



To: **Greener Renfrewshire Thematic Board**

On: **3 June 2015**

Report by:

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## **GREENER RENFREWSHIRE - PROGRESS AGAINST TARGETS AND PROPOSED REVISIONS TO SINGLE OUTCOME AGREEMENT**

### **1. Summary**

- 1.1 The Greener Renfrewshire Board has responsibility for co-ordinating and driving multi-agency activity to ensure that we achieve our long term vision that: 'Renfrewshire will be a clean and attractive location, providing a healthy, inviting and pleasant environment in which to live, work and do business through the promotion of sustainable patterns of travel and development, the efficient management of energy and the treatment of waste as a valuable resource'
- 1.2 The Greener Renfrewshire element of the Single Outcome Agreement clearly sets out our agreed outcomes together with the one, three and ten year targets for each of the impact measures. At the last meeting of the Board, an interim progress report against targets was considered that showed up to date progress of the plan. At the meeting it was noted that further work would be undertaken to refine the detail of performance information in future years, building on the experience of the Board to date and refining the level of detail available to the Board in order to monitor progress more effectively.
- 1.3 This work has been ongoing and details of a refreshed suite of indicators are included within this report, for approval prior to being submitted for the approval of the Community Planning Partnership Board.
- 1.4 Please, note that performance of impact measures presented in this report link directly to actions undertaken by the partners under each sub group. Section 4 of this report provides progress against each sub group's activities together with a scorecard of performance indicators which support the delivery of the headline impact measures.





## **2. Recommendations**

2.1 It is recommended that the Board

- a) Notes the performance against impacted measures as highlighted in Section 4; and
- b) Agrees the performance measures being used to support delivery of the headline indicators included in the Greener Renfrewshire element of the Single Outcome Agreement.

## **3. Background**

3.1 Renfrewshire Community Planning Partnership is committed to ensuring that its resources are deployed wisely to achieve best value. An open and rigorous performance culture has been embedded within the partnership and promotes collective responsibility for achieving outcomes. Clear accountability and reporting is an important aspect of the approach.

3.2. The Renfrewshire Community Plan/Single Outcome Agreement 2013-2023 was approved by Renfrewshire Community Planning Partnership Board on 12 June 2013 and was subsequently 'signed off' by the Minister for Local Government and Planning in August 2013.

3.3. Following this, the Greener Thematic Board was established with responsibility for co-ordinating and driving multi-agency activity to ensure that we achieve our long term vision that:

'Renfrewshire will be a clean and attractive location, providing a healthy, inviting and pleasant environment in which to live, work and do business through the promotion of sustainable patterns of travel and development, the efficient management of energy and the treatment of waste as a valuable resource'.

3.4. In 2013, when the Community Plan was agreed, there was limited awareness of the full range of activities and outcomes that might be achieved through the Greener Renfrewshire Thematic Board. Significant progress has been made in developing a wider range of outcome measures and in better understanding the Greener agenda. The interim progress report, which was submitted to the Board in March 2015, contained a range of proposed headline measures and supporting indicators which provide more comprehensive information on the work which is ongoing to help deliver key impact measures agreed within the plan. Sections 5 – 8 of this report, therefore, contain an update on this revised Single Outcome Agreement for the Greener Renfrewshire element of the Community Plan.



- 3.5. The Greener Renfrewshire Thematic Board has now met on 11 occasions and has established four sub-groups, each led by relevant partners and supported by key officers:- Greener Communities; Greener Housing; Greener Transport; and Carbon Management and Waste Reduction. Meetings have been held at Barnbrock Farm in Clyde Muirshiel Park, Engage Renfrewshire, SPTE, Keep Scotland Beautiful HQ, Linstone Housing Association, Glasgow Airport and St Mirren Football Club with relevant presentations from hosts and participants.

