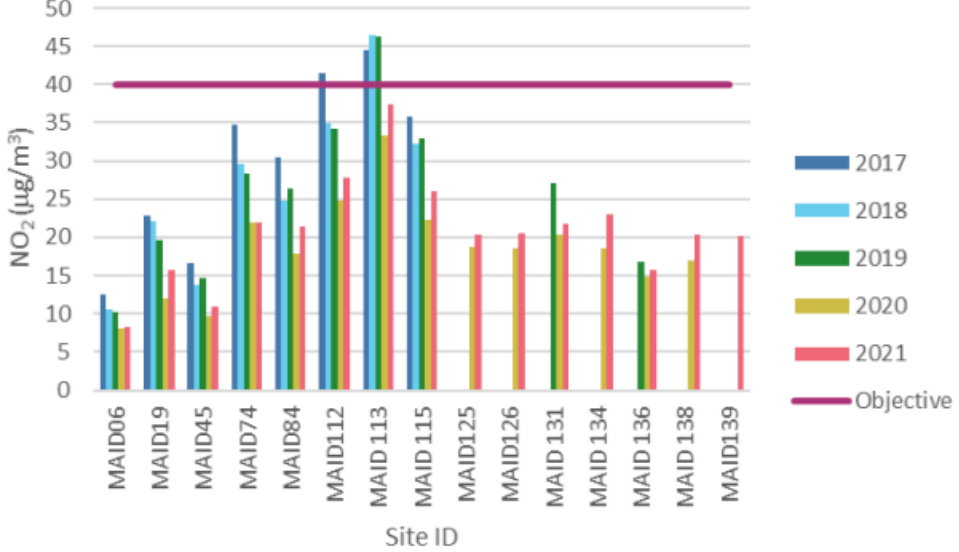
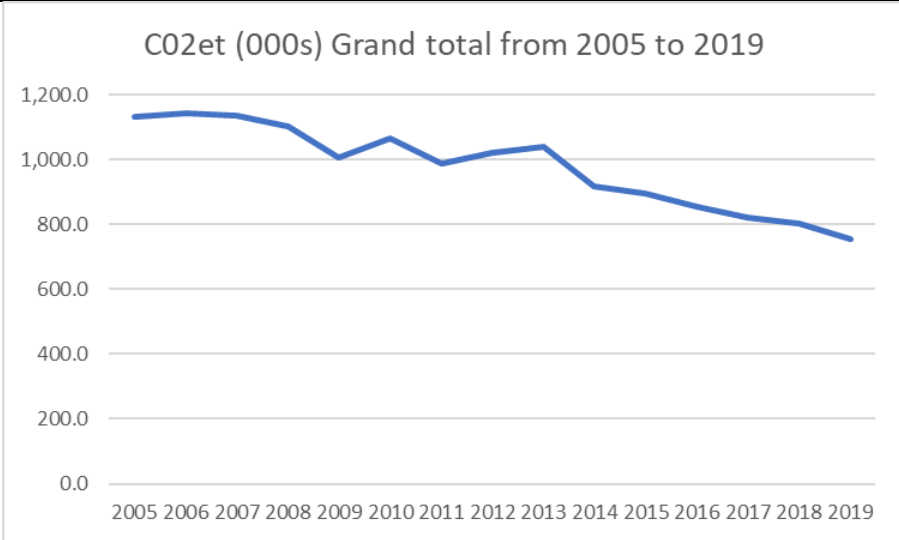


Appendix 2: Key Performance Indicators

The purpose of the indicators is to provide a focus for strategic and operational improvement to the Biodiversity and Climate Change Action Plan, create an analytical basis for decision making and prioritisation, and ensure the council is monitoring its progress toward its climate and biodiversity commitments. Thematic Key Performance Indicators in the table below show overall progress of the implementation of the Action Plan.

