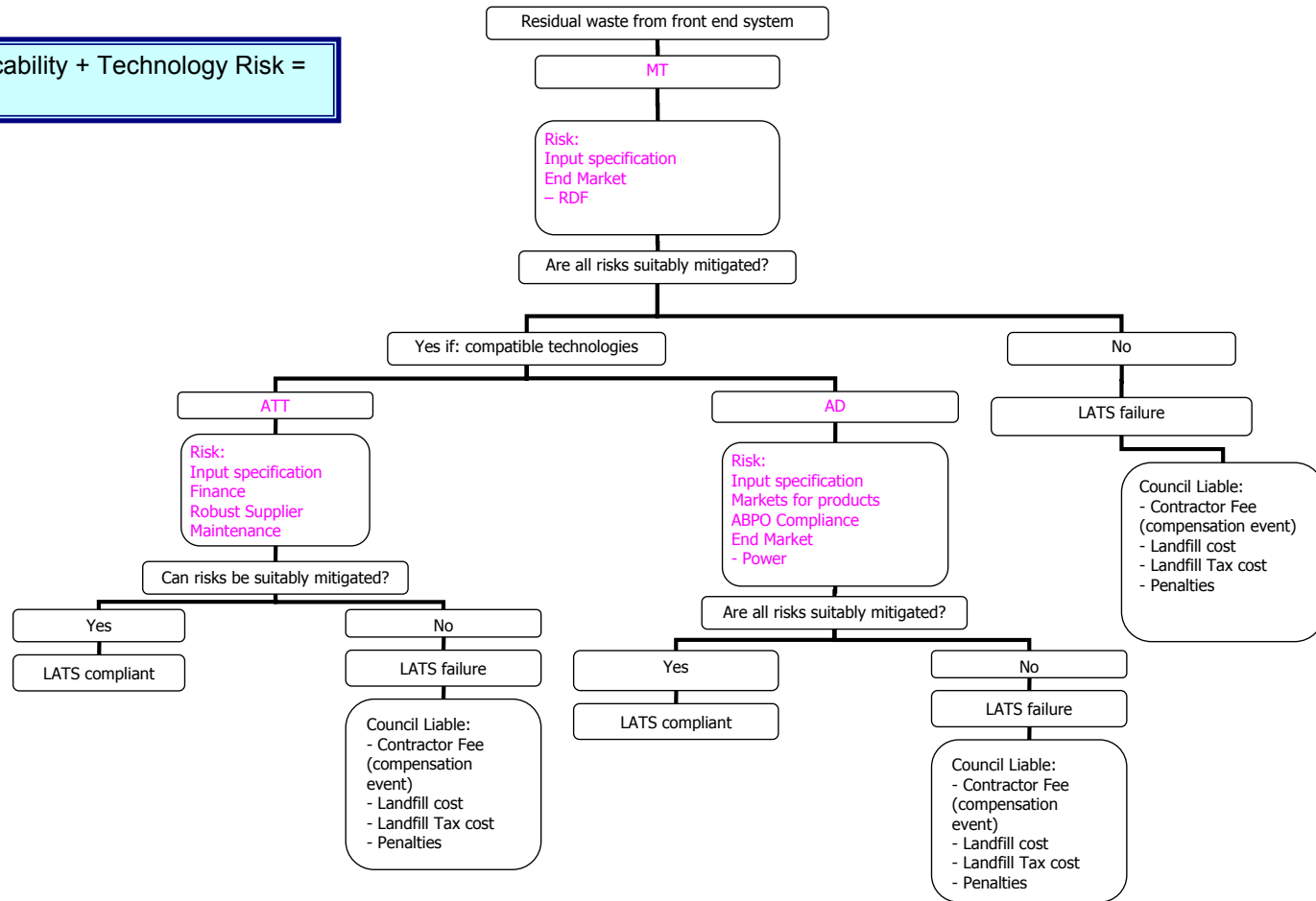
1D MECHANICAL BIOLOGICAL TREATMENT + IN-VESSEL COMPOSTING OF WASTE DERIVED COMPOST + RDF TO 3RD PARTY

