

### Assurance brief

RISE has been contracted by Ardagh Group to perform a limited assurance of the 2024 dataset underpinning their 2025 ESG reporting, including CDP, EcoVadis and similar disclosures. In particular, the scope of the assurance provided is focused on the acquisition, processing and aggregation of the quantitative data necessary to calculate the principal environmental and health & safety key performance indicators (KPIs) reported for Ardagh Glass Packaging, namely:

- Production (tonnes melted and tonnes packed)
- Raw materials (cullet, soda, sand, etc)
- Energy consumption (electricity and fuels)
- Scope 1 GHG emissions
- Scope 2 GHG emissions
- NOx emissions
- SOx emissions
- Particulate emissions
- Process water
- Wastewater discharge
- Waste disposed
- Waste recycled
- Health and Safety incidents (First Aid Incidents; Medical Treatment Incidents; Lost Time Incidents and Lost Time Incident Rate; Total Recordable Incidents and Total Recordable Incident Rate; Lost Days and Restricted Days; DART (severity) Rate)

In addition, RISE has also assured Ardagh Group's Scope 3 GHG inventory.

### Independence of the assurance provider

RISE (Research Institutes of Sweden) is a research, technology and consulting organisation consisting of five divisions: RISE Bioeconomy & Health, RISE Built Environment, RISE Digital Systems, RISE Materials Production, and RISE Safety & Transport. With nearly 3,000 staff, between them, these divisions cover a diverse range of sectors and services.

RISE has worked with Ardagh Group on previous environment and sustainability projects but confirm their independence of the organisation for the purposes of providing the contracted assurance.

### Approach

The work has been delivered in accordance with RISE's own methodology which is based on the international assurance and audit standard ISAE 3000. The following procedures were performed:

- A data review: an evaluation of the dataset for each site contained within the internal reporting system to appraise plausibility of the overall dataset and, through statistical analysis, combined with the assurance providers knowledge of the production processes, to identify any outlying data points. Any such outliers were subject to additional scrutiny to ascertain the validity of the data reported
- Production site visits: two glass sites were visited for audit purposes. In addition, two further glass sites were subject to virtual audits via a video conference meeting. Sites were chosen to cover a range of production facilities and geographies. Procedures included visual observation of environment and safety practices, looking for evidence that these support the reported environmental and safety data; review of source data and data trail through to data entry into the internal reporting system and subsequent aggregation of data to generate KPIs.

Assurances have been provided by Ardagh Group that procedures and practices are standardised across the glass business. Over several years of providing assurance services to Ardagh Group, the assurance practitioners have visited a number of sites across Europe, North America and South America and the insights gained validate these assurances.

In addition, RISE reviewed the Scope 3 GHG report and calculations provided to Ardagh Group by the external consultants Ramboll.

### Responsibilities

For clarity, Ardagh Group and its Directors are responsible for the preparation of their ESG reporting. RISE's responsibility is solely in terms of providing limited assurance with respect to the data reported and the process of gathering and processing the data that underpins the KPIs.

### Assurance conclusion

RISE has undertaken a limited assurance of the acquisition, processing and aggregation of the quantitative data necessary to calculate the principal environmental and health & safety KPIs reported in AGP's 2025 ESG Reporting. RISE has also undertaken limited assurance of AGP's Scope 3 GHG emissions calculations. Procedures performed in a limited assurance engagement are aimed at determining the plausibility of information and are less extensive than those employed for a reasonable assurance engagement. Nonetheless,

*Based on the datasets and calculations reviewed and the evidence observed during site audits, nothing came to the practitioner's attention to cause belief that the KPI data or the Scope 3 GHG emissions are materially misstated.*

Subsequently, the assurance provider verifies the following GHG emissions to be an appropriate estimate of the environmental interventions of Ardagh's glass business:

- Scope 1 GHG emissions = 2,434,693 tonnes CO<sub>2</sub>e; Scope 2 GHG emissions (market-based) = 980,832 tonnes CO<sub>2</sub>e; Scope 3 GHG emissions = 1,709,703 tonnes CO<sub>2</sub>e; Total Scope 1,2 and 3 = 5,125,228 tonnes CO<sub>2</sub>e

