

**Directors' Statement on HSBC Global Asset Management Limited's Financed Emissions Disclosure for the year ended 31 December 2023**

As the Directors of HSBC Global Asset Management Limited ("HSBC"), we confirm that we are solely responsible for the preparation of the Financed Emissions Disclosure including this Directors' Statement, for reporting the financed emissions metrics in accordance with the reporting criteria set out in Appendix A and ensuring that the reported information is supported by appropriate evidence.

We confirm, to the best of our knowledge and belief, that we have:

- designed, implemented and maintained internal controls and processes over information relevant to the measurement, evaluation and preparation of the financed emissions metrics that are free from material misstatement, whether due to fraud or error;
- established objective reporting criteria that are appropriate for preparing and presenting the financed emissions metrics, including clear definition of the entity's organisational boundaries, and applied them consistently;
- presented information, including the reporting criteria, in a manner that provides relevant, complete, reliable, unbiased, neutral, comparable and understandable information; and
- reported the financed emissions metrics in accordance with the reporting criteria.



Nicolas Moreau

For and on behalf of HSBC Global Asset Management Limited

13 February 2025

## Financed Emissions Disclosure

### Reducing emissions in our assets under management

HSBC Asset Management continues to work towards its interim target<sup>1</sup> of reducing Scope 1 and 2 financed emissions intensity by 58% between 2019 and 2030 for its in scope assets under management (AUM), consisting of listed equities and corporate fixed income managed within its major investment hubs. As of 31 December 2019, in scope assets amounted to \$193.9bn, equating to 38% of global AUM.

### 2019 re-baselined metrics

In 2024, we improved our methodology for calculating financed emissions intensity, including a revised mapping logic for issuers' carbon intensity and EVIC (enterprise value including cash) data. We have re-baselined our 2019 intensity figure due to an error in the data mapping and is now 124 tCO<sub>2</sub>e/M\$ invested versus 131 tCO<sub>2</sub>e/M\$ invested reported in the HSBC Holdings PLC Annual Report and Accounts 2022, representing a decrease of 5.6%.

The Partnership for Carbon Accounting Financials (PCAF)<sup>2</sup> recommends that financial institutions should, in line with the Greenhouse Gas Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard requirement, establish a restatement policy to ensure consistency, comparability and relevance of the reported greenhouse gas emissions data over time. HSBC Asset Management has defined an internal financed emissions re-baseline and restatement framework which adapts HSBC Group's approach and defines relevant circumstances for HSBC Asset Management.

### Our financed emissions metrics

As at 31 December 2023, the Scope 1 and 2 financed emission intensity of HSBC Asset Management's in scope assets stood at 69.8 tCO<sub>2</sub>e/M\$ invested. The PCAF data quality score for our 31 December 2023 financed emissions intensity was 2.63.

| Reported metrics <sup>3</sup>              | 2019   | 2023 | Unit                            |
|--------------------------------------------|--------|------|---------------------------------|
| Scope 1 and 2 financed emissions intensity | 124.0* | 69.8 | tCO <sub>2</sub> e/M\$ invested |
| AUM in scope                               | 193.9  | 223  | Billion \$                      |
| PCAF Data Quality Score                    | 2.63   | 2.63 |                                 |

\* indicates that this metric has been re-baselined

<sup>1</sup> Our targets remain subject to consultation with stakeholders including investors and fund boards on whose behalf we manage the assets. The 58% target is based on assumptions for financial markets and other data, including the IEA Net Zero emissions by 2050 scenario and its underlying activity growth assumptions. Carbon emissions intensity is measured as tonnes of carbon dioxide equivalent per million USD invested (tCO<sub>2</sub>e/M\$ invested), where emissions are scaled by enterprise values including cash.

