



## **Greenhouse Gas Verification Opinion Number UK.PRS.VOL.INV.0730.2021**

The inventory of Greenhouse Gas emissions in the period  
July 1<sup>st</sup>, 2020 – June 30<sup>th</sup>, 2021, for:

### **Redrow PLC**

Redrow House, St Davis Park, Ewloe, Flintshire  
CH5 3RX  
UK

has been verified in accordance with ISO 14064-3:2019,  
to represent a total amount of:

## **1,011,279 tCO<sub>2</sub>e Scope3**

**For the following activities:**

Residential Property Development

Lead Assessor: Abdullah Buhidma  
Technical Reviewer: Peter Simmonds

Authorised by:

A handwritten signature in black ink, appearing to read 'Pamela Chadwick'.

**Pamela Chadwick**  
**Business Manager**  
**SGS United Kingdom Ltd**

**Verification Statement Date 14<sup>th</sup> January 2023**

This Statement is not valid without the full verification scope, objectives, criteria and conclusion available  
on pages 2 to 4 of this Statement.



## **Schedule Accompanying Greenhouse Gas Verification Opinion Number UK.PRS.VOL.INV.0730.2021**

### **Brief Description of Verification Process**

SGS has been contracted by Redrow PLC. for the verification of indirect carbon dioxide (CO<sub>2</sub>) equivalent emissions (Scope 3) as provided by Redrow PLC, Redrow House, St Davis Park, Ewloe, Flintshire CH5 3RX, UK in their GHG statement in the form of a Greenhouse Gas Emissions Report covering CO<sub>2</sub> equivalent emissions.

### **Roles and responsibilities**

The management of Redrow PLC is responsible for the organization's GHG information system, the development and maintenance of records and reporting procedures in accordance with that system, including the calculation and determination of GHG emissions information and the reported GHG emissions.

It is SGS' responsibility to express an independent GHG verification opinion on the emissions as provided in the Redrow PLC GHG statement for the period July 1<sup>st</sup>, 2020, to June 30<sup>th</sup>, 2021.

SGS conducted a third-party verification following the requirements of ISO 14064-3: 2006 of the provided CO<sub>2</sub> equivalent statement in the period Oct 2022-December 2022.

The assessment included a desk review and online meetings. The verification was based on the verification scope, objectives and criteria as agreed between Redrow PLC and SGS on 30<sup>th</sup> November 2022.

### **Level of Assurance**

The level of assurance agreed is a limited level of assurance.

### **Scope**

Redrow PLC has commissioned an independent verification by SGS of reported CO<sub>2</sub> equivalent emissions arising from their activities, to establish conformance with the requirements of WRI/WBCSD GHG Protocol and its amendments within the scope of the verification as outlined below. Data and information supporting the CO<sub>2</sub> equivalent statement were historical in nature and proven by evidence.

This engagement covers verification of emissions from anthropogenic sources of greenhouse gases included within the organization's boundary and meets the requirements of WRI/WBCSD GHG Protocol and its amendments.

- The organizational boundary was established following the financial control approach.
- Title or description of activities: Residential Property Development
- Location/boundary of the activities: England & Wales
- Physical infrastructure, activities, technologies and processes of the organization: Offices and construction sites.
- GHG sources, sinks and/or reservoirs included:  
Scope 3: Category 1: Purchased Goods and Services, Category 2: Capital Goods, Category 3: Fuel & Energy related activities not included in scope 1 or scope 2, Category 4: Upstream Transportation & Distribution, Category



5: Waste Generated in Operations, Category 6: Business Travel, Category 7: Employee Commuting, Category 11: Use of Sold Products and Category 12: End of Life Treatment of Sold Products

- Types of GHGs included: CO<sub>2</sub>, N<sub>2</sub>O, and CH<sub>4</sub>
- Directed actions: none
- GHG information for the following period was verified: July 1<sup>st</sup> 2020 – June 30<sup>th</sup> 2021.
- Intended user of the Verification Opinion: internal, customers, general, public, shareholders.

**Objective**

The purposes of this verification exercise are, by review of objective evidence, to independently review:

- Whether the CO<sub>2</sub> equivalent emissions are as declared by the organization's CO<sub>2</sub> equivalent statement
- That the data reported are accurate, complete, consistent, transparent and free of material error or omission.

**Criteria**

Criteria against which the verification assessment is undertaken are the requirements of WRI/WBCSD GHG Protocol and its amendments.

**Materiality**

The materiality required of the verification was considered by SGS to be below 10%, based on the needs of the intended user of the GHG statement.

**Conclusion**

Redrow PLC provided their GHG statement based on the requirements of WRI/WBCSD GHG Protocol and its amendments.

The GHG information for the period July 1<sup>st</sup>, 2020 – June 30<sup>th</sup>, 2021, disclosing gross emissions of 1,011,279 metric tonnes of CO<sub>2</sub> equivalent are verified by SGS to a limited level of assurance, consistent with the agreed verification scope, objectives and criteria.

Scope 3 emissions per category are as follows:

<b>Category</b>	<b>Verified Emissions (TCO<sub>2</sub>e)</b>
1- Purchased Goods & Services (product)	401,062
1- Purchased Goods & Services (non-product)	72,675
2- Capital Goods	364
3- Fuel & Energy not in scope 1&2	3,551
4- Upstream Transportation & Distribution	13,389
5- Waste Generated in Operations	776
6- Business Travel	973
7- Employee Commuting	626
11- Use of Sold Products	513,819
12- End of Life Treatment of Sold Products	4,044
<b>Total</b>	<b>1,011,279</b>

SGS' approach is risk-based, drawing on an understanding of the risks associated with modeling GHG emission information and the controls in place to mitigate these



risks. Our examination included assessment, on a sample basis, of evidence relevant to the voluntary reporting of emission information.

SGS concludes with limited assurance that there is no evidence to suggest that the presented CO<sub>2</sub> equivalent assertion is not materially correct and is not a fair representation of the CO<sub>2</sub> equivalent data and information and is not prepared following the requirements of WRI/WBCSD GHG Protocol. With the limited assurance approach, SGS was not able to verify the 91% diverted from landfill reported by Redrow under Category 12 End of Life of Sold Products as no supporting information/evidence was provided by Redrow.

We planned and performed our work to obtain the information, explanations and evidence that we considered necessary to provide a limited level of assurance that the CO<sub>2</sub> equivalent emissions for the period July 1<sup>st</sup>, 2020 – June 30<sup>th</sup>, 2021, are fairly stated.

This statement shall be interpreted with the CO<sub>2</sub> equivalent assertion of Redrow PLC as a whole.

Note: This Opinion is issued, on behalf of Redrow PLC, by SGS United Kingdom Ltd, Rossmore Business Park, Inward Way, Ellesmere Port, Cheshire, CH65 3EN ("SGS") under its General Conditions for GHG Validation and Verification Services. The findings recorded hereon are based upon an audit performed by SGS. This Opinion does not relieve Redrow PLC from compliance with any bylaws, federal, national or regional acts and regulations or with any guidelines issued pursuant to such regulations. Stipulations to the contrary are not binding on SGS and SGS shall have no responsibility vis-à-vis parties other than Redrow PLC.