Action Plan Theme	Key Performance Indicators	Progress																																																																																																
1. Active travel and green transportation	a. Improvement in Borough wide Air Quality	 <p>The chart displays NO₂ levels in µg/m³ for 14 sites (MAID06 to MAID139) across five years (2017-2021) and an objective line at 40 µg/m³. The y-axis ranges from 0 to 50. The legend indicates: 2017 (dark blue), 2018 (light blue), 2019 (green), 2020 (yellow), 2021 (red), and Objective (purple line).</p> <table border="1"> <caption>Approximate NO₂ levels (µg/m³) by Site ID and Year</caption> <thead> <tr> <th>Site ID</th> <th>2017</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr><td>MAID06</td><td>13</td><td>11</td><td>10</td><td>8</td><td>8</td></tr> <tr><td>MAID19</td><td>22</td><td>20</td><td>19</td><td>16</td><td>15</td></tr> <tr><td>MAID45</td><td>16</td><td>15</td><td>14</td><td>11</td><td>11</td></tr> <tr><td>MAID74</td><td>34</td><td>29</td><td>28</td><td>22</td><td>22</td></tr> <tr><td>MAID84</td><td>30</td><td>26</td><td>25</td><td>18</td><td>18</td></tr> <tr><td>MAID112</td><td>41</td><td>34</td><td>34</td><td>25</td><td>27</td></tr> <tr><td>MAID113</td><td>44</td><td>46</td><td>46</td><td>33</td><td>36</td></tr> <tr><td>MAID115</td><td>36</td><td>33</td><td>32</td><td>22</td><td>25</td></tr> <tr><td>MAID125</td><td>-</td><td>-</td><td>-</td><td>19</td><td>20</td></tr> <tr><td>MAID126</td><td>-</td><td>-</td><td>-</td><td>19</td><td>20</td></tr> <tr><td>MAID131</td><td>-</td><td>-</td><td>27</td><td>21</td><td>21</td></tr> <tr><td>MAID134</td><td>-</td><td>-</td><td>-</td><td>19</td><td>23</td></tr> <tr><td>MAID136</td><td>-</td><td>-</td><td>17</td><td>16</td><td>16</td></tr> <tr><td>MAID138</td><td>-</td><td>-</td><td>-</td><td>17</td><td>20</td></tr> <tr><td>MAID139</td><td>-</td><td>-</td><td>-</td><td>-</td><td>20</td></tr> </tbody> </table> <p>There is a year-on-year decrease for most pollution monitoring sites since 2017 across the borough air quality 40µg/m³ or lower. In 2020, there was a drop in NO₂ levels, as a result of the lockdowns, in 2021 data mostly shows a small increase compared to 2020 level, however this is not as high as pre-pandemic levels.</p>	Site ID	2017	2018	2019	2020	2021	MAID06	13	11	10	8	8	MAID19	22	20	19	16	15	MAID45	16	15	14	11	11	MAID74	34	29	28	22	22	MAID84	30	26	25	18	18	MAID112	41	34	34	25	27	MAID113	44	46	46	33	36	MAID115	36	33	32	22	25	MAID125	-	-	-	19	20	MAID126	-	-	-	19	20	MAID131	-	-	27	21	21	MAID134	-	-	-	19	23	MAID136	-	-	17	16	16	MAID138	-	-	-	17	20	MAID139	-	-	-	-	20
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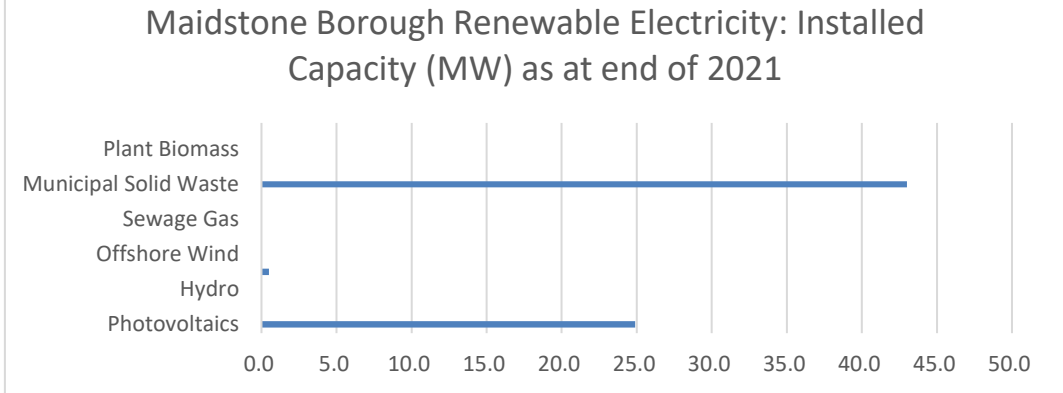
	<p>b. Borough wide carbon reduction</p>	 <p>CO2et (000s) Grand total from 2005 to 2019</p> <table border="1"> <thead> <tr> <th>Year</th> <th>CO2et (000s)</th> </tr> </thead> <tbody> <tr><td>2005</td><td>1130.9</td></tr> <tr><td>2006</td><td>1130.9</td></tr> <tr><td>2007</td><td>1130.9</td></tr> <tr><td>2008</td><td>1130.9</td></tr> <tr><td>2009</td><td>1130.9</td></tr> <tr><td>2010</td><td>1130.9</td></tr> <tr><td>2011</td><td>1130.9</td></tr> <tr><td>2012</td><td>1130.9</td></tr> <tr><td>2013</td><td>1130.9</td></tr> <tr><td>2014</td><td>1130.9</td></tr> <tr><td>2015</td><td>1130.9</td></tr> <tr><td>2016</td><td>1130.9</td></tr> <tr><td>2017</td><td>1130.9</td></tr> <tr><td>2018</td><td>1130.9</td></tr> <tr><td>2019</td><td>754.2</td></tr> </tbody> </table> <p>Borough wide carbon emissions have reduced by 1,130.9 to 754.2 (These cover territorial emissions of CO2, CH4 and N2O)¹. Or a -33% Percentage change between 2005 to 2019 in CO2 emissions per sq km.</p>	Year	CO2et (000s)	2005	1130.9	2006	1130.9	2007	1130.9	2008	1130.9	2009	1130.9	2010	1130.9	2011	1130.9	2012	1130.9	2013	1130.9	2014	1130.9	2015	1130.9	2016	1130.9	2017	1130.9	2018	1130.9	2019	754.2
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	<p>c. Number EVs charge points across the borough</p>	<p>There are currently 65 public EV charging points in Maidstone Borough. According to government targets, Maidstone should aim to install 862 EV charging points by 2030.</p>																																
<p>2. Decarbonising and insulating homes and buildings</p>	<p>a. EPC category improvements</p>	<p>Of 65,000 house EPC's produced in the borough 48% are A-C and 52% are D-G. Since 2017 it looks like 15,760 have become EPC C or higher².</p>																																

