

Sustainability report - additional information

About this report

Ardagh Group is proud to announce its fourth biennial Sustainability Report covering calendar years 2017 and 2018.

Approval policy

During the course of the two reference years, some changes occurred to our operating portfolio. It should be noted that performance data for both years is reported to reflect the company structure and assets during the respective years, i.e. acquired or divested facilities were taken into account as of the effective dates.

The report was prepared and written in accordance with the 'Core Level' requirements of the Global Reporting Initiative (GRI) Standards which came into force in 2017. Environmental data has been generated and aggregated from local data systems at each site. Where this has not been possible (for example, due to delays in fully integrating some new sites into the formal Ardagh Group reporting system) data has been derived based on projections and informed estimations. Overall, Ardagh is confident that the performance data reported achieves a suitable level of accuracy for the intended purpose of communicating the scale and trends in sustainability performance. This conviction is confirmed by the outcome of the limited assurance provided by an external consultancy. [Further information on the level of assurance can be found in the RISE statement.](#)

Materiality Assessment

In pursuit of Ardagh's objective to drive sustainability throughout the organisation we have identified key metrics in a materiality assessment. As part of the report development process, our existing materiality assessment, established for our previous sustainability reporting activities, was reviewed in light of developments in the sustainability agenda and the changes to the business during the current reporting period. The sustainability aspects and priorities, as well as the justification for each of the decisions previously made, were reviewed.

Annex

GRI Table

| Disclosure Number | Disclosure Title | Reference |
|-------------------|--|---|
| 102-1 | Name of the organization | Page 1, Annual Report 2018 https://www.ardaghgroup.com/userfiles/files/investors/Ardagh-Group-SA-Annual-Report-2018.pdf |
| 102-2 | Activities, brands, products, and services | 8 |
| 102-3 | Location of headquarters | https://www.ardaghgroup.com/corporate/locations |
| 102-4 | Location of operations | https://www.ardaghgroup.com/corporate/locations |
| 102-5 | Ownership and legal form | Page 4, Annual Report 2018 https://www.ardaghgroup.com/userfiles/files/investors/Ardagh-Group-SA-Annual-Report-2018.pdf |
| 102-6 | Markets served | 8 |

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| 102-7 | Scale of the organization | Page 32, 33 https://www.ardaghgroup.com/corporate/locations |
| 102-8 | Information on employees and other workers | 32, 33 |
| 102-41 | Collective bargaining agreements | 32 |
| 102-9 | Supply chain | 16, 21, 22 |
| 102-10 | Significant changes to the organization and its supply chain | 72 |
| 102-11 | Precautionary Principle or approach | 17 |
| 102-12 | External initiatives | 35, 46 ff. |
| 102-13 | Membership of associations | 44, 45 |
| 102-14 | Statement from senior decision-maker | 5f |
| 102-45 | Entities included in the consolidated financial statements | Annual Report 2018 https://www.ardaghgroup.com/userfiles/files/investors/Ardagh-Group-SA-Annual-Report-2018.pdf |
| 102-46 | Defining report content and topic Boundaries | 72 |
| 102-47 | List of material topics | This document |
| 102-48 | Restatements of information | 72 |
| 102-49 | Changes in reporting | 72 |
| 102-40 | List of stakeholder groups | 38 |
| 102-42 | Identifying and selecting stakeholders | 38 |
| 102-43 | Approach to stakeholder engagement | 38 |
| 102-44 | Key topics and concerns raised | 32 |
| 102-50 | Reporting period | 2017 & 2018 |
| 102-51 | Date of most recent report | 17/12/19 |
| 102-52 | Reporting cycle | biannually |