Key Issue: Unlikely to meet LATS. Composting MBT product slightly reduces bioactivity



2A MECHANICAL TREATMENT + ADVANCED THERMAL TREATMENT OF RDF + ANAEROBIC DIGESTION OF WASTE DERIVED COMPOST + MATURATION OF DIGESTED COMPOST PRODUCT

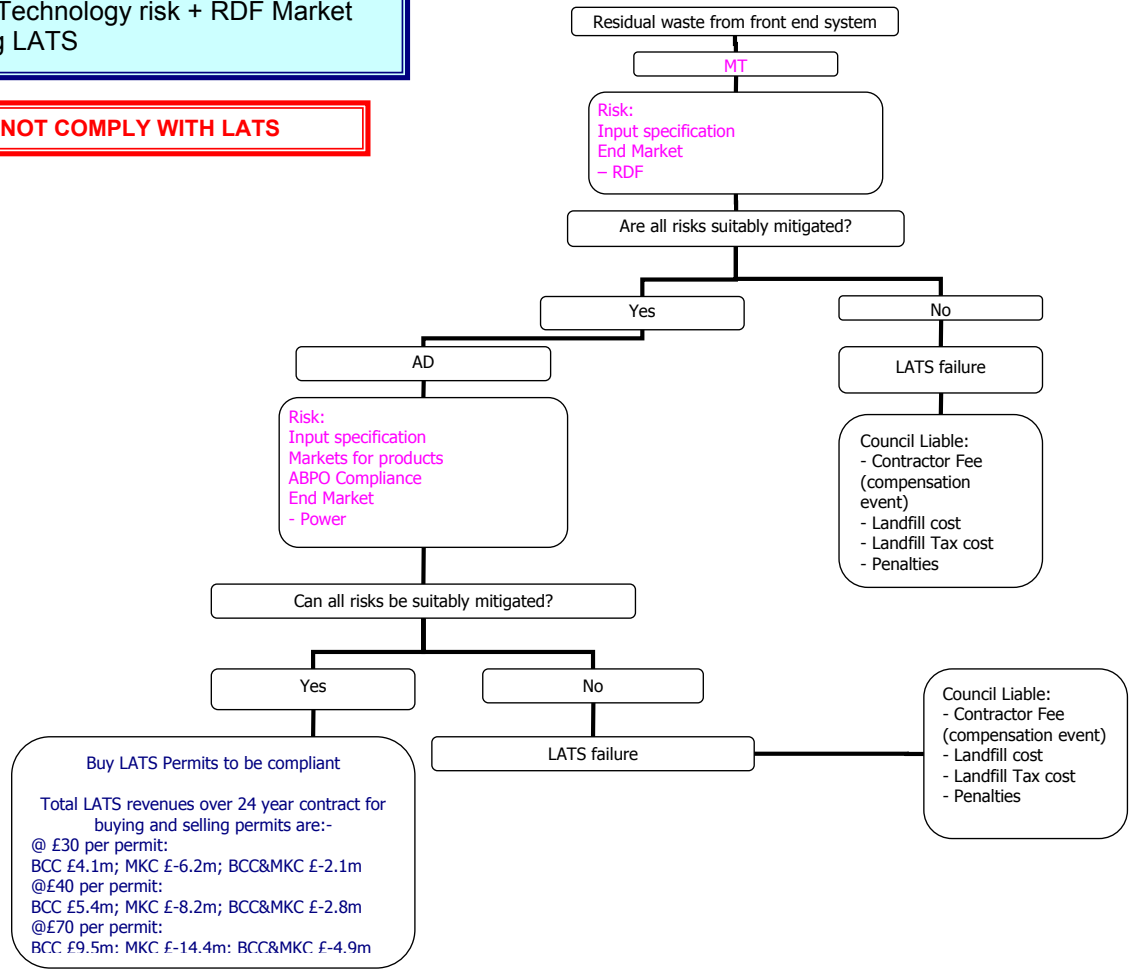
Key Issue: Financability + Technology Risk = Deliverability