## **4. Progress on Sub Groups' Key Activities**




- 4.1 Regular reports on progress of the ongoing work carried out by each of the four sub groups are submitted to the Thematic Board. A comprehensive scorecard of supporting indicators has been created for each of the sub groups, detailing the progress achieved on delivery of the high impact measures as detailed on the Greener Renfrewshire element of the Single Outcome Agreement.

## **5. Greener Communities**

- 5.1 The Greener Communities sub-group is led by John Wilby (Forum for Empowering Communities) and supported by Ian Cunningham (Engage Renfrewshire). Its main aim is to work with partners and community groups to develop and manage sustainable and vibrant local communities. Where appropriate, this includes promoting asset transfer by lease or sale to viable community organisations and looking at local projects to grow, reuse and use food and other materials sourced locally with communities. Over the next year, significant effort will be given to promoting and developing the Stalled Spaces initiative and building and developing community engagement across Renfrewshire.
- 5.2 A separate report has been submitted to this Board detailing the progress which has been made by the Greener Communities sub-group. The scorecard of indicators below provides some details of the supporting measures which are helping the sub group achieve the high level impact measures of the Single Outcome Agreement.



### 5.3 Greener Communities Performance Scorecard

Urban Vacant and Derelict Land Sites					
Headline indicator	Status	Baseline data (2012/13)	2013/14	2013/14	Next Target
			Value	Target	
Reduction on the number of urban vacant and derelict land sites.		171	170	169	166
Supporting data					
Reduction on the level of urban vacant and derelict land. (Hectares)		239	231	235	219
Number of sites identified for community ownership		n/a	2	5	5
Number of projects identified to take advantage of the Stalled Spaces programme	New from 2015/16				7
Amount of funding allocated for Stalled Spaces projects	New from 2015/16				£10,000
Progress update					
<p>The 2014/15 data on the number of urban vacant and derelict land sites will not be available until July 2015.</p> <p>Community Resources have received £10,000 funding from Architecture &amp; Design Scotland for the Stalled Spaces programme (a further £10,000 in match funding will be provided by the Council). The programme aims to target un-used or under-used spaces, particularly in urban areas. The aim is to fund 7 - 10 projects, where it is anticipated that the majority of projects funded will be in the region of £2,000 with some larger projects funded up to £5,000. The fund opened in April 2015 and each round of applications will be judged at each meeting of the Greener Thematic Board.</p> <p>Two Stalled Spaces community engagement events were held during May 2015 at the offices of Engage Renfrewshire. Representatives from Architecture &amp; Design Scotland attended these events together with community group members for existing Stalled Spaces projects across the country. A presentation was delivered by officers from Glasgow City Council where the programme has been running for a number of years. Targeted invitations were issued to members of Engage Renfrewshire, environmental community groups, the Growing Grounds forum, education establishments (UWS and West College Scotland) as well as theatre groups (PACE, Starlight, etc). A separate report has been submitted to this report providing an update on the progress of the Stalled Spaces programme.</p>					



Renfrewshire Green Network					
Headline indicator	Status	Baseline data (2012/13)	2014/15	2014/15	Next Target
			Value	Target	
The quality, quantity and diversity of the Renfrewshire Green Network	✓	100	n/a	n/a	110
Supporting data					
Number of projects identified to enhance Renfrewshire's Green Network	✓	12	12	10	10
The number of projects delivered to enhance Renfrewshire's Green Network	✓	12	10	8	10
% of Renfrewshire residents satisfied with local greenspaces	✓	66%	71% (2013/14)	tbc	tbc
Progress update					
<p>The quality, quantity and diversity of the Renfrewshire Green Network was measured through a Green Network Indicator Report carried out at the end of 2013 by the Glasgow &amp; Clyde Valley Green Network Partnership – this exercise will be repeated late 2016/early 2017.. Over the last 5 years a total of 62 projects have been delivered across Renfrewshire to enhance Renfrewshire's Green Network.</p> <p>Some of the projects completed during 2014/15 include the Grand Fountain Restoration project; Phase 4 of the Linwood Lade Project; and Saucelhill Park lighting NCN route. A detailed report on the Local Green Network projects will be submitted to the next meeting of the Greener Renfrewshire Thematic Board.</p> <p>The Scottish Household Survey measures the satisfaction level of residents with local greenspaces – Renfrewshire has achieved an increase in satisfaction levels of 5% in the most recently published data.</p>					



