

## Proposal if separate 'fibre' (paper and cardboard) is mandated

### Current Service Provision

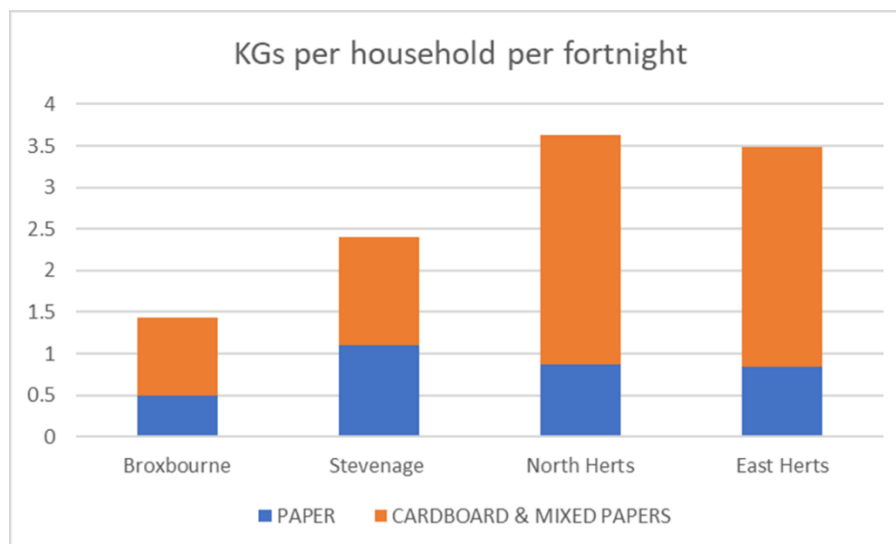
#### East Herts

- 240L Fortnightly Residual Waste
- 240L Fortnightly Mixed Dry Recycling
- 45-55L Fortnightly Paper
- Total capacity over 6 weeks = 1,575L - 1,605L
- Recycling Rate 21/22 = 46.03%

#### North Herts

- 180L Fortnightly Residual Waste
- 240L Fortnightly Mixed Dry Recycling
- 55L Fortnightly Paper
- 23L Food waste caddy
- Total capacity over 6 weeks = 1,563L
- Recycling Rate 21/22 = 57.58%

Capture rates of paper and card are shown based on two local box services and our current box and bin service.



Capture of cardboard/ mixed papers is likely to drop significantly if collected in a box only service. Proposal is therefore for a 240L bin provision for the majority of households.

### Preferred Proposal if separate fibre is mandated

- Introduce weekly food in EH
- Three weekly 180L residual waste
- Three weekly 'Fibre' bin – Paper and Cardboard
- Three weekly 'Containers' bin – plastic bottles pots, tubs, trays, film, aluminium and steel cans, glass
- Total capacity over 6 weeks = 1,458L
- Est. Recycling Rate = 58%-60%+

Capacity for households is reduced slightly from the current provision over a six-weekly cycle in line with waste minimisation principles. However, capacity provision is higher than the primary proposal recommend in the Cabinet/Executive report for three weekly residual waste with fortnightly mixed dry recycling and a fortnightly paper box.

- **Does it reduce waste?** Yes, from reduced residual bin size and reduced residual emptying cycle. Also food waste reduces when separate food waste collections are introduced.
- **Does it increase recycling?** Yes, greater capacity for recycling in bins. Also food waste captured in EHC.
- **Does it reduce fleet carbon footprint?** Carbon impacts are mitigated, reduced fleet movements for residual waste. However, introduction of new mandated services will increase fleet movements and therefore carbon impacts. Fleet movements are mitigated as far as is considered reasonably practicable.
- **Does it reduce collection costs?** Costs are mitigated reduced costs from residual waste collections but the introduction of new mandated services will increase costs. Costs are mitigated as far as is considered reasonable practicable.
- **Are East & North Service aligned?** Yes
- **Is there Capital spend?** Yes, from mandated change only.