2B MECHANICAL TREATMENT + ANAEROBIC DIGESTION OF WASTE DERIVED COMPOST AND KERBSIDE ORGANICS + LANDFILL

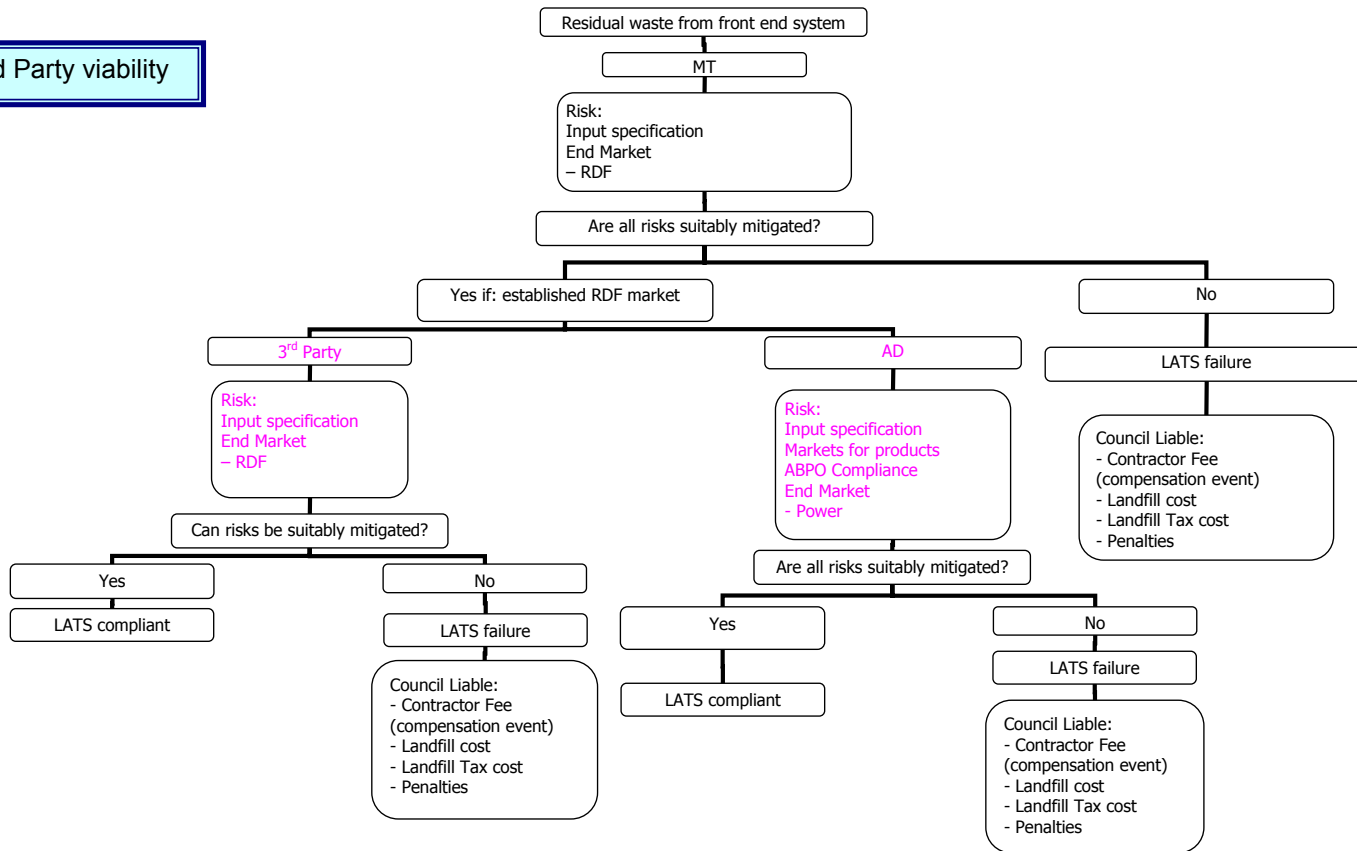
Key Issue: Technology risk + RDF Market and meeting LATS

