

# Vulnerability & Carbon Monoxide Allowance (VCMA) Quarterly Report

Organisation	Groundwork Yorkshire
Project start date (indicate if the start date has been delayed)	01/04/2021
Time remaining on project from this quarter	End of project report
Funding stream	VCMA
Report date	30/03/2022

Northern Gas Networks (NGN) are keen to know how the VCMA funding makes a difference to their partners and communities and understand the impact.

Quarterly reporting is referenced in schedule 3 of the services agreement that was signed by your organisation. Please therefore ensure that a quarterly report is submitted by the deadline provided by NGN. If you realise there will be a delay in submitting this report, please contact Stephanie Ord [sord@northerngas.co.uk](mailto:sord@northerngas.co.uk) / 07704 545200 ASAP. Under VCMA, NGN needs to demonstrate compliance with the governance requirements set by Ofgem.

You will need to refer to your original Project Eligibility Assessment (PEA) document when completing this form, in order to ensure that the funding is being used specifically for the purpose originally intended. Please inform NGN if there is a problem, as we may be able to agree some changes under certain circumstances however, **you must** speak to us in advance.

The timely submission and standard of your reports is likely to affect any future applications to Northern Gas Networks under VCMA.

**If you have any problems or need assistance completing this form, please contact Stephanie Ord in the first instance or Jill Walker [JWalker@northerngas.co.uk](mailto:JWalker@northerngas.co.uk), 07773 390967**

Once you have completed this form, please return it to: [sord@northerngas.co.uk](mailto:sord@northerngas.co.uk)

## 1b. Progress update - tell us about achievements to date

- Delivery against the outcomes and associated actions
- Progress made against success criteria as set out in the PEA / proposal
- Challenges in achieving any of the above
- Are there any changes you have had to make? (for example, slippage in dates etc.)

## **Delivery against the outcomes and associated actions:**

**We have delivered 5 GEMS assessments/reports which meets our programme target of 5.**

**The main in-depth reports are separate, here's the executive summary from each.**

### **Poppleton centre - York**

#### **Executive Summary.**

The challenge of decarbonising The Poppleton Centre is a complex one because of the diverse range of form and uses of the individual spaces across the centre. This report proposes an approach of dividing the site into five zones of roughly similar built form and use and addressing each zone individually (see figure 1). This approach will also help to make the long-term decarbonisation goal more manageable by breaking it into individual smaller projects. The biggest challenge to address is the heating load. This is the main use of energy on site and without a dramatic reduction in this area the goal of net zero carbon will be practically impossible. There is already a substantial amount of solar energy generated on site from the solar array on the main roof. The only other potential renewables project within the boundaries of the site would be to utilise the area to the southwest of the tennis courts (which has been earmarked for future parking spaces) for buried ground source heat pump coils. This would not affect the suitability of this space for car parking once the works are complete.

### **Pudsey Parish Church - Leeds**

#### **Executive Summary**

Pudsey Parish Church is a grade II listed building which was commissioned in 1818 under the church building act which replaced the original chapel. The build took three years to complete and was consecrated in 1824. This report will focus on the energy efficiency of the building and upgrades that could be made which are in-keeping with laws and regulations associated with listed buildings. Groundwork Energy Management Services attended site on the 24<sup>th</sup> May 2021, the challenges of keeping a building of this size properly heated and ventilated was discussed with the Vicar and admin team of the church. Groundwork would like to thank them for full access to the building ensuring for a more in depth and accurate report

## **The Victoria Institute - Lancaster**

### Executive Summary

The Victoria Institute and Public Hall is an unlisted building erected in 1904 using local stone in the village of Low Bentham. This report will focus on the energy efficiency of the building and upgrades that could be made, conscious of the traditional form of the building and its architectural context. Groundwork Energy Management Services attended the site on the 10<sup>th</sup> November 2021, the challenges of keeping a building of this size properly heated and ventilated were discussed with the Manager of the building. Groundwork would like to thank them for full access to the building ensuring for a more in depth and accurate report

## **Selby Rugby Football Club - Selby**

### Executive Summary

The Selby Rugby Clubhouse RUFC is a fairly new building. Different parts of the building were erected in stages between 2010 and 2016. Groundwork Energy Management Services attended site on the 17<sup>th</sup> January 2022.