¹ [UK local authority and regional greenhouse gas emissions national statistics](#)

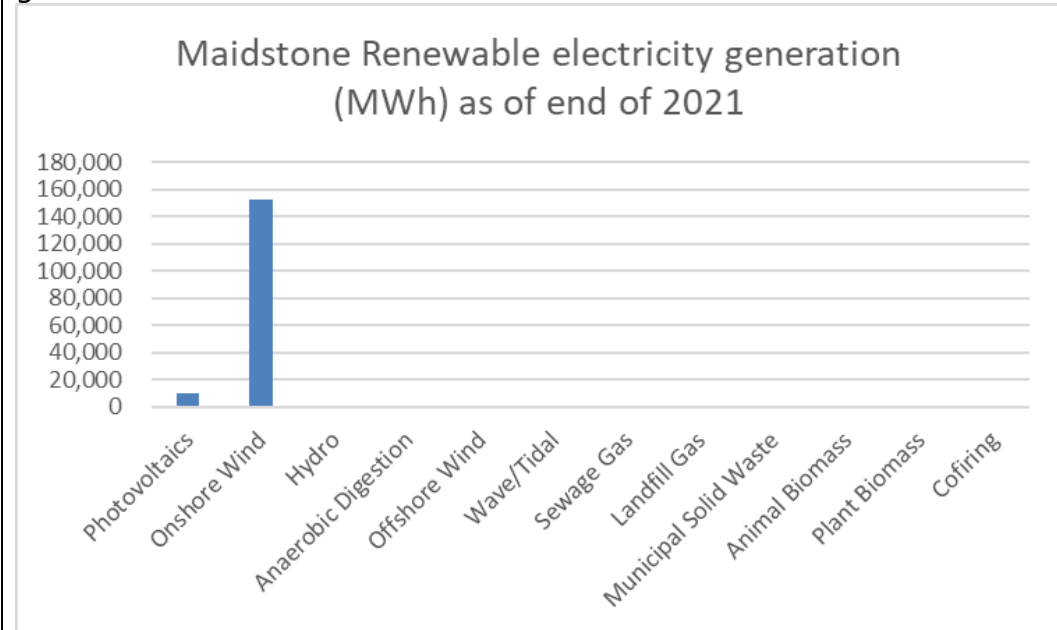
² [Department for Levelling Up, Housing & Communities: Energy Performance of Buildings Data: England and Wales](#)