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| 102-53 | Contact point for questions regarding the report | Sustainability@ardaghgroup.com |
| 102-54 | Claims of reporting in accordance with the GRI Standards | Core |
| 102-55 | GRI content index | This document |
| 102-56 | External assurance | Assurance statement available here |
| 102-18 | Governance structure | 17, 32, 36 |
| 102-16 | Values, principles, standards, and norms of behavior | 16 |
| 103-1 | Explanation of the material topic and its Boundary | done individually for each indicator |
| 103-2 | The management approach and its components | done individually for each indicator |
| 103-3 | Evaluation of the management approach | done individually for each indicator |
| 201-1 | Direct economic value generated and distributed | https://www.ardaghgroup.com/userfiles/files/investors/Ardagh-Group-SA-Annual-Report-2018.pdf |
| 201-2 | Financial implications and other risks and opportunities due to climate change | 17, 42, https://www.ardaghgroup.com/userfiles/files/investors/Ardagh-Group-SA-Annual-Report-2018.pdf |
| 201-3 | Defined benefit plan obligations and other retirement plans | 32 |
| 301-1 | Materials used by weight or volume | 23 |
| 301-2 | Recycled input materials used | 23 |
| 302-1 | Energy consumption within the organization | 24, 25 |
| 302-2 | Energy consumption outside of the organization | N/A |
| 302-3 | Energy intensity | 24, 25 |
| 302-4 | Reduction of energy consumption | 24, 25, 46ff |
| 303-1 | Water withdrawal by source | 29 |

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| 303-2 | Water sources significantly affected by withdrawal of water | 28 |
| 303-3 | Water recycled and reused | 29 |
| 304-1 | Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas | 17 |
| 304-2 | Significant impacts of activities, products, and services on biodiversity | 17 |
| 304-3 | Habitats protected or restored | 17 |
| 304-4 | IUCN Red List species and national conservation list species with habitats in areas affected by operations | 17 |
| 305-1 | Direct (Scope 1) GHG emissions | 26, 27 |
| 305-2 | Energy indirect (Scope 2) GHG emissions | 26, 27 |
| 305-3 | Other indirect (Scope 3) GHG emissions | 28 |
| 305-4 | GHG emissions intensity | 26, 27 |
| 305-5 | Reduction of GHG emissions | 26, 27, 46ff |
| 305-7 | Nitrogen oxides (NOX), sulfur oxides (SOX), and other significant air emissions | 26, 27 |
| 306-2 | Waste by type and disposal method | 30, 31 |
| 306-3 | Significant spills | 31 |
| 307-1 | Non-compliance with environmental laws and regulations | 17 |
| 308-1 | New suppliers that were screened using environmental criteria | 15 |
| 308-2 | Negative environmental impacts in the supply chain and actions taken | 15 |
| 401-1 | New employee hires and employee turnover | 32, 33 |
| 401-2 | Benefits provided to full-time employees that are not provided to temporary or part-time employees | 32 |
| 401-3 | Parental leave | 32 |

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| 403-1 | Workers representation in formal joint management-worker health and safety committees | 36, 37 |
| 403-2 | Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities | 36 |
| 403-3 | Workers with high incidence or high risk of diseases related to their occupation | 36, 37 |
| 403-4 | Health and safety topics covered in formal agreements with trade unions | 36, 37 |
| 404-1 | Average hours of training per year per employee | 36 |
| 404-2 | Programs for upgrading employee skills and transition assistance programs | 34, 35 |
| 404-3 | Percentage of employees receiving regular performance and career development reviews | 34, 35 |
| 405-1 | Diversity of governance bodies and employees | 32 |
| 414-1 | New suppliers that were screened using social criteria | 15 |
| 414-2 | Negative social impacts in the supply chain and actions taken | 15 |
| 412-2 | Employee training on human rights policies or procedures | 32 |
| 406-1 | Incidents of discrimination and corrective actions taken | 32 |
| 407-1 | Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk | 15 |
| 408-1 | Operations and suppliers at significant risk for incidents of child labor | 15 |
| 409-1 | Operations and suppliers at significant risk for incidents of forced or compulsory labor | 15 |
| 412-1 | Operations that have been subject to human rights reviews or impact assessments | 15 |
| 413-1 | Operations with local community engagement, impact assessments, and development programs | 17, 46ff |
| 413-2 | Operations with significant actual and potential negative impacts on local communities | 17 |

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| 205-2 | Communication and training about anti-corruption policies and procedures | 32 |
| 205-3 | Confirmed incidents of corruption and actions taken | 32 |
| 206-1 | Legal actions for anti-competitive behavior, anti-trust, and monopoly practices | 32 |
| 419-1 | Non-compliance with laws and regulations in the social and economic area | 17 |