DOES NOT COMPLY WITH LATS



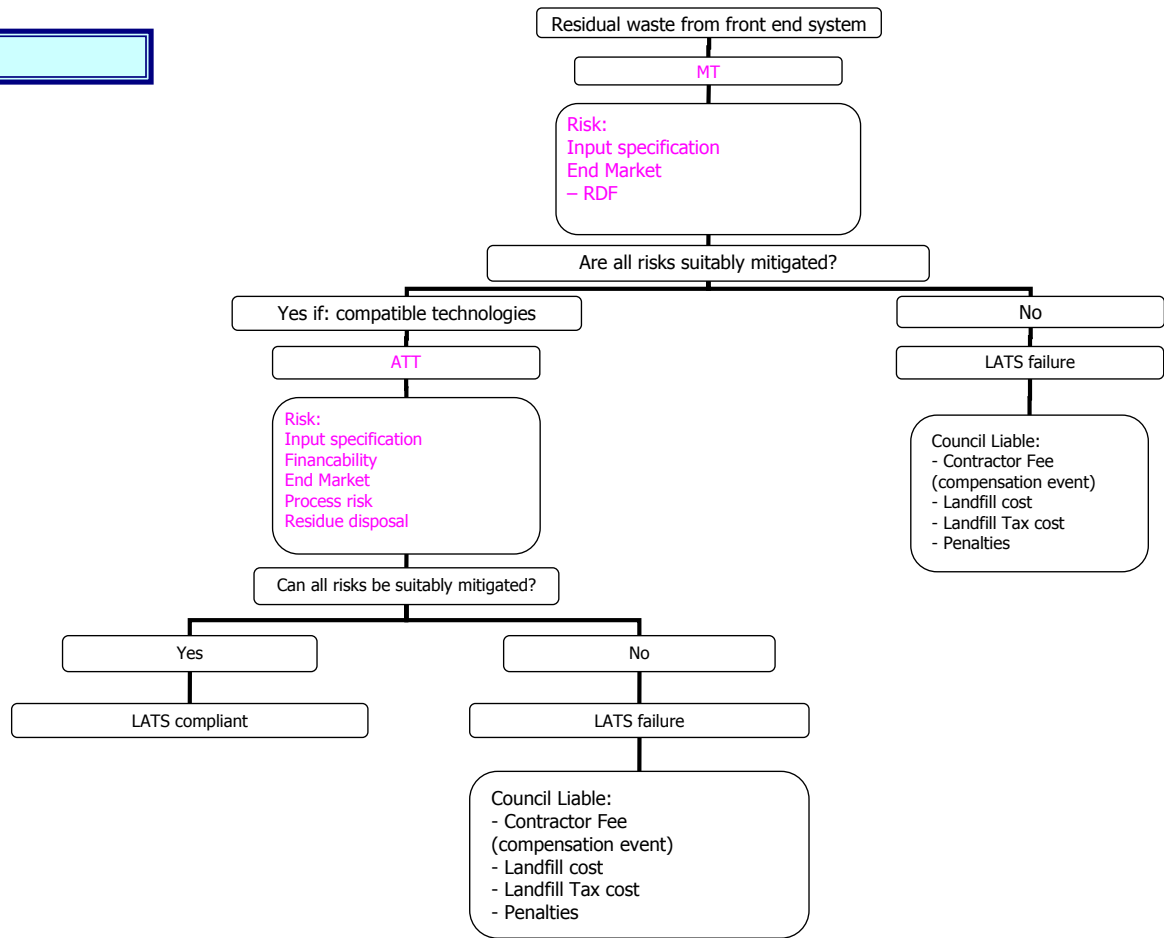
2C MECHANICAL TREATMENT + ANAEROBIC DIGESTION OF WASTE DERIVED COMPOST AND KERBSIDE ORGANICS + RDF TO 3RD PARTY

Key Issue: Third Party viability



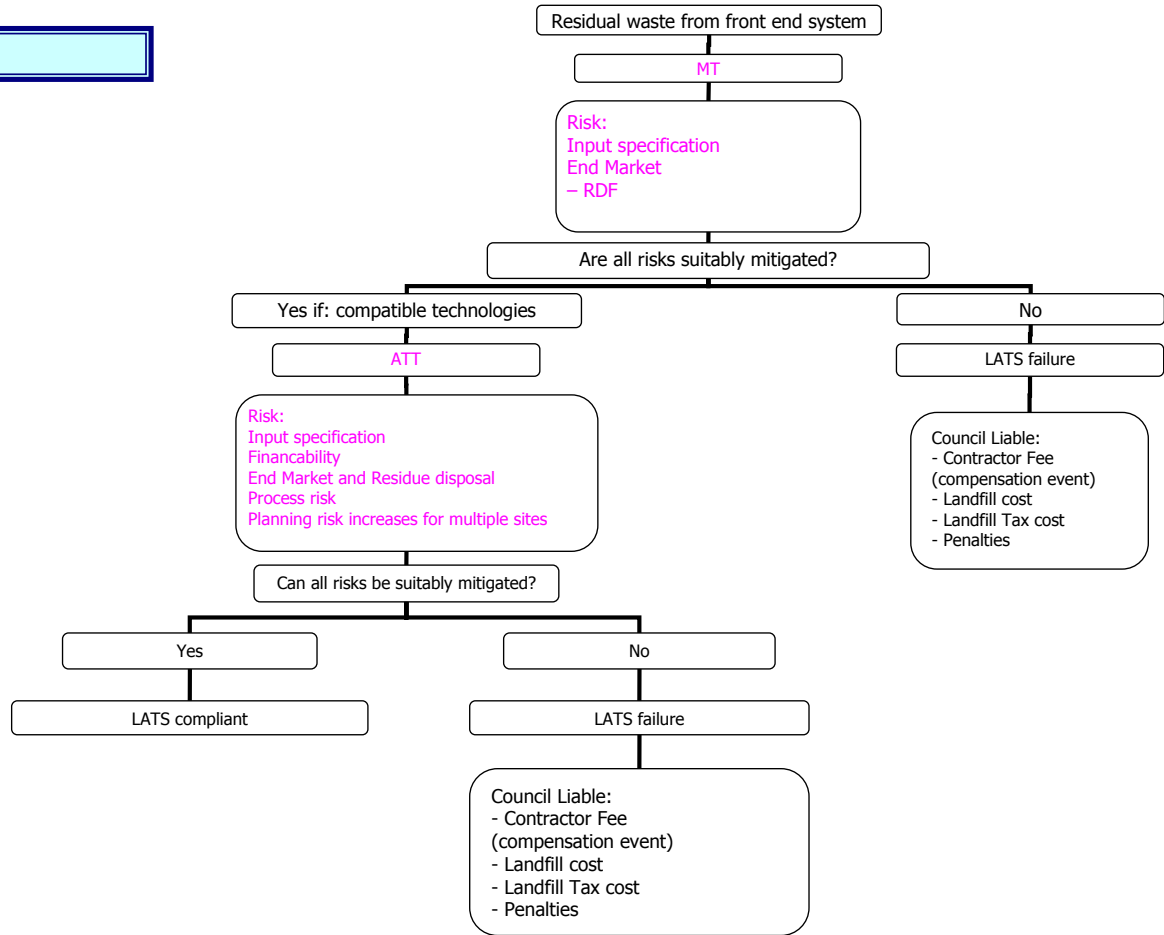
3A SCREENING + ADVANCED THERMAL TREATMENT OF RDF