<sup>2</sup> PCAF defines and develops greenhouse gas accounting standards for financial institutions. Its Global GHG Accounting and Reporting Standard for Financed Emissions provides detailed methodological guidance to measure and disclose financed emissions. PCAF Standards are available at: <https://carbonaccountingfinancials.com/standard>

<sup>3</sup> The re-baselined 2019 financed emissions intensity metric, and the 2023 metrics were subject to independent third-party limited assurance in accordance with the International Standard on Assurance Engagements 3000 (Revised) 'Assurance Engagements other than Audits or Reviews of Historical Financial Information', and with respect to the greenhouse emissions, in accordance with the International Standard on Assurance Engagements 3410 'Assurance Engagements on Greenhouse Gas Statements', issued by the International Auditing and Assurance Standards Board. For the independent third-party's limited assurance report, see <http://www.assetmanagement.hsbc.com/net-zero>. The methodology used is available at: <http://www.assetmanagement.hsbc.co.uk/-/media/files/attachments/common/creating-a-new-climate-for-change/financed-emissions-disclosures-reporting-criteria.pdf>



# Independent Limited Assurance Report to the Directors of HSBC Global Asset Management Limited on HSBC Asset Management's selected Financed Emissions Metrics as at 31 December 2023

## Our limited assurance conclusion

Based on the procedures we have performed, as described under the "Summary of work performed" and the "Areas of Assurance Focus" sections below, and the evidence we have obtained, nothing has come to our attention that causes us to believe that the information in HSBC Asset Management ("HSBC AM")'s Financed Emissions Disclosure for the year ended 31 December 2023 (the "Report") and summarised below (together, the "Subject Matter Information"), has not been prepared, in all material respects, in accordance with HSBC Asset Management Financed Emissions Disclosures Reporting Criteria (the "Reporting Criteria") set out in the Report.

## What we were engaged to assure

The Subject Matter Information needs to be read and understood together with the Reporting Criteria which HSBC Global Asset Management Limited's Directors are solely responsible for selecting and applying. The Subject Matter Information and the Reporting Criteria are as set out in the table below:

| <i>Subject Matter Information</i>                                              | <i>Value</i> | <i>Unit</i>                      | <i>Scope of Assets</i>                                                                                                                      | <i>Location of Subject Matter Information</i>                     | <i>Reporting Criteria</i>                                                                                        |
|--------------------------------------------------------------------------------|--------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Assets under management ('AUM') in scope as at 31 December 2023                | 223.0        | \$bn                             | Listed equities and corporate fixed income, excluding instruments held in multi asset products, managed in HSBC AM's major investment hubs. | Financed Emissions Disclosure for the year ended 31 December 2023 | <i>HSBC Asset Management Financed Emissions Disclosures: Reporting Criteria, dated February 2025<sup>1</sup></i> |
| Scope 1 and 2 financed emissions intensity as at 31 December 2023              | 69.8         | tCO <sub>2</sub> e/\$mn invested |                                                                                                                                             |                                                                   |                                                                                                                  |
| PCAF Data Quality score (Scope 1 and 2) as at 31 December 2023                 | 2.63         | 2 decimal places (d.p.)          |                                                                                                                                             |                                                                   |                                                                                                                  |
| Re-baselined scope 1 and 2 financed emissions intensity as at 31 December 2019 | 124.0        | tCO <sub>2</sub> e/\$mn invested |                                                                                                                                             |                                                                   |                                                                                                                  |

The scope of our work did not extend to any other information included in, or linked from, the Report.



## Our work

### Professional standards applied

We performed a limited assurance engagement in accordance with International Standard on Assurance Engagements 3000 (Revised) 'Assurance Engagements other than Audits or Reviews of Historical Financial Information' and, in respect of the greenhouse gas (GHG) emissions, in accordance with International Standard on Assurance Engagements 3410 'Assurance Engagements on Greenhouse Gas Statements', issued by the International Auditing and Assurance Standards Board.

### Our independence and quality control

We have complied with the Institute of Chartered Accountants in England and Wales Code of Ethics, which includes independence and other requirements founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour, that are at least as demanding as the applicable provisions of the International Code of Ethics for Professional Accountants (including International Independence Standards) issued by the International Ethics Standards Board for Accountants (IESBA Code).

We apply International Standard on Quality Management (UK) 1 and accordingly maintain a comprehensive system of quality management including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

### Summary of work performed

We performed a limited assurance engagement. Because the level of assurance obtained in a limited assurance can vary, we give more detail about the procedures performed, so that the intended users of the Subject Matter Information can understand the nature, timing and extent of procedures we performed as context for our conclusion. The procedures performed vary in nature and timing from, and are less in extent than for, a reasonable assurance engagement. Consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.