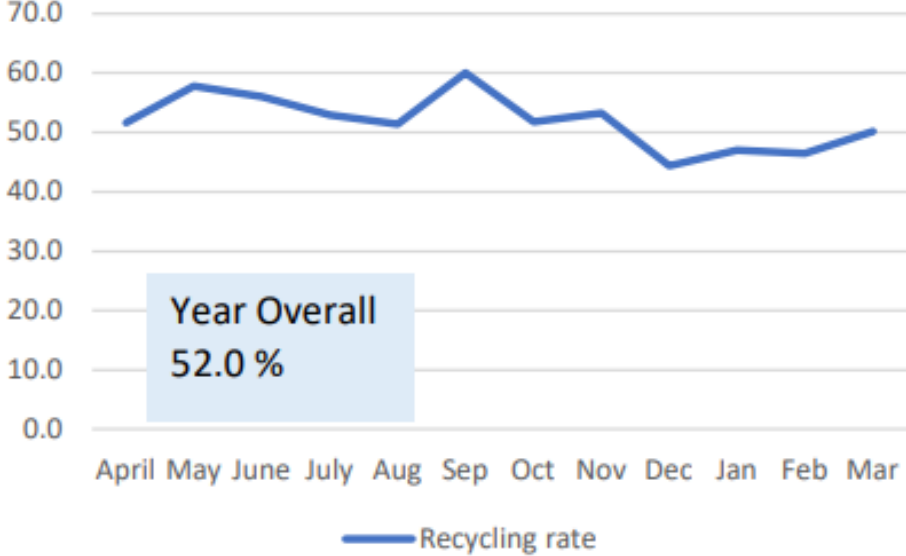
3. Generating renewable energy

a. Level of installed capacity of clean energy (GWh) across borough



Maidstone Borough has an installed capacity of 68.4MW of renewable electricity installed and a total of 163,242MWh Renewable electricity generation as of the end of 2021.



<p>4. Reducing waste and increasing energy efficiency</p>	<p>a. Reduction in solid waste in tonnes across borough</p>	<p style="text-align: center;">2021/22</p>  <p style="text-align: center;">Year Overall 52.0 %</p> <p style="text-align: center;">— Recycling rate</p> <p>52% of waste in Maidstone borough is reused, recycled or composted.</p>
<p>5. Adapting to climate change</p>	<p>a. Sustainable (climate and biodiversity) Policies adopted as part of local plan review/DPD</p>	<p>TBD</p>
<p>6. Enhancing and increasing biodiversity</p>	<p>a. Increase in Forest area as a proportion of total land area and protected, restored</p>	<p>784ha additional land or change of land for tree planting and rewilding to increase canopy cover by 2% (Maidstone total 39,342ha). 71,000 trees planted per year for 17 years. In 2022 approximately</p>

	existing trees, hedgerow, and woodland	
	b. Amount of Protected area coverage of important biodiversity areas and access to natural green space	TBD
	c. Reductions in water source nitrates and phosphate levels	Information gathered by the Environment Agency in Table 5.9 shows the ecological and chemical status of water bodies in and around Maidstone. In total, 73% of water bodies have been classified as moderate in terms of ecological status or potential (this figure excludes groundwater bodies). 85% of water bodies have a chemical status of good ³ .
7. Making our estate carbon neutral	a. Reduction in Carbon Emission Scope 1 and 2 (tonnes of CO2 equivalent) primarily monitored from the MBC estate and fleet	Awaiting completion of Carbon Dashboard system integrating MBC buildings and Fleet for updated 2022 carbon footprint to compare to 2020 baseline.
8. Communications and engagement strategy	a. Increase in engagement events on climate and	There were 0 Biodiversity and Climate Change focused events held in 2021. There have been 17 separate events held in 2022, supported, facilitated or developed by MBC, including: <ul style="list-style-type: none"> • The Vegetarian Food Festival

³ [Authority Monitoring Reports 20-21](#)

	biodiversity related issues	<ul style="list-style-type: none"> • World Bee Day • LUSH Bubble Bar Workshop • Active Travel Day with San Fairy Ann Cycling Club • Intro to Heat Pumps Talk • Communigrow Workshop - Making mini bug hotel • MBC Staff Energy Clinic • Kids Craft Morning – making wildflower seed bombs • Climate & Health Talk • Small Changes Towards Sustainable Living Talk by the Bare Bazaar • Communigrow workshop- make natural plant labels • Sustainable Business Event • Vegetarian Society talk recipes
9. Sustainable decision-making processes and governance	a. Reduction in Scope 3 Carbon Emission (tonnes of CO2 equivalent) from procurement (contracts and services)	TBD
	b. Change in staff milage, active travel, miles reclaimed	TBD