Developing Community Engagement					
Supporting indicators	Status	Baseline data (2013/14)	2014/15	2014/15	Next Target
			Value	Target	
'Pride in Renfrewshire' - number of residents who have signed the Greener Pledge	✓	n/a	100	100	500
Supporting Young Reporters for the Environment	⚠	n/a	n/a	Gather interest	All secondary schools participating
Conducting audit of community groups	✓	n/a	n/a	n/a	Completion by June 2015
Progress update					
<p>Residents have been asked to make a Greener Pledge at various Your Community events including the Community Resources Showcase held in October 2014. The representatives from the Greener Communities sub-group will publicise the pledge to their members and representatives to ensure the target of 500 is achieved. An email newsletter is being developed and will be issued in line with Local Area Committee meeting cycles.</p> <p>Several secondary schools in Renfrewshire have signed up to the Young Reporters for the Environment programme. Discussions have been held with Keep Scotland Beautiful and West College Scotland have agreed to be involved.</p> <p>The Audit of Community Groups is underway with the purpose of gathering information on core Greener community groups, their current activity and future plans for Greener developments. The information gathered will be presented to the board once complete.</p>					

## 6. Greener Transport

- 6.1 The Greener Transport is led by Ross Nimmo (Glasgow Airport) and supported by John Binning (SPTE) and Scott Allan (Renfrewshire Council). Partners involved in the sub-group have agreed to work towards infrastructure improvements which provide realistic and affordable alternatives to car use. These include introduction of alternative fuel vehicles, new walking and cycling routes, new bus routes and an alternative transport route to Glasgow Airport.
- 6.2 A separate report has been submitted to this Board detailing the progress which has been made by the Greener Transport sub-group. The scorecard of indicators below provides some detail of the supporting measures which are helping the sub group achieve the high level impact measures on the Single Outcome Agreement.




## 6.3 Greener Transport Performance Scorecard


Percentage of Vehicle Fleet which uses Alternative Fuels					
Headline indicator	Status	Baseline data (2013/14)	2014/15	2014/15	Next Target
			Value	Target	
% of the vehicle fleet which uses alternative fuels, such as electricity		0.8% (2011/12)	3.6%	2.25%	2.5%
Supporting data					
Number of electric vehicles in Renfrewshire Council vehicle fleet		5	15	15	22
Number of electric vehicle charging points in place across Renfrewshire (Council/CPP)		n/a	18	n/a	26
Number of privately installed electric vehicle charging points across Renfrewshire		n/a	57	n/a	60
Number of vehicle charges carried out at Renfrewshire CPP electric vehicle charging points		1,158	1,332	n/a	1,900
Kw of electricity used at Renfrewshire CPP electric vehicle charging points		8,939	11,100	n/a	16,000
Progress update					
<p>In 2013/14 the % of the vehicle fleet using alternative fuels, such as electricity failed to meet the target set. During 2014/15, a further 12 electric vehicles were purchased as part of the overall vehicle replacement programme, bringing the total number of electric vehicles to 15, exceeding the target of 2.25%. The purchase of further electric vehicles is planned throughout 2015/16 and this will result in electric vehicles making up more than 5% of the vehicle fleet, exceeding the 10 year target set.</p> <p>As well as the increase in the number of electric vehicles in the fleet, there are currently 18 electric vehicle charging points in place across Renfrewshire, which have been installed through the Community Planning Partnership. A further 8 charging points are planned during 2015/16, bringing the total to 26. A consultation which has been held with local business and employers has revealed that there are 57 privately installed electric vehicle charging points for use by employees and visitors with 15 of these available for public use.</p> <p>A new Transport Scotland electric vehicles initiative will continue during 2015/16. The project offers free, evidence based analysis of public sector fleets to identify new opportunities for the cost effective deployment of electric vehicles. We have approached Transport Scotland regarding the availability of any further funding streams for the purchase of further vehicles or installations of charging points and await their response.</p>					