In performing our assurance procedures, which were based on our professional judgement, we performed the following:

- evaluated the suitability in the circumstances of HSBC AM's use of the Reporting Criteria as the basis for preparing the Subject Matter Information including the associated reporting boundaries;
- through inquiries, obtained an understanding of HSBC AM's control environment, processes and systems relevant to the preparation of the Subject Matter Information. Our procedures did not include evaluating the suitability of design, obtaining evidence about their implementation or testing the operating effectiveness of these particular control activities;
- evaluated whether HSBC AM's methods for developing estimates are appropriate and had been consistently applied, noting that our procedures did not involve testing the data on which the estimates are based or separately developing our own estimates against which to evaluate HSBC AM's estimates;
- performed limited substantive testing of the Subject Matter Information, which is aggregated from information received by HSBC AM. Testing involved:
  - agreeing arithmetical accuracy of calculations to HSBC AM's Reporting Criteria
  - agreeing, for a sample of investments, the inputs into the metric calculations to source information to check that the underlying subject matter had been appropriately evaluated or measured, recorded, collated and reported, those being:
    - Reported emissions data
    - Enterprise Value Including Cash ("EVIC")
    - Data Quality Score for reported emissions data
  - reperforming a reconciliation between AUM data as presented in HSBC Holdings plc's Annual Report and Accounts and AUM applicable for the in scope investments used in the calculation of the selected Financed Emissions metrics
  - assessing the appropriateness of HSBC AM's method of assigning data quality scores to emissions data in line with PCAF guidance
  - reperforming the calculation of all metrics
  - comparing the 2023 Scope 1 and 2 financed emissions intensity as at 31 December 2023 to the 2019 re-baseline and obtaining explanations from management for any significant differences we identified; and
- evaluated the disclosures in, and overall presentation of, the Subject Matter Information.



Our assurance procedures specifically did not include substantive testing procedures on financial information extracted from HSBC Holdings plc's Annual Report and Accounts which were used in the calculation of AUM.

## Materiality

We are required to plan and perform our work to address the areas where we have identified that a material misstatement of the Subject Matter Information is likely to arise. We set certain quantitative thresholds for materiality. These, together with qualitative considerations, helped us to determine the nature, timing and extent of our procedures in support of our conclusion. We believe that it is important that the intended users have the information they need to understand the concept and the level of materiality to place our conclusion in context. Based on our professional judgement, we determined materiality for the Subject Matter Information as follows:

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Overall materiality</i> | <p>Materiality may differ depending upon the nature of the Subject Matter Information. We apply professional judgement to consider the most appropriate materiality benchmark for each aspect of the Subject Matter Information, having considered how the intended users may use the information.</p> <p>The benchmark approach for each aspect of the Subject Matter Information is indicated in the table below:</p> <ol style="list-style-type: none"><li>1. AUM is an absolute number. A benchmark materiality of 5% has been applied.</li><li>2. Scope 1 and 2 financed emissions intensity is calculated as a ratio of 2 different numbers (financed emissions/\$1million invested). A benchmark materiality of 5% has been applied.</li><li>3. PCAF Data Quality score (Scope 1 and 2) is a weighted data quality score. A benchmark materiality of 0.2 decimal places has been applied.</li></ol> |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

We also agreed to report to the Directors misstatements ("reportable misstatements") identified during our work at a level below overall materiality levels, as well as misstatements below that lower level that in our view warranted reporting for qualitative reasons. The Directors are responsible for deciding whether adjustments should be made to the Subject Matter Information in respect of those items.

## Areas of Assurance Focus

The Areas of Assurance Focus are those areas of our work that, in our professional judgement, require additional procedures. In the case of limited assurance, that means our procedures may be towards the upper end of those that might be expected for limited assurance. These areas were identified as part of our risk assessment and result of the assurance procedures performed, and include those areas of significant risk, areas that involved significant judgement or other areas where significant assurance effort was needed. This approach provides transparency about where we deemed it necessary to perform extra work. However, this does not imply, for limited assurance, the same level of assurance as would have been obtained under a reasonable assurance engagement.

