

Recommendation Report Northern Ireland

Report Reference Number: 9920-6983-0417-0133-0050

UNIT 2

Upperlands Community Development Ltd

67 Kilrea Road

Upperlands

MAGHERA

BT46 5RU

Building Type(s): B1 Offices and Workshop businesses

ADMINISTRATIVE INFORMATION	
Issue Date:	27 Dec 2013
Valid Until:	26 Dec 2023 (*)
Total Useful Floor Area (m ²):	104
Calculation Tool Used:	G-ISBEM Ltd, G-ISBEM Standard, v17.0, SBEM, v4.1.e.5
Property Reference	651830300003
Energy Performance Certificate for the property is contained in Report Reference Number: 0163-0037-0819-5392-3096	

ENERGY ASSESSOR DETAILS	
Assessor Name:	Shaun Burns
Employer/Trading Name:	SMART Property Marketing Ltd
Employer/Trading Address:	17 Meeting Street, Magherafelt
Assessor Number	EES/005828
Accreditation Scheme:	Elmhurst Energy Systems
Related Party Disclosure:	

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1. Background

Statutory Rule 2008 No.170, *The Energy Performance of Buildings (Certificates and Inspections) Regulations (Northern Ireland) 2008* , as amended, transposes the requirements of Articles 7, 9 and 10 of the Energy Performance of Buildings Directive 2002/91/EC.

This report is an Recommendation Report as required under regulation 7 of the Statutory Rule 2008 No.170.

This section provides general information regarding the building:

Total Useful Floor Area (m ²):	104
Building Environment:	Heating and Natural Ventilation

2. Introduction

This Recommendation Report was produced in line with the Department's approved methodology and is based on calculation tool G-ISBEM Ltd, G-ISBEM Standard, v17.0, SBEM, v4.1.e.5.

In accordance with Department's current guidance, the Energy Assessor did undertake a walk around survey of the building prior to producing this Recommendation Report.

3. Recommendations

The following sections list recommendations selected by the energy assessor for the improvement of the energy performance of the building. The recommendations are listed under four headings: short payback, medium payback, long payback, and other measures.

a) Recommendations with a short payback

This section lists recommendations with a payback of less than 3 years:

Recommendation	Potential Impact
Replace tungsten GLS lamps with CFLs: Payback period dependent on hours of use.	HIGH
Add time control to heating system.	MEDIUM
Replace high-pressure mercury discharge lamps with plug-in SON replacements.	LOW
Add optimum start/stop to the heating system.	MEDIUM

b) Recommendations with a medium payback

This section lists recommendations with a payback of between 3 and 7 years:

Recommendation	Potential Impact
Replace high-pressure mercury discharge lamps with complete new lamp/gear SON (DL).	LOW
Add local temperature control to the heating system.	MEDIUM
Add weather compensation controls to heating system.	MEDIUM
Add local time control to heating system.	MEDIUM
Carry out a pressure test, identify and treat identified air leakage. Enter result in EPC calculation.	MEDIUM

c) Recommendations with a long payback

This section lists recommendations with a payback of more than 7 years:

Recommendation	Potential Impact
Consider installing an air source heat pump.	HIGH
Consider installing a ground source heat pump.	HIGH
Consider installing building mounted wind turbine(s).	LOW
Consider installing solar water heating.	LOW
Install more efficient water heater.	MEDIUM

d) Other Recommendations

This section lists other recommendations selected by the energy assessor, based on an understanding of the building, and / or based on a valid existing energy report.

No recommendations defined by the energy assessor have been identified.

4. Next Steps

a) Your Recommendation Report

As the relevant person (regulation 2), regulation 7 of SR 2008 No.170 requires that an Energy Performance Certificate *"shall be accompanied by a recommendation report"*.

You must be able to produce a copy of this Recommendation Report within seven days if requested by an authorised officer of an Enforcement Authority under regulation 32 of SR 2008 No.170.

This Recommendation Report has also been lodged on the Department's approved central register. Access to the report, to the data used to compile the report, and to previous similar documents relating to the same building can be obtained by request through the Non-Dwellings Register (www.niepcregister.com) using the report reference number of this document.

b) Implementing recommendations

The recommendations are provided as an indication of opportunities that appear to exist to improve the building's energy efficiency.

The calculation tool has automatically produced a set of recommendations, which the Energy Assessor has reviewed in the light of his / her knowledge of the building and its use. The Energy Assessor may have comments on the recommendations base on his / her knowledge of the building and its use. The Energy Assessor may have inserted additional recommendations in section 3d (Other Recommendations). He / she may have removed some automatically generated recommendations or added additional recommendations.

These recommendations do not include matters relating to operation and maintenance which cannot be identified from the calculation procedure.

c) Legal disclaimer

The advice provided in this Recommendation Report is intended to be for information only. Recipients of this Recommendation Report are advised to seek further detailed professional advice before reaching any decision on how to improve the energy performance of the building.

d) Complaints

Details of the assessor and the relevant accreditation scheme are on this report and the energy performance certificate. You can get contact details of the accreditation scheme from our website at www.epb.dfpni.gov.uk , together with details of their procedures for confirming authenticity of a certificate and for making a complaint.

5. Glossary

a) Payback

The payback periods are based on data provided by Good Practice Guides and Carbon Trust energy survey reports and are average figures calculated using a simple payback method. It is assumed that the source data is correct and accurate using up to date information.

The figures have been calculated as an average across a range of buildings and may differ from the actual payback period for the building being assessed. Therefore, it is recommended that each suggested measure be further investigated before reaching any decision on how to improve the energy efficiency of the building.

b) Carbon impact

The High / Medium / Low carbon impact indicators against each recommendation are provided to distinguish, between the suggested recommendations, those that would most effectively reduce carbon emissions from the building. For automatically generated recommendations, the carbon impact indicators are determined by software, but may have been adjusted by the Energy Assessor based on his / her knowledge of the building. The impact of other recommendations are determined by the assessor.

c) Valid report

A valid report is a report that has been:

- Produced within the past 10 years
- Produced by an Energy Assessor who is accredited to produce Recommendation Reports through the Accreditation Scheme approved by the Department
- Lodged on the Register operated by or on behalf of the Department.