## CO2 Emissions from the Public Vehicle fleet

Headline measure	Status	Baseline data (2013/14)	2014/15	2014/15	Next Target
			Value	Target	
Amount of CO <sup>2</sup> emitted by the public vehicle fleet		3,523	3,570	3,450	3,170


### Supporting data

Total CO <sup>2</sup> emissions from Renfrewshire Council staff business mileage		516	527	n/a	n/a
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### Progress update

The CO2 emissions from Renfrewshire Council's fleet are calculated based on fuel usage. Additional driver training has been provided and rev limiters installed to promote more efficient driving. These measures, together with the introduction of electric vehicles to the council fleet should enable the achievement of the long term targets. Around 7% of all diesel used by Renfrewshire Council fleet is bio-diesel which also helps reduce emissions.

## Air Quality Management Areas within Renfrewshire

Headline indicator	Status	Baseline data (2012/13)	2014/15	2014/15	Next Target
			Value	Target	
Number of air quality management areas within Renfrewshire		1	1	1	1

### Supporting data

% of air quality monitoring sites which exceed nitrogen dioxide limits		New from 2015/16			22%
Air quality – nitrogen dioxide value of sites exceeding limits		New from 2015/16			46

### Progress update

New indicators have been created for 2015/16 to measure the nitrogen dioxide levels at the air quality measuring sites across Renfrewshire. There is a network of passive diffusion tubes across Renfrewshire which, on a monthly basis, are refreshed with the exposed tubes being taken to Glasgow Scientific Services for analysis. The analytical data is collated and on an annual basis the information is ratified by specialist advisors to the Scottish Government. The targets which have been set for 2015/16 for these new indicators reflect what are acceptable levels of nitrogen dioxide (NO<sub>2</sub>).

The environmental improvements team has finalised the Local Air Quality Management progress report for 2014. Further detailed investigation of Renfrew and Johnstone Town Centres, as well as some residential areas that bound the M8 motorway is required. Work is currently underway with specialist advisers to undertake the required work. The next step will be to carry out modelling work to assist in identifying measures to continue to improve air quality in town centres.

Work is ongoing to change the sequencing of the traffic lights on the one way system in Paisley town centre to improve the traffic flow and reduce the number of stationary vehicles, therefore reducing emissions.

We have been successful in obtaining government funding of £35,000 for use in our work to improve air quality within Renfrewshire. £10,000 of this is to be used for monitoring equipment and meetings are underway to decide on a project which can be funded by the remainder of the grant, which will have an impact on air quality in Renfrewshire.



## Reduction in the Number of Car Journeys to School

Headline indicator	Status	Baseline data (2012/13)	2014/15	2014/15	Next Target
			Value	Target	
% Reduction in car journeys to school		22%	20.5%	19.6%	18.4%

## Supporting data

Number of Renfrewshire schools participating in the Bikeability cycle training scheme		n/a	22	tbc	60
Km of new cycle route created in Renfrewshire		n/a	tbc	tbc	1.5

## Progress update

The percentage of children who travelled to Renfrewshire's Primary and Secondary schools by car in 2014 was 20.5% which is slightly less than the previous year, with almost 60% of children either walking or cycling. This data is taken from the annual Sustrans National Hands-up Survey which takes place in September of each year. We also encourage walk to school weeks and other individual schemes in schools which fit into health and eco schools projects.

We co-ordinate the Bikeability cycle training scheme and in the last year 22 schools participated in this scheme which, it is hoped, will encourage more children to cycle to school. The target is to ensure all 49 primary and 11 secondary schools across Renfrewshire participate in the scheme.