We considered the following areas to be Areas of Assurance Focus and discussed these with HSBC AM's management.

| <b>Reliance on the validity and accuracy of emissions data from third parties for calculating Scope 1 and 2 financed emissions intensity and PCAF Data Quality Score metrics</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Nature of the issue</i>                                                                                                                                                       | HSBC AM manages corporate investment portfolios and reports the Scope 1 and 2 financed emissions intensity and PCAF Data Quality Score metrics attributable to these. In calculating these metrics, HSBC AM uses Assets Under Management (AUM) data that is collated from internal systems, while emissions data is obtained from a third party. Emissions data points are of high significance to the Scope 1 and 2 financed emissions intensity and PCAF Data Quality Score calculations. |

|                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                          | <p>The emissions data provided by the third party at an individual investment level includes:</p> <ul style="list-style-type: none"> <li>• Reported, publicly available information; and</li> <li>• Information estimated by the third party using proprietary estimation models, which are not publicly available.</li> </ul> <p>The access to the proprietary methodologies and the data therein is restricted by the third party. This means HSBC AM has limited ability to oversee the validity and accuracy of the estimated data that is provided by the third party.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| How our work addressed the areas of assurance focus                      | <p>In order to address the issue described above, we have:</p> <ul style="list-style-type: none"> <li>• Obtained an understanding of the third party used by HSBC AM via inquiry and walkthroughs;</li> <li>• For a sample of investments held by HSBC AM as at 31 December 2023, and which were described by the third party as being taken from reported data, tested the PCAF data quality score attributed to third party data by HSBC AM to independently sourced information;</li> <li>• Assessed the appropriateness of HSBC AM's method of assigning data quality scores to emissions data in line with PCAF guidance</li> <li>• For a sample of investments held, tested the reported emissions to independently sourced information; and</li> <li>• Performed analytical procedures over estimated data. This included testing a sample of estimated data points which were lower than the mean for their relevant Global Industry Classification Standard ("GICS") sector to assess their appropriateness.</li> </ul> |
| Element(s) of the Subject Matter Information most significantly impacted | <p>Scope 1 and 2 financed emissions intensity as at 31 December 2023</p> <p>PCAF Data Quality score (Scope 1 and 2) as at 31 December 2023</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| Completeness of AUM data                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nature of the issue                                 | <p>HSBC Asset Management has a complex investment portfolio and Assets under Management (AUM) data comes from multiple internal sources. The data used for the selected financed emissions metrics is collated using a number of source systems established for the consolidation of data.</p> <p>In completing this process, management is required to complete a series of procedures including data cleansing and re-formatting through the application of automated scripts to ensure the completeness of the AUM data used in the calculation of the selected financed emissions metrics. There is a heightened risk that the extractions and processing of the AUM data is incomplete, and the resultant metrics misstated.</p> |
| How our work addressed the areas of assurance focus | <p>In order to address the issue described above we have:</p> <ul style="list-style-type: none"> <li>• Considered the appropriateness of HSBC AM's definition of investments within the Reporting Criteria and tested that the calculation of AUM is consistent with this definition;</li> <li>• Obtained an understanding of the business processes and systems involved in generating the investment data;</li> </ul>                                                                                                                                                                                                                                                                                                               |

|                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                          | <ul style="list-style-type: none"> <li>Assessed and reperformed management's method for identifying the completeness of in-scope investments in line with the reporting criteria; and</li> <li>Reperformed a reconciliation between AUM data as presented in HSBC Holdings plc's Annual Report and Accounts and AUM applicable for the in scope investments used in the calculation of the selected financed emissions metrics.</li> </ul> |
| Element(s) of the Subject Matter Information most significantly impacted | Assets under management ('AUM') as at 31 December 2023                                                                                                                                                                                                                                                                                                                                                                                     |

## Challenges of non-financial information

The absence of a significant body of established practice upon which to draw to evaluate and measure non-financial information allows for different, but acceptable, evaluation and measurement techniques that can affect comparability between entities, and over time.

Non-financial information is subject to more inherent limitations than financial information, given the characteristics of the underlying subject matter and the methods used for measuring or evaluating it. The precision of different measurement techniques may also vary.