Selby Rugby Club house has already done many things to become a more energy efficient place. This report has listed some behavioural changes, simple measures and longer term solutions in line with the governments net zero target. As it was built in the last decade, the clubhouse is well insulated with a modern and environmentally friendly main heating system to meet rigorous energy efficiency standards to lower energy consumption and bills helping to protect the environment. Despite the great achievements in attaining energy efficiency, certain things need to be addressed to reduce electricity costs. Therefore, solar power should not be overlooked as a long-term solution.

## **Collingham Memorial Hall - Leeds**

### Executive Summary

The Collingham Memorial Hall is an unlisted building erected in 1920 using local stone in the village of Low Bentham. Collingham Memorial Hall is a complex building with multiple overlapping uses and occupation patterns that make space heating and hot water supply difficult to efficiently manage. There are limiting factors in terms of fabric retrofit given its age and architectural sensitivity. There are small changes that can improve the energy efficiency of the building by improving the air-tightness of it, but the majority of the savings in terms of emissions comes with conversion of the existing heating and hot water system away its current fossil fuel base.

**As can be seen by the reports, we have provided detailed & comprehensive information from which our clients are now able to identify energy, carbon & money savings for the short/medium & long-term.**

**We hope that our reports & recommendations will be followed up by our clients, but we're aware that funding for large scale installations will more challenging to achieve & this is the area we wish to develop in future, hopefully with the support of NGN & NPG.**

**The benefits will be gained by the building owners, users, local communities & the wider environment. Money saved will enable the organisations to continue & expand delivery of projects etc, money can be channelled back into community activities & carbon footprints can be reduced.**

**Progress made against success criteria as set out in the PEA / proposal:**

**We achieved our target of 5 GEMS assessments.**

**Challenges in achieving any of the above:**

**No challenges. The only issue we face is upon completion of the reports we then would ideally like to follow it up with funding potential to enable the organisation to progress towards greater sustainability.**

**Are there any changes you have had to make? (for example, slippage in dates etc.):**

**None.**

### 1c. Case studies

Tell us about a particular individual who has been significantly impacted by this grant (anonymise names if required.) If your project has yet to start work with customers, please state this.

Each of the 5 reports represents a study within itself for the whole organisation we've helped to support through GEMS, rather than a particular individual benefitting.

## Section 2: Key Performance Indicators (KPI's)

NGN / Ofgem require updates on performance, to understand the difference made and impact of this project. A number of metrics set by Ofgem are specific to VCMA, therefore we need to measure performance around these areas. Please enter the appropriate numbers / details in the boxes below, to show the direct impact of your project within the different categories. We **do not** expect you to enter a number in every box, only those relevant to your project. If it is not possible to count the exact numbers directly impacted, please provide a reasonable estimate. Please also include the target number that was stated in your PEA document (if applicable), so that a comparison of target v actual can be made.

<b>2a. How many people have directly benefitted from this project to date against target declared on PEA?</b>	<b>18,000 (see 3a for the calculation)</b>
---------------------------------------------------------------------------------------------------------------	--------------------------------------------

<b>2b. How many people have benefitted indirectly?</b>	<b>As above.</b>
--------------------------------------------------------	------------------

Please indicate:

	Target from Proposal/PEA:	Actual to date:
<b>2c. Number of people signed up to the Priority Services Register</b>	N/A	
<b>2d. Number of CO pre and post awareness surveys completed</b>	N/A	
<b>2e. Number of people reached through CO awareness (leaflets, social media)</b>		<b>120 (Information given at the time of the visit/assessment)</b>
<b>2e. Number of CO alarms provided to vulnerable customers</b>	N/A	