Key Issue: Financability



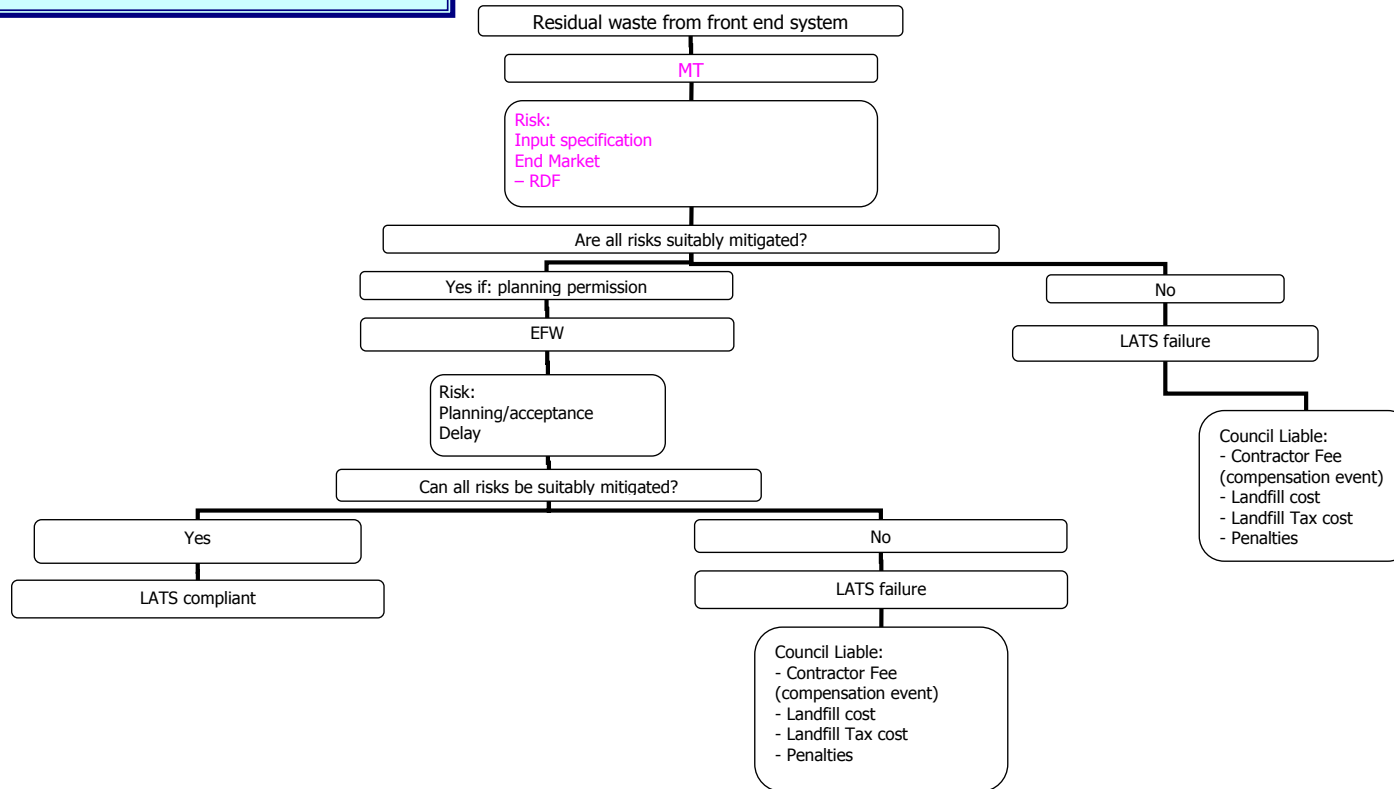
3B SCREENING + ADVANCED THERMAL TREATMENT (AT MULTIPLE FACILITIES)

