

CARDBOARD IN THE ORGANIC WASTE STREAM (RECYCLING OPTIONS)

IMPLICATIONS OF MAIN OPTIONS (NON-FINANCIAL)

	Option	Implications	Risks	Costs
1	<p>Do nothing</p> <p>Continue to allow residents to include all card in the Brown Bin</p>	<p>IVC plant cannot continue to process the volume of card received. Fails to meet regulatory standards for the process and / or the product</p>	<p>IVC contracts fail resulting in no outlet for organic waste. All Brown Bin waste sent to landfill at a cost of c.£0.5m to County Council. Significant reputational damage.</p> <p>Reduction in EHC's recycling rate from 48% to under 20% if organic waste were sent to landfill for an extensive period.</p>	<p>No immediate operational costs for EHC although payments from County Council under the alternative financial model for landfill diversion (c.£270k in 2013/14) would be substantially reduced if organic waste were sent to landfill for an extensive period.</p>
2	<p>Require residents to put card in the Black Bin</p>	<p>No additional contract collection resources required. Bin capacity issues for some residents that have a lot of card and a full Black Bin</p> <p>Increase in complaints.</p>	<p>Problems with side waste, 'crocodile bins', and possible short term fly tipping, dissatisfaction with Council.</p> <p>Possible increase in recycling arising from residents seeking to make more space in Black Bin to accommodate card.</p> <p>Likely continued contamination of the Brown Bin unless enforced.</p>	<p>No additional contract costs for collection. Possible increase in street cleansing costs. Possible need for additional publicity depending upon level of understanding and compliance with the change.</p> <p>Possible impact on payments under the alternative financial model, but difficult to</p>

			Potential fall in public satisfaction with recycling services	quantify.
3	<p>Card moved to Black Bin / Card Bring Banks introduced</p> <p>Residents required to cease putting all card in the Brown Bin and either take it to Bring Banks or place in the Black Bin. This would be enforced after a transition period.</p> <p>Existing Paper Bring Banks converted to Paper and Card</p>	<p>No additional contract collection resources required. Bin capacity issues for some residents that have a lot of card and a full Black Bin</p> <p>Increase in complaints</p> <p>Positive message that card can be recycled, which is better for the environment than composting it.</p>	<p>Problems with 'side waste', 'crocodile bins', and possible short term fly tipping – though less than option 2, Possible dissatisfaction with Council.</p> <p>Possible increase in recycling arising from residents seeking to make more space in Black Bin to accommodate card. Likely continued contamination of the Brown Bin unless enforced.</p> <p>Potential fall in public satisfaction with recycling services</p>	<p>No additional contract costs for kerbside collection.</p> <p>Possible increase in street cleansing costs. Possible need for additional publicity depending upon level of understanding and compliance with the change.</p> <p>Additional cost of converting Bring Banks to paper and card</p>
4	<p>Card moved to Dry Recycling Service (Green Boxes) mixed with cans, plastics and glass.</p> <p>Residents required to cease putting all card in the Brown Bin and place in Recycling Box co-mingled with other materials or put in the Black Bin.</p> <p>Removal from the Brown Bin would be enforced after a transition period.</p> <p>Larger card items would need to be flattened and cut up to fit</p>	<p>Reduction in card at IVC plants ensures they can operate effectively. Risk of failure reduced.</p> <p>Significant education and publicity campaign required to explain reasons.</p> <p>Positive message that it is better for the environment if card is recycled rather than composted.</p> <p>No loss in paper income from mixing with card. Smaller loss</p>	<p>Residents dissatisfied that they need to cut up larger card items to make them fit in the Green Box (vehicles cannot accommodate large cardboard boxes).</p> <p>Recycling performance may fall as larger card items placed in Black Bin</p> <p>Possible increase in litter if card left by Green Box or Black Bin.</p> <p>Likely continued contamination of the Brown Bin unless</p>	<p>Additional collection resources required to accommodate increase in dry recyclable stream.</p> <p>Publicity cost and temporary additional staff costs</p> <p>Capital costs of providing additional boxes upon request.</p> <p>Loss in income from mixing card with cans, plastics</p>

	<p>the Green Box.</p> <p>Paper and Card Bring Banks could also be introduced for larger card items</p>	<p>in income from commingling card with other dry recyclables</p> <p>Short term increase in complaints from householders that produce a lot of card</p> <p>Positive message that card can be recycled, which is better for the environment than composting it.</p>	<p>enforced.</p>	<p>Possible increase in income from County Council under the alternative financial model for taking card out of organic waste.</p>
5	<p>Change service to wheeled bins for all dry recycling (except paper)</p> <p>Residents are provided with a new wheeled bin for dry recyclables, including cardboard. Paper is kept separate and collected in the existing blue box</p> <p>Removal from the Brown Bin would be enforced after a transition period.</p>	<p>Reduction in card at IVC plants ensures they can operate effectively. Risk of failure reduced.</p> <p>Significant education and publicity campaign required to explain reasons for change.</p> <p>Positive message that card can be recycled, which is better for the environment than composting it.</p> <p>No loss in paper income from mixing with card.</p> <p>Significant growth in recycling over time as commingled systems are easier for residents and other materials can be added. Council's recycling rate likely to increase by 4%</p>	<p>Significant change in operational arrangement (new rounds, new vehicles)</p> <p>Some residents will be unhappy at having three wheeled bins and a box. (Others may prefer it).</p> <p>Volatility of material markets present risks to budgets if prices go down over the life of the investment in new vehicles.</p>	<p>Additional contract costs</p> <p>Publicity cost and temporary additional staff costs (recycling advisors)</p> <p>Additional income from extra recycling generated</p> <p>Capital costs of providing new vehicles if funded by EHC OR additional contract costs if vehicles funded by contractor</p> <p>Capital costs of new bins</p>