In particular, for Financed Carbon Emissions calculations, it is generally acknowledged by stakeholders globally, including regulators, that there are significant limitations in the availability and quality of GHG emissions data from third parties, resulting in reliance on estimated or proxy data.

Uncertainties and other limitations with respect to this non-financial information are laid out in more detail in the Reporting Criteria.

## Reporting on Other Information

The other information comprises all of the information in the Report other than the Subject Matter Information and our assurance report. The Directors are responsible for the other information. As explained above, our conclusion does not extend to the other information and, accordingly, we do not express any form of assurance thereon. In connection with our assurance of the Subject Matter Information, our responsibility is to read the other information. In doing so, we consider whether the other information is materially inconsistent with the

Subject Matter Information or our knowledge obtained during the assurance engagement, or otherwise appears to contain a material misstatement of fact. If we identify an apparent material inconsistency or material misstatement of fact, we are required to perform procedures to conclude whether there is a material misstatement of the Subject Matter Information or a material misstatement of the other information, and to take appropriate actions in the circumstances.

## Responsibilities of the Directors

As explained in the Directors' Statement on page 1 of the Report, the Directors of HSBC Global Asset Management Limited are responsible for:

- determining appropriate reporting topics and selecting or establishing suitable criteria for measuring or evaluating the underlying subject matter;
- ensuring that those criteria are relevant and appropriate to HSBC AM and the intended users of the Report;
- the preparation of the Subject Matter Information in accordance with the Reporting Criteria including designing, implementing and maintaining systems, processes and internal controls over the evaluation or measurement of the underlying subject matter to result in Subject Matter Information that is free from material misstatement, whether due to fraud or error;
- documenting and retaining underlying data and records to support the Subject Matter Information;
- producing the Report that provides a balanced reflection of HSBC AM's performance in this area and discloses, with supporting rationale, matters relevant to the intended users of the Report; and
- producing a statement of Directors' responsibility.



## **Our responsibilities**

We are responsible for:

- planning and performing the engagement to obtain limited assurance about whether the Subject Matter Information is free from material misstatement, whether due to fraud or error;
- forming an independent conclusion, based on the procedures we have performed and the evidence we have obtained; and
- reporting our conclusion to the Directors of HSBC Global Asset Management Limited.

## **Use and distribution of our report**

Our report, including our conclusion, has been prepared solely for the Directors of HSBC Global Asset Management Limited in accordance with the agreement between us dated 7 August 2024 and the variation letter between us dated 5 February 2025 (both collectively, the “agreement”). Our report must not be made available to any other party save as set out in the agreement. To the fullest extent permitted by law, we do not accept or assume responsibility or liability to anyone other than the Board of Directors for our work or our report except where terms are expressly agreed between us in writing.

A handwritten signature in black ink that reads 'PricewaterhouseCoopers LLP'.

**PricewaterhouseCoopers LLP**

**Chartered Accountants**

**London**

**13 February 2025**

# **HSBC Asset Management Financed Emissions Disclosures**

## Reporting Criteria

February 2025

For Professional Clients Only

Today, we and many of our customers contribute to greenhouse gas emissions. We have a strategy to reduce our own emissions and to develop solutions to help our clients invest sustainably. For more information visit <https://www.assetmanagement.hsbc.com/about-us/net-zero>.

This technical supplement provides further detail on the methodology used to measure HSBC Asset Management's (HSBC AM) financed emissions metrics, including the baseline, current and comparative years.

HSBC AM published an interim target to reduce the Scope 1 and 2 financed emissions intensity of in scope assets under management by 58% between 2019 and 2030<sup>1</sup>. As of 31 December 2019, in scope assets amounted to \$193.9bn, equating to 38% of global AUM.

The reporting period is the 12-month period ending 31 December<sup>2</sup>. The issuer level company values and emissions data are the prior period closest to 31 December available at the calculation date from HSBC AM's data provider.