<b>Please indicate:</b>	
<b>2f. Number of new volunteers</b>	<b>0</b>
<b>2g. Number of additional grants/donations secured, as a result of this funding including amounts:</b>	<b>0 (this is the area we ideally need to develop, after the report has been produced, where can organisations access funding)</b>
<b>2h. Number of people more informed (e.g. attendance at events, workshops)</b>	<b>N/A</b>
<b>2i. Number of people trained</b>	<b>25 (the number of people reading the reports &amp; gaining knowledge)</b>
<b>Please indicate the number of people in the following categories, who have directly benefitted from this project:</b>	
<b>2j. People with physical disabilities</b>	<b>(see 3a)</b>
<b>2k. People with mental health conditions</b>	<b>(see 3a)</b>
<b>2l. People living in rural isolation</b>	<b>(see 3a)</b>
<b>2m. People living with a temporary vulnerability</b>	<b>(see 3a)</b>
<b>2n. People facing poverty or financial hardship</b>	<b>(see 3a)</b>
<b>2o. People in education</b>	<b>(see 3a)</b>
<b>2p. Number of people this project has reached</b>	<b>18,000</b>

### Section 3: Additional Information

<b>3a. Description of any new learning achieved – please include in here how the learning has been disseminated if appropriate and also add any stakeholder engagement that has taken place.</b>
<p>The benefits from the GEMS report will be actualised once the recommendations are implemented. This will lead to energy cost reductions &amp; Carbon savings. Until the recommendations contained in the reports are implemented, I'm unable to complete any of the relevant section 2 questions above.</p> <p>In order to estimate the number of potential beneficiaries we need to know the number of people using the community buildings. An approximation would be between 200 – 400 per month depending on the activities held at each centre. Therefore for 5 community organisations over 1 year, we estimate the total potential beneficiaries around 18,000 people. Formula – 300 people each month x 12 months x 5 centres = 18,000.</p> <p>Similarly with the questions 2j – 2o, it's very difficult to know these figures without extensive research required from each organisation. This is something we will attempt to gain in the future if possible.</p>

**3b. If you have any additional comments about your project, please state here (otherwise leave blank.)**

From the skills & experience gained delivering the GEMS scheme, we were approached by the housing provider Homegroup to partner them on their Gateshead Innovation housing scheme. This involved our qualified retrofit assessor, who also delivers GEMS, to assess 40 recently built properties & to provide a domestic house version of the GEMS project. It was prior experience that enabled us to secure this work & successfully deliver a very useful report n which Homegroup will now use to improve their housing stock.

**3c. Have you publicised the VCMA project in any way? Please provide details (social media, newsletter etc.)**

No, given the limit of the GEMS project in delivering 5 reports per year & the existing interest & demand we have no need to promote the scheme widely. However we do have information on our Groundwork website as below:

<https://www.google.com/search?client=firefox-b-d&q=groundwork+energy+managment+services>

### **Groundwork Energy Management Services (GEMS)**

GEMS is an energy efficiency support programme to help community organisations, SMEs (small, medium enterprises) to identify and implement low cost energy saving measures, to save money on their energy bills and reduce environmental impact. The GEMS report also includes recommendations for longer term investments in building upgrades and renewable energy systems. GEMS has been designed to improve how small businesses manage energy now, and in the future, so that they can lay the groundwork for long-term sustainable growth.

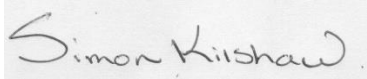
Through GEMS we aim to provide energy advice, support and accreditation for organisation & businesses who are wanting to become pro-active and engaged in moving towards sustainable practices & net zero carbon emissions.



--

**If you have any photographs, leaflets, additional case studies etc. that you would like to send to us, please attach them to the email with this report. Please ensure they are anonymised if required**

*All of the information contained in this report is factually correct to the best of my knowledge. I confirm that the data contained within the report is accurate and understand that it may be used as part of NGN's project progress reporting to Ofgem. Please see my authorising signature below.*

<b>Name / Signature</b>	Simon Kilshaw	
<b>Organisation / role</b>	Groundwork Yorkshire – Green Doctor Manager	
<b>Email Address</b>	Simon.kilshaw@groundwork.org.uk	
<b>Phone Number</b>	0113-238 0601	
<b>Date</b>	31/03/2022	