Signed and dated:



Michael Sturges, 26<sup>th</sup> May 2025  
Assurance Consultant, RISE



#### Assurance brief

RISE has been contracted by Ardagh Group to perform a limited assurance of the 2024 dataset underpinning their 2025 ESG reporting, including CDP, EcoVadis and similar disclosures. In particular, the scope of the assurance provided is focused on the acquisition, processing and aggregation of the quantitative data necessary to calculate the principal environmental and health & safety key performance indicators (KPIs) reported for Heye International, namely:

- Energy consumption (electricity and fuels)
- Scope 1 GHG emissions
- Scope 2 GHG emissions
- Process water
- Wastewater discharge

#### Independence of the assurance provider

RISE (Research Institutes of Sweden) is a research, technology and consulting organisation consisting of five divisions: RISE Bioeconomy & Health, RISE Built Environment, RISE Digital Systems, RISE Materials Production, and RISE Safety & Transport. With nearly 3,000 staff, between them, these divisions cover a diverse range of sectors and services.

RISE has worked with Ardagh Group on previous environment and sustainability projects but confirm their independence of the organisation for the purposes of providing the contracted assurance.

#### Approach

The work has been delivered in accordance with RISE's own methodology which is based on the international assurance and audit standard ISAE 3000. The following procedures were performed:

- A data review: an evaluation of the dataset for each site contained within the internal reporting system to appraise plausibility of the overall dataset and, through statistical analysis, combined with the assurance providers knowledge of the business operations, to identify any outlying data points. Any such outliers were subject to additional scrutiny to ascertain the validity of the data reported.

#### Responsibilities

For clarity, Ardagh Group and its Directors are responsible for the preparation of their ESG reporting. RISE's responsibility is solely in terms of providing limited assurance with respect to the data reported and the process of gathering and processing the data that underpins the KPIs.

#### Assurance conclusion

RISE has undertaken a limited assurance of the acquisition, processing and aggregation of the quantitative data necessary to calculate the principal environmental KPIs reported in AGP's 2025 ESG Reporting. Procedures performed in a limited assurance engagement are aimed at determining the plausibility of information and are less extensive than those employed for a reasonable assurance engagement. Nonetheless,

*Based on the datasets and calculations reviewed and the evidence observed during site audits, nothing came to the practitioner's attention to cause belief that the KPI data are materially misstated.*

Subsequently, the assurance provider verifies the following GHG emissions to be an appropriate estimate of the environmental interventions of the Heye International business:

- Scope 1 GHG emissions = 460 tonnes CO<sub>2</sub>e; Scope 2 GHG emissions (market-based) = 791 tonnes; Total Scope 1 and 2 = 1,252 tonnes CO<sub>2</sub>e

Signed and dated:

Michael Sturges, 26<sup>th</sup> May 2025  
Assurance Consultant, RISE

#### AGP-Europe

- Bad Münden, DE
- Barnsley, GB
- Doncaster, GB
- Dongen, NL
- Drebkau, DE
- Gernersheim, DE
- Gostyń, PL
- Holmegaard, DK
- Irvine, GB
- Knottingley, GB
- Limmared, SE
- Lünen, DE
- Moerdijk, NL
- Montorio al Vomano, IT
- Neuenhagen, DE
- Nienburg, DE
- Obernkirchen, DE
- Ujście, PL
- Wahlstedt, DE
- Wyszków, PL

#### AGP-Africa

- Abo & Lagos, NG
- Athlone Mine (Kwanza), ZA
- Bellville South, ZA
- Clayville, ZA
- Debre Berhan & Addis Ababa, ET
- Nairobi, KE
- Nigel, ZA
- Wadeville, ZA

#### AGP-North America

- Bridgeton
- Burlington
- Dolton
- Dunkirk
- Henderson
- Houston
- Madera
- Pevely
- Port Allegany
- Sapulpa
- Seattle
- Winchester



### Annex – list of Heye International sites covered by the assurance

26<sup>th</sup> May 2025

#### Heye International

- Nienburg
- Obernkirchen
- Poznań
- Stadthagen