Plans are in place for the creation of a new cycle route between Renfrew and Inchinnan as part of the City Deal project.

## Increased use of Public Transport

Supporting data	Status	Baseline data (2013/14)	2014/15	2014/15	Next Target
			Value	Target	
Bus route enhancements – number of bus boarders installed across Renfrewshire		11	17	n/a	tbc
WORKBUS Scheme – number of employment sites identified to pilot the scheme		3	3	n/a	5
Generate a 20% reduction in car travel by year 10 at specifically identified major employment locations		n/a	tbc	n/a	5% reduction

## Progress update

At the end of 2014/15 a total of 17 bus boarders were in place across Renfrewshire. Priority has been given to the major routes: Glasgow/Linwood and Glasgow/Renfrew. A further 4 bus boarders are planned for Erskine during 2015/16. These are funded through the SPT grant for public transport infrastructure.

The group are identifying the top 10 journey generating employers and developing a co-ordinated suite of green travel plans and pilot WORKBUS schemes to deliver a 5% reduction in car travel by year 3 and 20% reduction by year 10.

Plans to identify the top five journey generating employment sites, collect staff travel to work data and use it together with existing data to evaluate the potential for a pilot WORKBUS scheme.




Leap Car Club is the first community car club in Renfrewshire which gives you a car just when you need it. It is a not for profit car club providing fuel efficient cars in Lochwinnoch and Bridge of Weir, including local charging points in Lochwinnoch.



## 7. Greener Housing


7.1 The Greener Housing sub-group is led by Adele Fraser (Linstone Housing Association) and supported by Brian Spence (Renfrewshire Council). The strategy's main objective is to make homes as energy efficient and as well insulated as possible by delivering programmes like the Scottish Housing Quality Standard. Partners are working together to promote and support energy efficiency and renewable technologies to combat fuel poverty.

### 7.3 Greener Housing Performance Scorecard


Fuel Poverty					
Headline indicator	Status	Baseline data (2012/13)	2014/15	2014/15	Next Target
			Value	Target	
The percentage of households in Renfrewshire which are experiencing fuel poverty is 5% below than the Scottish average		29%	This is the most up to date data and a target of 5% below the national average has been agreed		
Supporting data					
Number of visits undertaken to Renfrewshire residents to provide domestic energy advice		n/a	336	tbc	tbc
Value of financial savings on fuel costs achieved for Renfrewshire residents		n/a	£87,858	tbc	tbc
Progress update					
<p>The data relating to fuel poverty is extracted from the Scottish House Condition Survey which is published by the Scottish Government on an annual basis. Renfrewshire Council aims to achieve a score of 5% below the national average. In 2012/13 the Scottish national average showed that 36% of households were experiencing fuel poverty.</p> <p>The Connect 4 Renfrewshire Project - led by FLAIR, RAMH, Credit Unions and Renfrewshire Council - offers tenants and factored owners access to advice and information 3 days a week, from a range of services including help with energy advice, furniture, budgeting and support.</p>					



## Properties Meeting the National Home Energy Ratings Target

Headline indicator	Status	Baseline data (2012/13)	2013/14	2013/14	Next Target
			Value	Target	
% of social housing properties in Renfrewshire which meet the National Home Energy Ratings target		tbc	88.6%	tbc	100%

## Supporting data

Percentage of Renfrewshire Council properties at or above the appropriate NHER (National Home Energy Rating) or SAP (Standard Assessment Procedure) ratings specified in element 35 of the SHQS, as at 31 March each year.		tbc	85.1%	tbc	100%
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## Progress update

Progress to 31 March 2014:

Renfrewshire Council: 85.1%

Linstone HA: 94.5%

Williamsburgh HA: 100%

Bridgewater HA: 99.3%

Paisley South HA: 93.7%

Ferguslie Park HA: 91.9%


It is expected that Renfrewshire Council will achieve full compliance for the stock by 2015 except within the following key circumstances:

- (i) Where it is not technically feasible to carry out the work
- (ii) Where it has not been possible to achieve the necessary level of owner support.
- (iii) Where access has been refused by the tenant.


