




## Caru Cymru – Local Trial

<b>Local Authority:</b>	Swansea	
<b>Project Title:</b>	New Park Bins	
<b>Issue addressed:</b>	<i>Misuse of bins, environmental and wildlife issues</i>	
<b>Brief outline:</b>	Swansea Council are introducing new multipurpose, reduced aperture bins (MPBs) for mixed general waste and dog foul at sites where bin facilities are old, absent or not fit for purpose. This aims to reduce the misuse of bins and litter around sites, and reduce problems associated with environmental and/or animal disturbance. The trial will assess the effectiveness of new bins on site cleanliness in 3 Swansea parks.	
<b>Timescales:</b>	<b>Start Date: Nov 2022</b>	<b>End Date: March 2023</b>
<b>Project Outline</b>		
<b>What is LEQ problem?</b>	<p><i>Littering and bin misuse around public parks/walkways. Environmental and animal disturbance. An example of the bins to be removed are pictured below.</i></p> <div style="display: flex; justify-content: space-around;">    </div>	
<b>Who is the target audience?</b>	<i>Public</i>	
<b>Where will you run it? (+ What 3 Words location if possible)</b>	<p><i>Argyle Park (Gorseinon), Coed Bach (Pontarddulais) and Coed Gwilym (Clydach)</i></p> <p>New MPBs also installed in Blaenymaes, Duvant Park, Jersey Park (Port Tennant), Llewellyn Park (Landore), Pontlliw Park, Loughor Foreshore</p>	
<b>What is the intervention?</b>	<i>New bins and signage, bins procured by Swansea Council</i>	
<b>What is the gross cost of intervention to KWT (including vat, postage etc)? Add links if possible</b>	<p><i>Materials and equipment fund of £14,850 for bins and signage –</i></p> <ul style="list-style-type: none"> <li><i>· £275p/unit - 54 MPBs procured following a larger procurement exercise (note a further 112 MPBs agreed for more parks)</i></li> <li><i>· Stickers to be attached retrospectively and funded separately at a cost of (£436.76 for 500)</i></li> </ul>	

<p><b>New Bins &amp; Stickers</b></p>	 
<p><b>Who is procuring the intervention?</b></p>	<ul style="list-style-type: none"> <li>· Swansea Council are undertaking the physical measures (bin installation)</li> <li>· Stickers with CC/KWT logos developed by KWT Comms/Policy in partnership with Swansea Council</li> <li>· Printing through Council (via Designprint)</li> </ul>
<p><b>What are you trying to measure?</b></p>	<ul style="list-style-type: none"> <li>· Reduction of litter</li> <li>· Greater use of bins</li> </ul> <p><i>Dog owners can use the new multipurpose bins without having to lift a lid (to which some owners have an aversion to and is the case with existing dog bins) and the reduced aperture will help to discourage any potential bin misuse. We anticipate that these new bins will significantly reduce the amount of litter (including bags of dog waste) in our parks. The old open-topped bins were not fit for purpose as they were susceptible to the effects of adverse weather conditions and scavenging birds and animals, which routinely scattered litter from the bins and across the environment. The new bins are also being used to replace much of our existing stock on the adopted highways, providing bin consistency across the authority to avoid confusion amongst the public. These multipurpose bins also make it clear to users what they can be used for.</i></p>
<p><b>Who will be involved?</b></p>	<p><b>Keep Wales Tidy:</b> Pam Bacon (Regional Manager); Phil Budd (Swansea PO); Angharad James (Policy Officer) and Comms team (graphics, messaging).  <b>Swansea Council:</b> Stuart Willingale (Team Leader – Cleansing Strategy), Rob Andrews (Operational Area Manager) (Caru Cymru leads)</p>
<p><b>Monitoring and Evaluation</b></p>	
<p><i>Note: Please email policy lead if support is needed with this element</i></p>	
<p><b>What monitoring is in place for the project?</b></p>	<ul style="list-style-type: none"> <li>· Survey all sites prior to interventions</li> <li>· Monitoring carried out on the same day each week, at the same time (AM/PM) by Phil and Angharad</li> <li>· Has the bin been misused? Is there rubbish on top or alongside? Has there been any fly tipping? Has any misuse of the bin been transferred to other bins on site? [Check 5m radius around bin]</li> <li>· Monitor for 2 weeks prior to intervention and 4 weeks after</li> </ul>

	<ul style="list-style-type: none"> <li>· <i>Monitor social media – Are people engaged? Are they sharing photos on community pages?</i></li> </ul>
<b>Trial Report</b>	
<b>Headline results</b>	New MBPs and bin rationalisation have reduced flytipping/misuse in Gorseinon/Clydach. Litter is still an issue in places but new MBPs are being well used and have been well received.
<b>Data and outcomes (including any unexpected outcomes)</b>	<p>Findings suggests that bin location &amp; convenience (eg. close to car park/park entrance = easy access) contribute more to misuse rather than the bin design itself, although bin design reduced animal/weather disturbance.</p> <p>Bin rationalisation around parks has worked well. Despite there now being less bins in some parks, the new bin locations provide effective spatial coverage.</p> <p>Delays between baseline data and post intervention data may affect data quality (e.g. misuse events tend to happen more in winter/darker months?)</p> <p>Bins were also installed to the Ravine area of Blaenymaes, where no bins previously existed (bins were historically misused/vandalised in the area and previously removed by Council). Following involvement of the local primary school, Pobl (host local Litter Free Zone), a local Councillor, feedback from local Litter Champions, and Blaenymaes drop-in Centre (Litter Hub), it was agreed to install new bins to the area. So far, feedback from the community has been very positive and there have been no reports so far of misuse or vandalism.</p>
<b>Lessons</b>	<p>Clear signage on what bins can be used for is important but more education and/or time for changes to be bedded in community required.</p> <p>Methods for surveying bins – quantify litter before and after interventions, not just categorise.</p> <p>Social media is an active tool for promoting activities within local parks and engaging with park dwellers whilst on site allowed us to understand areas with issues (eg. one issue highlighted was that there was no bins on new cycle track route). New bins were a topic of conversation on various “Friends Of” groups, and the general feedback is positive (eg. “New bins are a big improvement on the old ones.”)</p>
<b>Opportunities</b>	<ul style="list-style-type: none"> <li>· Engagement with communities within local parks highlights issues within the area (eg., no bins on new cycle track from Grovesend to Pontarddulais).</li> <li>· Consultation with community groups beforehand? (eg. about bin placement/location/anything missed)</li> </ul>