

# CYFARFOD PENDERFYNIADAU'R AELOD O'R BWRDD GWEITHREDOL DROS YR AMGYLCHEDD 19 GORFFENNAF 2019

<b>Yr Aelod o'r Bwrdd Gweithredol:</b>	<b>Portffolio:</b>
<b>Y Cynghorydd Hazel Evans</b>	<b>Amgylchedd</b>

## DARPARIAETH CYNHWYSYDD AILGYLCHU

### **Y Pwrpas:**

Diben yr adroddiad hwn yw cyflwyno ffordd o wella perfformiad ailgylchu Sir Gaerfyrddin drwy ddarparu Bagiau Leinio ar gyfer Cadis Gwastraff Bwyd i bob aelwyd.

### **Yr argymhellion / penderfyniadau allweddol sydd eu hangen:**

- Darparu Biniau Leinio ar gyfer Cadis Gwastraff Bwyd i bob aelwyd yn Sir Gaerfyrddin
- Dosbarthu'r bagiau leinio yr un pryd â'r dosbarthiad bagiau glas blynyddol

### **Y Rhesymau:**

Trwy ddarparu bagiau leinio ar gyfer cadis gwastraff bwyd am ddim i bob aelwyd byddwn yn cefnogi trosglwyddo gwastraff bwyd o'r bagiau du i'r cynllun ailgylchu gwastraff bwyd. Bydd hyn yn:

- cynyddu nifer y bobl sy'n cymryd rhan yn y cynllun ailgylchu gwastraff bwyd
- gwella perfformiad ailgylchu cyffredinol y Cyngor
- lleihau'r gwastraff a anfonir i safleoedd tirlenwi ac Ynni o Wastraff a chostau triniaeth
- osgoi dirwyon posibl am fethu cyrraedd targedau ailgylchu
- gwella'r modd y mae'r gwasanaethau gweithredol yn casglu bwyd gwastraff.

<b>Y Gyfarwyddiaeth</b> Yr Amgylchedd  <b>Enw Pennaeth y Gwasanaeth:</b> Ainsley Williams  <b>Awdur yr Adroddiad:</b> Daniel John	<b>Swydd:</b>  Pennaeth y Gwasanaethau Amgylcheddol a Gwastraff  Rheolwr y Gwasanaethau Amgylcheddol	<b>Rhifau ffôn/Cyfeiriadau E-bost:</b>  (01267) 224500 <a href="mailto:AiWilliams@sirgar.gov.uk">AiWilliams@sirgar.gov.uk</a>  01267 228131 <a href="mailto:dwjohn@sirgar.gov.uk">dwjohn@sirgar.gov.uk</a>
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**Declaration of Personal Interest (if any):**

None

**Dispensation Granted to Make Decision (if any):**

N/A

**DECISION MADE:****Signed:**

DATE: \_\_\_\_\_

EXECUTIVE BOARD MEMBER

The following section will be completed by the Democratic Services Officer in attendance at the meeting

Recommendation of Officer adopted	YES / NO
Recommendation of the Officer was adopted <b>subject to the amendment(s) and reason(s) specified:</b>	
Reason(s) why the Officer's recommendation was <b>not adopted:</b>	

**EXECUTIVE SUMMARY**  
**EXECUTIVE BOARD MEMBER DECISIONS MEETING FOR**  
**ENVIRONMENT**  
**19<sup>TH</sup> JULY 2019**

**RECYCLING CONTAINER PROVISION**

In order to support the transition of recycling material from the black-bag into the recycling streams we will continue to deliver rolls of blue bags to all households across the county with the annual delivery programme commencing in September.

From an analysis of black bags it has been observed that 25.8% of the black bag content in Carmarthenshire is food waste. Feedback from the recent Household Waste and Recycling Service Consultation identified that of the respondents who said that they do not currently recycle their food waste, 64% said that they would be more likely to do so if they were provided with free liners. From kerbside collection monitoring it has been observed that our current household food waste recycling participation does not exceed 50% at present.