The Scottish Government has recognised these areas within a structure of exemptions and abeyances. In categories (ii) for example the Council would be expected to attempt to coordinate work should there be future changes of ownership, whilst in category (iii) the work could be carried out during the next void period.

The data for 2014/15 will be available later in the year.

## Social Housing which meets the Home Energy Efficiency Standard

Headline indicator	Status	Baseline data	2014/15	2013/14	Next Target
			Value	Target	
Increase in the percentage of social housing that meets the Home Energy Efficiency Standard by 2020.		Not yet available	tbc	70.8%	tbc

## Supporting data

Number of properties in which energy efficiency measures were delivered through the Home Energy Efficiency Programme for Scotland: Area Based Schemes		n/a	1,013	1,037	1,413
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## Progress update



Funding of £2,056,339 was awarded for qualifying projects within the Renfrewshire Council area for 2014/2015 under the HEEPS:ABS programme targeting 1,037 properties across Renfrewshire Council, Linstone Housing Association, Bridgewater Housing Association and Williamsburgh Housing Association to have efficiency measures delivered. The current projected completion number for the 2014/2015 programme is 1,013 although there may be some final variations as the funding from



the Scottish Government allows committed work to carry forward into 2015/16 as long as its spent by 30 September. For 2015/16, funding of £3,920,725 has been awarded to support owner participation in council and partner projects within the Renfrewshire area. This will enable energy efficiency measures to be delivered in 1,413 homes.

We are awaiting guidance from the Scottish Government on the statutory reporting framework for EESSH (Energy Efficiency Standard for Social Housing). This reporting will commence in 2016.

A new standard is currently under consultation by the Scottish Government – REEPS (Regulation of Energy Efficiency in the Private Sector). Once this process is implemented a target will be set to ensure all houses sold in Scotland meet level C.

Scottish Housing Quality Standard					
Headline indicator	Status	Baseline data (2012/13)	2013/14	2013/14	Next Target
			Value	Target	
% of social housing properties in Renfrewshire which meet the Scottish Housing Quality Standard		30.02%	70.5%	tbc	100%
Supporting data					
% of Renfrewshire Council housing stock which meets the Scottish Housing Standard		32.3%	62.1%	54.3%	100%
Progress update					
<p>Progress to 31 March 2014:</p> <p>Renfrewshire Council: 62.1% (changed from 61.55%)</p> <p>Linstone HA: 70.8%</p> <p>Williamsburch HA: 100%</p> <p>Bridgewater HA: 95.4%</p> <p>Paisley South HA: 85.4%</p> <p>Ferguslie Park HA: 91.9%</p> <p>It is expected that Renfrewshire Council will achieve full compliance for the stock by 2015 except within the following key circumstances:</p> <ul style="list-style-type: none"> <li>(i) Where it is not technically feasible to carry out the work</li> <li>(ii) Where it has not been possible to achieve the necessary level of owner support.</li> <li>(iii) Where access has been refused by the tenant.</li> </ul> <p>The Scottish Government has recognised these areas within a structure of exemptions and abeyances. In categories (ii) for example the Council would be expected to attempt to coordinate work should there be future changes of ownership, whilst in category (iii) the work could be carried out during the next void period.</p> <p>The data for 2014/15 will be available later in the year.</p>					



## 8. Carbon Management and Waste Reduction

8.1 The Carbon Management and Waste Reduction group is led by Craig Thorpe (Renfrewshire Council) and supported by Karen Anderson (Renfrewshire Council). The sub-group will contribute to the delivery of Scotland's Zero Waste Plan and work with partners to meet the challenging waste minimisation, recycling and diversion targets. Partners will work towards reducing carbon and greenhouse gas emissions by promoting good quality sustainable development, and improving the efficiency of our public space lighting.

