

DON'T WASTE ANYTHING – Case Studies

Lincolnshire County Council (LED Street Lighting Upgrade)

In Early 2018 it was decided after a successful previous rollout of LED street lighting a further rollout would proceed to replace just over 25,000 street lights with LED.

LED street lighting is more efficient leading to a reduction in finances and carbon emissions but it also provides a better quality of light and requires less servicing and has a much longer life span than the sodium lamps they replace.

The £3,055,470 project funded through Salix Finance and street lighting involves replacing sodium ballasts of 25,010 street lights with LED replacements over a six year period. The project covers all the purchase and replacement costs leading by year six to an annual saving of £407,605 and 1,057.80 tonnes of carbon.

At present the project is in its third year of delivery with all units being replaced by the end of March 2024.

District Councils (Paper and card collection)

Three of the partner Waste Collection Authorities (WCAs) - Boston Borough Council, North Kesteven District Council and South Holland District Council volunteered to run pilots and give an understanding of the feasibility of implementing this two stream collection option countywide.

The trial commenced in September 2019 with the WCAs undertaking the collection of paper and card in a separate dedicated receptacle (bin or bag). 7,500 households were selected to be a part of the trial consisting of a mix of urban, semi-urban and rural properties with the paper and cardboard being collected was sent directly to a paper processor.

Supporting the operational roll out has been a comprehensive set of education, engagement and communication activities and the results of the trial after the 12 months are as follows:

- 444.82 tonnes collected (equivalent to 1.35kg per household per week)
- Presentation (participation rate) - 96.3%
- Of those bins/bags presented - 97% have been collected (i.e. contained the right things)
- Quality levels of 98.5% quality paper and card (newspaper/cardboard/mixed papers)
- Moisture levels of less than 8% - a requirement of the paper mill we send it to

Separate collections of paper and card will now be rolled out on a district-by-district basis and it is anticipated the first authority will begin separated collections in Spring 2021.

Community (Food Waste Trial)

Mint Lane café? Update to follow w/c 19th Oct

Charity that supports Lincoln residents with affordable hot lunches that have been made from supermarket reject food supplies

Tesco/Starbucks/Costa support the cafe

Nigel Curry/Food repurposing/charity?

In June 2018, the Lincolnshire Waste Partnership(LWP) commenced a trial of collecting food waste separately to the remainder of the household waste. Including assessing the amount of food waste collected, the impact on the different waste streams, recycling rates and customer participation, 4260 households were selected to participate in the trial. These households demonstrate a representative sample of urban, rural and semi-rural properties within the district.

Food waste was collected weekly from the identified households in addition to the continued alternate-weekly co-mingled dry recyclables and residual waste collections. A series of communications and engagement activities have been undertaken to increase public awareness, to assess take up and participation rates, and to gather feedback and insight from the participants in the trial.

Initial results show that:

- The majority of customers who responded to a survey (1,147 or 95.9%) agreed with the trial
- The scheme consistently collects over 6 tonnes of food waste per week
- Food waste represents approximately 12% of the waste produced
- Food waste collections increase the total amounts of waste recycled by approximately 10%

South Kesteven District Council are now continuing with the collection of food from these households independently whilst the LWP await the forthcoming government strategies to determine if this will become a mandated requirement in the future..