At present Carmarthenshire is the only Authority in Wales not to provide food waste liners to residents. To further support the transition of food waste from the black-bag into the food waste recycling scheme, we propose to deliver food waste liners to all householders at the same time as the blue recycling bag delivery programme.

Last year as an Authority we recycled 6,701t of food waste equating to 75kg per household (HH) per year averaged over 89,688 households which is below the Welsh rural and national average. The better performing authorities in Wales collect around 100 kg per household per year with the highest performing collecting 120kg. If we were to improve performance to 100kg per HH per year our overall recycling tonnage would be 8,968t an increase of 34%. When we focus solely upon the participating households the average food waste recycled is 149kg per participating household per year.

The estimated costs of supplying food waste liners to all households is approximately £215,000 and is dependent upon a procurement process and will be funded from within departmental resources. A marginal increase in container delivery costs may be experienced due to the increased time in delivery for two separate containers. But delivery costs would be incurred anyway through the delivery of the blue recycling bags to households.

If we were to assume that based on the information received from our survey that 64% of the household that currently do not recycle food would do so with a liner the participation of the scheme may rise to:

- Current participating HHs: 89,688 HH x 50% = 44,844HH
- Potential HH increase with food liners: 44,844HH x 64% = 28,700HH
- Potential participating HHs: 44,844HH + 28,700HH = 73,544 HH
- Potential percentage HH participation **82%.**

When assuming that participating household currently recycle 149kg per year the total recycled food waste could potentially grow to 10,958t per year. This is obviously a very ambitious growth in food waste. So to be conservative if we were to assume a range of performance between achieving 25% -50% of this tonnage it would mean an increase of between 1,064t and 2,128t of food waste per year. Resulting in a conservative estimate increase in our overall recycling rate of between 1.29% and 2.6%.

In terms of treatment costs alone this increase in food waste would result in an approximate decrease in overall treatment spend of between £58,520 and £117,040 per year. The greater risk would be if we were to miss the statutory target of 64% in 2019/20 by the 1.29% increase identified the council would be fined in the region of £212,000.

In addition to the financial implications of this provision operational benefits are likely to be realised also. At present due to loose food being collected and deposited within the pod of the vehicle uneven load distribution in this pod results in the vehicles having to undertake tipping of this load when not at tonnage capacity. We are also experiencing food pod and panier mechanical faults leading to vehicle breakdowns; a reason identified for this is the build-up of food in the lifting mechanism from over-spilled food stored loose within the food caddies. From anecdotal information from other Authorities the containment of food in liners significantly reduces these issues, improving the efficiency of the collection and reduction in vehicle breakdowns.

In conclusion, to further support the transition of food waste from the black-bag into the food waste recycling scheme and increase the overall recycling performance, we propose to deliver food waste liners to all householders at the same time as the blue recycling bag delivery programme.

DETAILED REPORT ATTACHED?	NO
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## IMPLICATIONS

I confirm that other than those implications which have been agreed with the appropriate Directors / Heads of Service and are referred to in detail below, there are no other implications associated with this report :

Signed: Ainsley Williams

Head of Waste and Environmental Services

Policy and Crime & Disorder	Legal	Finance	ICT	Risk Management Issues	Organisational Development	Physical Assets
NONE	NONE	YES	NONE	NONE	NONE	NONE

### Finance

All recommendations are within current budgets and will potentially, dependent on the possible additional operational costs, produce efficiencies as well as avoiding WG penalty fines if recycling targets are met.

RhJ 15.06.19

## CONSULTATIONS

I confirm that the appropriate consultations have taken in place and the outcomes are as detailed below

Signed: Ainsley Williams

Head of Waste and Environmental

1. Scrutiny Committee - NA

2. Local Member(s) - NA

3. Community / Town Council - NA

4. Relevant Partners - NA

5. Staff Side Representatives and other Organisations - NA

Section 100D Local Government Act, 1972 – Access to Information

List of Background Papers used in the preparation of this report:

THERE ARE NONE