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Definition</b>              | HSBC AM's financed emissions intensity represents tonnes of greenhouse gas (GHG) emissions equivalent per million US dollar invested.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Scope</b>                   | HSBC AM's financed emissions intensity target, and the annual financed emissions reporting, applies to listed equities and corporate fixed income managed in our major investment hubs <sup>3</sup> . It excludes Multi Asset capabilities. It covers Scope 1 and 2 GHG emissions of investee companies only.                                                                                                                                                                                                                                                                                                                                  |
| <b>Units</b>                   | <p>HSBC AM report the financed emissions intensity of the in scope portfolio, the covered assets under management (AUM), and the Partnership for Carbon Accounting Financials (PCAF) data quality score (DQS).</p> <p>Financed emissions intensity: tCO<sub>2</sub>e/\$ million</p> <p>Assets under management (AUM) in scope: \$ billion</p> <p>PCAF data quality score (DQS): 1 to 5 scale from PCAF, weighted by financed emissions</p>                                                                                                                                                                                                     |
| <b>Calculation methodology</b> | <p>Financed emissions and financed emissions intensity are calculated based on guidance from PCAF which defines how financial institutions should account for the emissions attributed to their investments.</p> <p>Financed emissions of a company are calculated by multiplying the emissions of the company by an attribution factor. The attribution factor is calculated by dividing HSBC AM's invested amount in the company shares or corporate bonds by the economic value of the financed company. The financed emissions of a portfolio is the sum of the financed emissions of the companies in which the portfolio invests in.</p> |

<sup>1</sup> Interim target published in November 2022 as part of the Net Zero Asset Managers (NZAM) initiative. Our targets remain subject to consultation with stakeholders including investors and fund boards on whose behalf we manage the assets. The 58% target is based on assumptions for financial markets and other data, including the IEA Net Zero emissions by 2050 scenario and its underlying activity growth assumptions. Carbon emissions intensity is measured as tonnes of carbon dioxide equivalent per million USD invested (tCO<sub>2</sub>e/US\$Mn invested), where emissions are scaled by enterprise values including cash.

<sup>2</sup> Holdings data as of 31 December or the last business day of the year.

<sup>3</sup> As of 31 December 2023, total assets in our major investment hubs represented over 80% of total global assets under management.

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | <p>Financed emissions intensity is calculated by dividing the total financed emissions by HSBC AM's total invested amount in the company shares and corporate bonds.</p> <p>Company values are measured using enterprise value including cash (EVIC) for publicly listed companies, which is defined as the sum of the market capitalisation of ordinary shares and preferred shares, the book values of the total debt and minorities' interests and the cash, at fiscal year-end.</p> <p>The value for private companies is measured by the sum of total company equity and debt, which can be found on the company's balance sheet, as no market value for equity is available in the case of private companies<sup>4</sup>. If total debt or total equity are not available, financial institutions can use the total balance sheet value (i.e. the sum of total equity and liabilities, which is equal to the company's total assets).</p>                                                                                                                                                                                                                                                                                                                   |
| <b>Data sources</b> | <p>Financed emissions metrics are based on both issuer level financial data collected from internal HSBC AM financial reporting systems, company EVIC data collected from Bloomberg, an external data provider, and company emissions data collected from S&amp;P Trucost, an external data provider. Due to company EVIC and emissions data coming from external providers, data mapping logic is required to match the external data to internal HSBC AM financial reporting systems.</p> <p>Emissions data:</p> <ul style="list-style-type: none"> <li>• S&amp;P Trucost maintains a database of historic company emissions, based on company disclosures or estimated by S&amp;P Trucost in the absence of company reported data.</li> <li>• Regarding the different types of GHG emissions measured, HSBC AM incorporate all greenhouse gases included in the data of external data providers, including carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), Nitrous oxide (N<sub>2</sub>O), Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), Sulfur hexafluoride (SF<sub>6</sub>). These GHG emissions are measured in tonnes of CO<sub>2</sub> equivalent (CO<sub>2</sub>e) using the Global Warming Potential framework<sup>5</sup>.</li> </ul> |

<sup>4</sup> For private companies, PCAF specifies that, "In cases where the total company equity value according to the client's balance sheet is negative... the financial institution shall set total equity to 0; this means that all emissions are attributed to debt only, while no emissions are attributed to equity investments".