8.2 Carbon Management and Waste Reduction Performance Scorecard.

CO2 Emissions from Public Buildings					
Headline measure	Status	Baseline data (2012/13)	2014/15	2014/15	Next Target
			Value	Target	
Total CO <sup>2</sup> emissions (tonnes) from public buildings	✓	29,114	25,300 (forecast)	28,247	26,566
Supporting data					
CO <sup>2</sup> emissions (tonnes) from public buildings caused by electricity usage	✓	12,505	11,500 (forecast)	12,428	12,286
CO <sup>2</sup> emissions (tonnes) from public buildings caused by gas usage	✓	14,479	12,242	14,026	13,431
CO <sup>2</sup> emissions (tonnes) from public buildings caused by water usage	⚠	395	423	393	352
CO <sup>2</sup> emissions (tonnes) from public buildings caused by oil usage	✓	1,735	1,135	1,401	498
Progress update					
<p>A refreshed Carbon Management Plan for 2014-2020 was approved at the Planning and Property Policy Board in November 2014. The baseline data of 25,336 tonnes which was originally published in the Community Plan for 2012/13 was recalculated as part of this process, resulting in a revised baseline figure of 29,114 tonnes of CO<sub>2</sub> emissions from public buildings in 2012/13.</p> <p>An energy saving voltage optimisation programme was completed during 2014/15 in the premises listed below which realised CO<sub>2</sub> reductions of more than 61,000kg and total annual financial savings of more than £35,600.</p> <ul style="list-style-type: none"> <li>• Castlehead High School</li> <li>• Gryffe High School</li> <li>• Johnstone High School</li> <li>• Trinity High School</li> <li>• Renfrew High School</li> <li>• Park Mains High School</li> <li>• St James' Primary School</li> <li>• Johnstone town Hall</li> <li>• Hunterhill Care Home</li> <li>• Montrose Care Home</li> <li>• Renfrew Care Home</li> </ul>					



- Weavers Linn Respite Unit

During 2015/16 works are planned to install photovoltaic panels in the following premises which are anticipated to realise CO2 reduction of more than 84,600 kg and total annual financial savings of more than £43,400.



- Houston Primary School
- St Fillan's Primary School
- Ralston Primary School
- East Fulton Primary School
- Heriot Primary School
- Lochwinnoch Primary School
- St Charles' Primary School
- St Mary's Primary School
- St Peter's Primary School
- West Primary School
- Williamsburgh Primary School

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CO <sup>2</sup> per capita					
Headline measure	Status	Baseline data (2012/13)	2014/15	2014/15	Next Target
			Value	Target	
Reduce CO <sup>2</sup> per capita		10.94 (1990 Scottish average)	6.8 (2012 data)	7.42 (2012 data)	7.26
Supporting data					
% Reduction in overall CO <sup>2</sup> emissions for Renfrewshire Council (CMP 2014-2020)		n/a	5.6% (forecast)	2.3%	6%
Total CO <sup>2</sup> emissions for Renfrewshire Council (tonnes) (CMP 2014-2020)		53,514	50,500 (forecast)	52,300	50,277
Progress update					
<p>The target for this indicator is based on a 42% reduction on the baseline figure of 10.94 tonnes of CO<sub>2</sub> per capita which is based on the Scottish national average of 55.6 Mt CO<sub>2</sub>e from 1990 data (report can be found here: <a href="http://www.gov.scot/Publications/2014/06/5527/downloads#res452106">http://www.gov.scot/Publications/2014/06/5527/downloads#res452106</a>). Population figure used for calculation is the mid year estimate for 1990 which is 5,081,270 (National Records Scotland)</p> <p>The data is published annually on the Scottish Government's website on their Scottish Greenhouse Gas Emissions report.</p>					