Key Issue: Financability



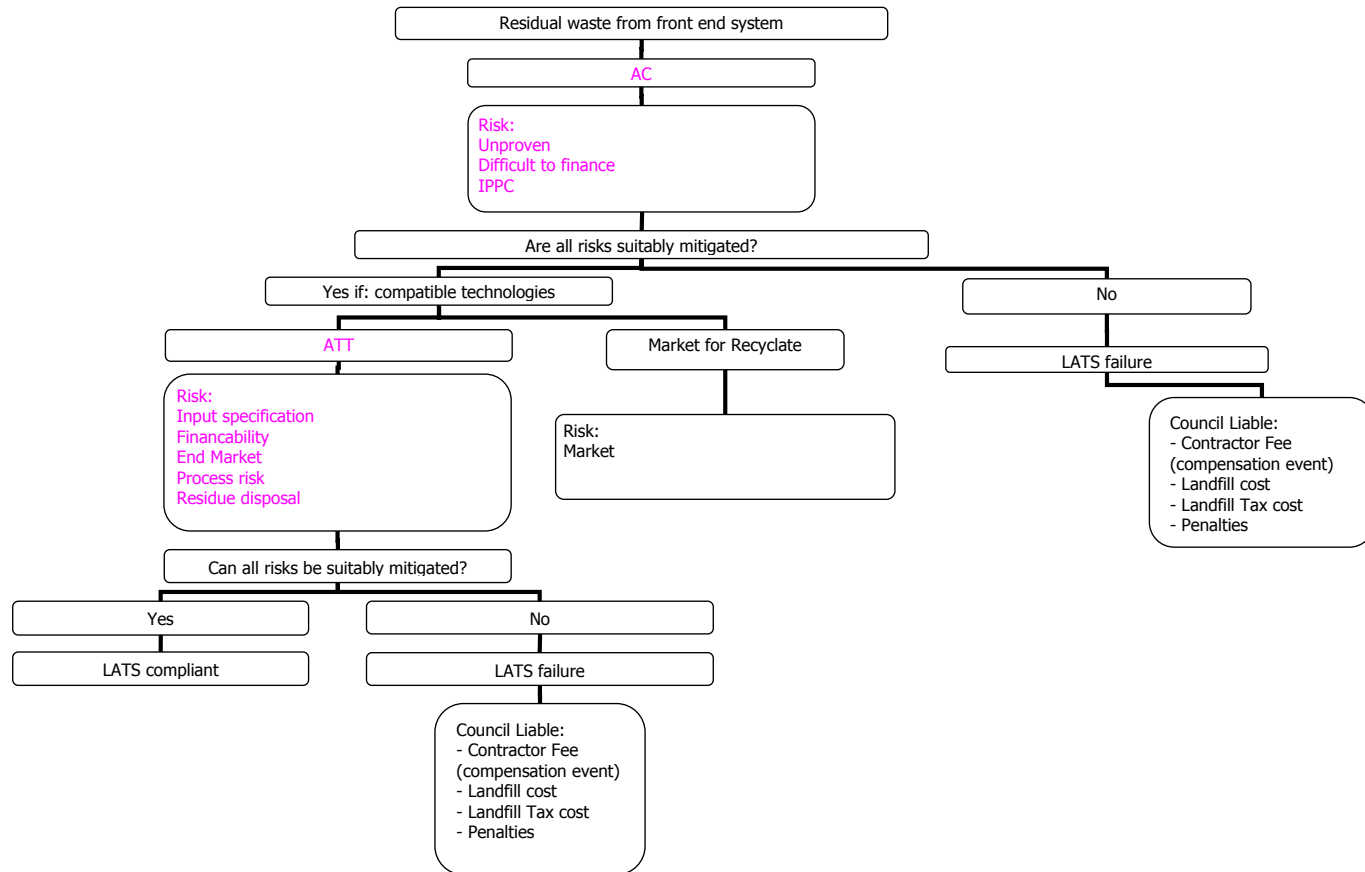
4 SCREENING + ENERGY FROM WASTE RECOVERY

Key Issues: Public acceptance. Planning scale.
Willingness of market to offer



5A AUTOCLAVE + ADVANCED THERMAL TREATMENT

Key Issues: Unproven technology. Difficult to finance



5B AUTOCLAVE + LANDFILL

Key Issues: Unproven technology.
Difficult to finance. Landfill permits.

DOES NOT COMPLY WITH LATS