<sup>5</sup> Global Warming Potential (GWP): An index, based on radiative properties of greenhouse gases (GHGs), measuring the radiative forcing following a pulse emission of a unit mass of a given GHG in the present-day atmosphere integrated over a chosen time horizon, relative to that of carbon dioxide (CO<sub>2</sub>). The GWP represents the combined effect of the differing times these gases remain in the atmosphere and their relative effectiveness in causing radiative forcing. Estimates of GWP are periodically compiled, revised, and published in IPCC reports. The last revision dates from 2021, in the IPCC AR6 report.

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | <ul style="list-style-type: none"> <li>• The company-disclosed, non-modelled data used by the provider, “comes from a variety of publicly disclosed sources such as company financial reports (Annual Reports, Financial Statements, 10-K/20-F reports, SEC/regulatory filings) and environmental data sources (CSR, Sustainability or Environmental Reports, the CDP, EPA filings) in addition to data published on company websites or other public sources.”<sup>6</sup></li> <li>• When data is not disclosed, or does not cover all operations or gases, S&amp;P Trucost produces estimates<sup>7</sup>. The model uses data on direct emissions from various distinct industry sectors, like emission intensity factors in units of emissions per dollar of industry output (or company revenue), sourced from national, international, industry and company databases. S&amp;P Trucost uses country specific data when possible.</li> <li>• The emissions data used by HSBC AM is based on the latest available data provided by S&amp;P Trucost.</li> <li>• When emissions data is not available from S&amp;P Trucost, company emission intensities are estimated by HSBC AM. When company values and GICS sub-industry classification are available, HSBC AM estimate the emissions of a company by multiplying its company value by the median sub-industry emission intensity, based on available data. For cases where company values were not available, HSBC AM use the average company sector emission intensity as a proxy of the company emission intensity.</li> </ul> |
| <b>Data quality</b> | <p>PCAF proposes a methodology for scoring the quality of a company’s GHG emissions data used by financial institutions in their carbon footprint disclosures. Scores of this methodology range from 1 to 5, the lowest number indicating the best quality.</p> <p>Exhibit 1 shows the mapping of the third party data provider’s labelling of company emissions data sources, to the PCAF data quality score.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

<sup>6</sup> S&P Global (2019).

<sup>7</sup> S&P Trucost methodology for environmental data based on their Environmentally Extended Input Output (EEIO) model.

| Source of emissions data                                                                                  | PCAF Option | PCAF Score |
|-----------------------------------------------------------------------------------------------------------|-------------|------------|
| Exact Value Annual Report/10K/Financial Accounts Disclosure/CDP/Environmental/CSR/Personal communication  | 1.b         | 2          |
| Value summed up/split from Annual Reports/Financial Accounts Disclosure/CDP/Environmental/CSR             | 1.b         | 2          |
| Value derived Annual Report/Financial Accounts Disclosure/CDP/Environmental/CSR/Personal communication    | 1.b         | 2          |
| Value derived by charts/previous year figures                                                             | 1.b         | 2          |
| Value derived from fuel use provided in Annual Report/Financial Accounts Disclosure/CDP/Environmental/CSR | 2.a         | 2          |
| Estimate based on partial data disclosure in Annual Report/10-K/Financial Accounts/CDP/Environmental/CSR  |             | 3          |
| Estimates                                                                                                 | 3.a         | 4          |
| HSBC AM estimate based on Sub-industries                                                                  | 3.a         | 4          |
| HSBC AM estimate Based on sectors (Proxy use)                                                             | 3.b         | 5          |

***Exhibit 1 – Mapping of PCAF Data Quality Score per source of emission data***

Emissions data coming from S&P Trucost accounts for the majority of the HSBC AM portfolio holdings in scope. S&P Trucost assigns labels for data sources covering Scope 1 emissions derived from CO2 only, which HSBC AM extrapolate across Scope 2 emissions and all other greenhouse gases in the absence of more granular data sourcing labels from S&P Trucost. This does not impact the overall financed emissions intensity calculation.

# Important Information

**For Professional Clients and intermediaries within countries and territories set out below; and for Institutional Investors and Financial Advisors in the US. This document should not be distributed to or relied upon by Retail clients/investors.**

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