CO <sub>2</sub> Emissions from Public Space Lighting					
Headline measure	Status	Baseline data (2013/14)	2014/15	2014/15	Next Target
			Value	Target	
Reduce the amount of CO <sup>2</sup> emitted from public space lighting.		7,460 (2011/12)	7,778	6,980	6,720
Supporting data					
Total number of public street lighting columns in Renfrewshire		30,915	30,882	n/a	n/a



Number of public street lighting columns in Renfrewshire which are LED		97	97	n/a	2,000
% of street lighting columns in Renfrewshire which are LED		0.3%	0.3%	n/a	5%












### Progress update

The increase in the CO<sup>2</sup> emissions from the baseline of 7,460 tonnes in 2011/12 to 7,778 tonnes in 2014/15 can be explained by a number of new housing developments across the authority. From the end of 2014, all planning approvals for new housing developments make it compulsory for developers to install low consumption energy lamps.

A column condition survey has been completed for all lighting columns across the authority – those identified for replacement will be replaced with LEDs. A final Outline Business Case has been prepared and is awaiting approval, to enable all lighting columns to be replaced with LEDs.

Since mid 2014 all new street lights installed as part of housing developments are aluminium columns with LED lanterns.

## Waste Reduction

Headline measure	Status	Baseline data (2012)	2014	2014	Next Target
			Value	Target	
% of all waste collected which is landfilled		56.1%	31.5%	36%	36%
% of household waste sent to landfill without prior treatment		47.3%	11.5%	36%	36%
% of household waste recycled		40.9%	46.6%	52%	55%
Supporting data					
Tonnage of household residual waste collected (grey bin)		41,141	33,798	n/a	n/a
Tonnage of biodegradable household waste which is landfilled		29,127	16,043	n/a	n/a
Tonnes of household waste sent to landfill without prior treatment		38,967	9,335	n/a	n/a
Tonnage of household waste collected by Renfrewshire Council which is ultimately landfilled		46,234	25,465	n/a	n/a
Tonnage of food waste collected across Renfrewshire		0	2,995	n/a	n/a
Tonnage of household waste which is sent to Energy from Waste		4,293	24,556	n/a	n/a
Tonnage of household mixed recyclate which was ultimately recycled		8,999	14,621	n/a	n/a
Tonnage of all waste collected in Renfrewshire which was composted		9,432	9,765	n/a	n/a



## Progress update

Progress has been made on reducing the percentage of all waste collected which is landfilled with a significant reduction in 2014 to 31.5%, as shown in the table below, achieving the interim target set of 36%. It is anticipated that, with the implementation of the Clyde Valley Residual Waste Solution initiative by December 2019, the 10 year target will be achieved.

The % of household waste which has been recycled has improved from the baseline data, although it should be noted that we have limited control over the national targets which have been set. The nature of our council area, our housing stock and the demographics of Renfrewshire are contributing factors in the achievement of these challenging targets. (It should be noted that SEPA now report on calendar year data which is reflected in the LGBF data publication).

The supporting data for this waste reduction impact measure shows an ongoing reduction in the amount of waste collected, together with significant reductions in the amount of waste ultimately landfilled. During 2014 there was a significant increase in the amount of household waste diverted from landfill which was sent to Energy from Waste – this element of diversion from landfill will be incorporated in new contractual negotiations.

## 9. Resources

- 9.1 The Greener Renfrewshire Thematic Board has responsibility for the distribution of the £20,000 funding in respect of the Stalled Spaces programme.

## 10. Prevention

- 10.1 The work undertaken through the Greener Renfrewshire Thematic Board helps achieve the sustainability of natural resources across Renfrewshire.

## 11. Community Involvement/Engagement

- 11.1 The four sub groups within the Greener Renfrewshire Thematic Board involve representatives from the Community Planning Partners.
- 11.2 An audit of community groups has been carried out to establish activities being carried out across the community which contribute towards the priority outcomes of the Greener Renfrewshire element of the Single Outcome Agreement.

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