

Appendix 3 – Wastecosmart Project and Scoring

Merseyside Recycling and Waste Authority (MRWA), University of Central Lancashire (UCLAN) and C-Tech Innovation are involved in a three year European funded project, WASTECOSMART. The project involves partners from Merseyside, Turin, Amsterdam Stockholm, Larnaca and Budapest.

WASTECOSMART’s overall objective is to strengthen and increase the innovation capacity of regional research-driven clusters in resource efficiency, through cooperation, research and technological development within the waste sector.

UCLAN developed the Decision Support Framework tool (DSF), which helps to inform waste management policies and decision making. The consortium has already run workshops in Amsterdam and Stockholm. The WASTECOSMART team believes that stakeholder input is imperative to the success of this tool and the Waste Management Options Appraisal Team have been involved to ensure the issues important to Wirral have been addressed.

The DSF tool uses “effects” under four broad headings of:

- Resource Use
- Social Impact
- Economic Benefit
- Environmental Impact

Using predicted outcomes the tool has delivered the following results:

Option	Score
Business as Usual	0.60
Option 7 (3-weekly residual, weekly food)	0.70
Option 8 (4-weekly residual, weekly recycling, weekly food)	0.71
Option 9 (3-weekly residual, fortnightly food)	0.51
Option 10 (140ltr residual fortnightly, weekly food)	0.67

The “best” system using the tool is a 4 weekly residual collection, with a weekly dry recycling and weekly food recycling collection. However, this is currently not in use in the UK (apart from a very small scale trial in Fife of 2000 properties) and is a very big change for residents, involving much higher risks.

For this reason, we will focus on Options 7 and 10 as options for future waste management.

Chart to show heading and overall results using the DSF tool:

