

Kellogg (Aust) Pty Ltd

Reporting Tool Setup

Reporting Tool Setup Details

Is this your first year of annual reporting to APCO?

No

Supply Chain Position

Primary: Manufacturer

Secondary: None provided

Industry Sector

Primary: Food & Beverage

Secondary: None provided

Does your parent organisation operate in countries other than Australia?

Yes

Regions: Globally

Percentage annual turnover attributed to Australian operations: 2.4%

Reporting Period

Calendar Year: 1st Jan - 31st Dec

Baseline metric

Tonnes of packaging

Recent reporting: 10132.79

Previous reporting: 10477.9

Kellogg (Aust) Pty Ltd

LEADERSHIP

1.1 Packaging Sustainability Strategy

Does your organisation have a packaging sustainability strategy that commits to using the Covenant Sustainable Packaging Guidelines (SPG) (or equivalent)? Yes

Supporting evidence: *Kellogg 2020 Global Sustainability Commitments - https://www.kelloggsnutrition.com/en_worldwide/where_we_are_going/articles2/Global_Sustainability.html In 2018, the 2025 Africa Middle East Asia (AMEA) Sustainability Plan goals were announced; working towards 100% reusable, recyclable or compostable packaging by the end of 2025. This builds on Kellogg's current 2020 sustainable packaging commitment, to ensure 100 percent of all timber-based packaging is either recycled or certified as sustainably sourced. <http://newsroom.kelloggcompany.com/2018-10-25-Kellogg-Announces-New-Global-Sustainable-Packaging-Goal> Corporate Responsibility Report details sustainability strategies and commitments - <http://crreport.kelloggcompany.com/cr-report>*

Is the packaging sustainability strategy integrated into business processes? Yes

Supporting evidence: *The presence of Global & AMEA commitments towards sustainability. We have established waste, water & energy targets that are monitored in daily meetings and are digitally displayed real time. The Sustainable Packaging Guidelines are referenced in the Kellogg packaging LAM document. The Kellogg sustainability commitments and goals are included in position descriptions of key personnel responsible for the implementation, reinforcing accountability. Our sustainability commitments are also included in our procurement process. Potential suppliers are provided with our code of conduct to ensure they are aware of and contribute to meeting our sustainability goals. This is a key component to assist in the process of selecting our suppliers.*

Is your packaging sustainability strategy integrated in a quality system for continuous improvement? Yes

Supporting evidence: *Kellogg processes are documented and regularly reviewed under the Quality and Environment, Health & Safety (EHS) Management system. Our continuous improvement journey involves cross function team meetings, reviews and constructive feedback to ensure we continuously improve not only on our packaging sustainability strategy, but also our commitments to water, waste and energy. The Sustainable packaging guidelines form a component of our Environment, Health & Safety (EHS) Management system.*

Does the packaging sustainability strategy include specific, measureable and time-based targets for packaging sustainability? Yes

Supporting evidence: *100% reusable, recyclable or compostable packaging by 2025. Maintain commitment to 100% timber based packaging from either recycled content or from certified sustainable sources. We continue adding value to foods and the planet via resource efficient packaging, as measured by improved performance for recycled content, recyclability and food to package ratios.*

Do you publicly report on progress against your packaging sustainability targets? Yes

Supporting evidence: *The Kellogg company Corporate Social Responsibility (CSR) Report is completed annually, is available on the Kellogg website and contains progress updates on packaging sustainability targets and resource efficiency. <http://crreport.kelloggcompany.com/>The Kellogg website includes information on sustainable packaging and employee led environmental initiatives. It also includes information on our commitments to reduce waste, water and energy, our pollution incident response management plan and previous Australian Packaging Covenant submissions.*

Additional comments: *Our sustainable packaging framework focusses on improving performance through the package to food ratio, percent recycled material content and percent materials that are commonly recoverable. In 2018, all eligible packaging contains the Redcycle logo encouraging consumers to recycle flexible plastics. The Australasian Recycling Label (ARL) has been incorporated into our recycling on pack logo. The use of the Packaging Recycling Label Programme (PREP) has significant benefits not only that it is a nationally consistent approach to packaging transparency but it makes it easier for consumers to do the right thing after use. Potential Kellogg suppliers are qualified under our procurement process including our code of conduct to ensure they are aware of & contribute to meeting our sustainability goals. We are continuously working with suppliers to investigate packaging options & to continuously improve our impact as well as ensuring food quality and safety standards are met.*

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1.2 Closed Loop Collaboration

Have you investigated options for joining or starting a collaborative closed loop initiative or program? Yes

Supporting evidence: *We are in collaboration with Redcycle, APCO focus group & the Ellen Macarthur Foundation to identify barriers to recover and reuse packaging and develop strategies to address and build innovation across industry sectors and the supply chain.*

Have you joined at least one existing initiative or worked with others to set up at least one closed loop initiative or program? Yes

Initiatives joined: 5

Supporting evidence: *Redcycle collaboration involving use of Redcycle logos on eligible packaging in Australia and New Zealand to encourage recycling of Kellogg products. Active participants in the APCO focus group, where Kellogg representatives have conducted presentations associated with packaging sustainability. Ellen Macarthur Foundation Signatory. At Kellogg, we believe that working side-by-side, businesses and governments can tackle plastic pollution, which is why we've signed the New Plastics Economy Global Commitment. Australian Sustainable Business Group Member. Attendance & participation in the Orica Botany Liaison Committee. At Kellogg's, we continuously work with suppliers & have meetings to address packaging sustainability efforts.*

Is data being collected to monitor the outcomes of these collaborative closed loop initiatives or programs? Yes

Supporting evidence: *Through our partnership with Redcycle, we receive progress reports twice a year. From July to December 2018, Consumers returned 7.7 tonnes of Kellogg's packaging representing an increase of 24% from the previous period. <http://www.redcycle.net.au/partners/APCO> Working group - creation of workflows surrounding soft plastics is in place.*

Have you joined or worked with others to set up any collaborative closed loop initiatives or programs that can demonstrate tangible (quantitative) outcomes? Yes

Supporting evidence: *Redcycle collaboration - During the July to December 2018 period, consumers returned 7.7 tonnes of Kellogg's packaging representing an increase of 24% from the previous period. We are investigating an additional Global recycling platform for other Kellogg products not currently utilising Redcycle logo. We are part of the Soft plastics working group with APCO, where recommendations to the Federal Government has been submitted.*

Is there a formal process in place to continually identify new opportunities for collaboration on closed loop initiatives or programs, or to improve existing initiatives or programs? Yes

Supporting evidence: *We have Global meetings that align to the Kellogg sustainability commitments. Meeting topics include; packaging innovation, sustainability and recyclability of Kellogg products. There is an opportunity in 2019 to incorporate this further into our internal APCO cross functional meetings. In 2018, A request to join working groups for closed loop collaboration was sent and in May 2018 acceptance into the APCO soft plastics working group was received.*

Additional comments: *Kellogg is involved in other closed loop initiatives including the Australian Food and Grocery Council (AFGC) Environmental packaging sustainability committee. The use of the PREP programme enabling a product labelling scheme that clearly outlines for consumers what product packaging is made from so they can correctly recycle.*

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LEADERSHIP

1.3 Consumer Engagement

Do you wish to report against this recommended criteria for the current reporting period? Yes

Do you provide consumers with any information on the sustainability of your packaging? Yes

Supporting evidence: Kellogg's social networks, websites and our Corporate Responsibility report includes information on sustainable packaging and employee led environmental initiatives. It also includes information on our commitments to reduce waste, water and energy, our pollution incident response management plan and previous Australian Packaging Covenant submissions. The Open For Breakfast site references questions associated with packaging and includes a Redcycle story including how consumers can recycle their cereal packaging. This is supported with paid digital media spend. We respond to specific questions from consumers on packaging sustainability through phone, email or social media platforms.

Does any of your packaging include on-pack claims or labels on packaging sustainability (excluding disposal/recycling claims and labels)? No

How many Tonnes of packaging put on the market over the reporting period have package labelling that encourages active consumer engagement in packaging sustainability? 10132.79

Quantitative accuracy: High

Supporting evidence: In 2018, All eligible packaging contained the Redcycle logo encouraging consumers to recycle flexible plastics. The Australasian Recycling Label (ARL) was also incorporated into our recycling on-pack labelling.

Does your organisation actively engage consumers, through packaging design, to reduce the impacts of consumption? Yes

Supporting evidence: Yes, we engaged consumers in 2018 for innovation in relation to our Fun & Variety packs as well as our food service range. We also encouraged the reuse of cartons through colouring on packs prior to recycling on our Frosties cereal cartons.

Does your organisation support on-pack sustainability education with marketing campaigns? Yes

Supporting evidence: Kellogg on pack sustainability education is communicated through Kellogg's social networks and websites, managed by the corporate communications department. The Kellogg website continues to provide information surrounding environmental sustainability and corporate responsibility with links to key reports and activities. Our Corporate Responsibility report includes information on our responsible sourcing commitments including sustainable agriculture, conserving natural resources, sustainable packaging and employee led environmental initiatives. It also includes information on our commitments to reduce waste, our pollution incident response management plan and previous Australian Packaging Covenant submissions.

Additional comments: The Redcycle logo is on all eligible products and we will continue to add the Redcycle logo to any new eligible products. To ensure we meet consumer interests on sustainably sourced and made products, we are in continuous consultation with suppliers on Forest Stewardship Council (FSC) Chain of custody certified material and or Programs for the Endorsement of Forest Certification (PEFC).

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LEADERSHIP

1.4 Industry leadership

Do you wish to report against this recommended criteria for the current reporting period? Yes

Have you led or initiated any packaging sustainability initiative(s)? Yes

Supporting evidence: *In honour of Keep Australia Beautiful Week, in 2018 Kellogg hosted a south Sydney beach clean up with the boys from Canobolas Clontarf Academy. GoGreen Initiative - Kelloggs Globally announced the transition to compostable & paper food service products at all sites. Eliminating all remaining single-use foam and plastic service ware, plastic straws & plastic water bottles. We are continuously working on down gauging our materials without impacting the production process & waste levels. Review of compostable film and its application for our product range was underway in 2018 where trials completed within the Kellogg company. In 2018, we commenced the exploration into the addition of recycled content into our packaging films.*

Do you work collaboratively with other organisations or customers to improve sustainability outcomes? Yes

Number of initiatives: 7

Supporting evidence: *Kellogg's has been working with suppliers to identify packaging designs that minimise waste. Our 2020 global sustainability commitments, cover two key pillars .Responsible sourcing pillar relates to how we source our ingredients & materials, ensuring they are sourced sustainably & responsibly as possibly. The conserving natural resources pillar covers waste reduction within our business operations. We continue our partnership with Redcycle. Ongoing relationship with Foodbank and Oz Harvest to reduce food waste. Expansion of our sustainability commitments - 100% reusable, recyclable or compostable packing by 2025. Conservation Australia volunteering & bush regeneration. APCO plastics focus group & keep Australia Beautiful Week involvement*

Has your organisation received external recognition for its contribution to packaging sustainability within your chosen reporting period? No

Are you actively engaging with peers to promote packaging sustainability and share sustainability knowledge for non-commercial purposes? Yes

Supporting evidence: *APCO plastics focus group involvement and active participation through presentation delivery and regular progress meetings. Kellogg is an ongoing Redcycle member, promoting recyclability of product packaging. Through our consumer advisory centre consumers can request information surrounding sustainability. The Kellogg website and social media provide another platform for updates on sustainability.*

Additional comments: *In 2018, Kellogg continued our commitment to our Volunteering Policy, where employees were involved in bush regeneration and activities with conservation Australia, in addition to supporting men's / women's health, school programs including storytelling and mock interviews. Kellogg have long supported hunger relief programs through our global purpose platform, Breakfasts for Better Days, as well as the livelihoods of farmers to help ensure there is enough food for all. In 2018 we donated 6,071 675 servings of cereal and snacks to children and families in need. In 2019, we will continue our commitment to initiatives and programs to reduce litter and /or environmental impacts. Our 2019 scheduled includes Earth hour, Keep Australia Beautiful and National recycling week where we will engage personnel on packaging sustainability education. Article published in 2018 - <https://www.insidewaste.com.au/index.php/2018/12/18/accomplishing-sustainability-goals-through-collaboration/>*

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OUTCOMES

2.1 Packaging Design & Procurement

Do you have a documented procedure on using the Sustainable Packaging Guidelines (SPG) or equivalent to evaluate and improve packaging? Yes

Supporting evidence: *We have an internal Kellogg project approval process that is signed off by the Directors of Kellogg's Australia and New Zealand (KANZ). We also have the Sustainable Packaging Guidelines formats according to the SPG guidelines, EHS Management System Procedures for KANZ Packing Material Recycling Symbols.*

How many Tonnes of packaging put on the market over the reporting period have had their packaging reviewed using the SPG or equivalent to consider sustainability criteria? 10132.79

Quantitative accuracy: *High*

Supporting evidence: *100% of our packaging on the market in 2018 was reviewed with the SPG or equivalent Kellogg sustainability criteria.*

How many Tonnes of packaging put on the market over the reporting period used Life Cycle Assessment (LCA) or a similar life cycle tool to consider sustainability? 0

Supporting evidence: *We have not performed LCA directly, however through our partner Visy, LCA has been performed to % or tonnes of our packaging.*

Additional comments: *All Kellogg product packaging contains labelling that encourages active consumer engagement in packaging sustainability as per our packaging design and procurement internal Kellogg process.*

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OUTCOMES

2.2 Packaging Materials Efficiency

Has your organisation developed a plan, or are you investigating opportunities, to optimise the quantity of material used for packaging? Yes

Supporting evidence: Completed as part of the SPG reviews. Pack to fill ratios for Ready To Eat Cereal (RTEC) products are reviewed daily through Product Evaluation System. Pack sizing is discussed with leadership to make the best decision for environment sustainability & product food quality. We have dedicated roles to analyse waste & implement continuous improvement strategies. An overall reduction in packaging with the transition to sachets for our Fun & Variety packs as well as the food service range. A reduction in packaging within the manufacturing process & in transportation packaging such as shrink wrap, as a co-packer is no longer utilised. We receive transportation damage reports & have meetings to address any product damage to reduce excess waste.

How many Tonnes of packaging put on the market over the reporting period have achieved a reduction in material weight or have been optimised for material efficiency? 5593.11

Quantitative accuracy: High

Supporting evidence: Over 65% of our packaging has been optimised through our packaging review process such as the transition from cereal boxes to sachets for our Fun and Variety packs and through the reduction of material weight in RTEC and snack packaging.

Additional comments: We are currently working through additional trial processes to reduce the weight on all RTEC and snack packaging, which commenced in 2018. In 2018 we obtained materials for trial with the aim of reducing material weight in our cereal liner films.

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OUTCOMES

2.3 Recycled & Renewable Materials

Has your organisation developed a plan, or are you investigating opportunities, to optimise the quantity of materials in your packaging that are renewable and/or contain recycled content? Yes

Supporting evidence: *In 2018, we explored opportunities for renewable and recycling materials.*

How many Tonnes of packaging put on the market over the reporting period have packaging that incorporate some recycled or renewable content, or have packaging that has been optimised for recycled or renewable content? 8604.79

Quantitative accuracy: *High*

Supporting evidence: *The Ready-To-Eat-Cereal (RTEC) packaging has been optimised for recycling.*

Additional comments: *In 2018, a Kellogg company project was commenced in relation to improving packaging recyclability for Pringles. The Tidyman logo is currently on Pringles packaging, therefore providing consumers with education on recyclability. We continue to collect data and monitor progress in order to optimise the quantity of materials in Kellogg product packaging that contain recycled content.*

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OUTCOMES

2.4 Post-consumer Recovery

Has your organisation developed a plan, or are you investigating opportunities, to increase or optimise the recoverability of packaging? Yes

Supporting evidence: *The Kellogg Company Global Sustainability Commitments now include a goal towards 100% reusable, recyclable or compostable packing by 2025. In 2018, we added the Redcycle logo on packs as well as educating our consumers on recycling post consumption. We have continued to collect data to quantify the amount of packaging that can be recovered.*

How many Tonnes of packaging put on the market over the reporting period have packaging that can be recovered through existing post-consumer recovery systems? 8604.79

Quantitative accuracy: *High*

Supporting evidence: *In relation to the above baselines, when comparing the 2018 annual report to the 2019 annual report, it is important to note that RTEC packaging weight has decreased and our production tonnage has increased.*

Additional comments: *The total tonnes of packaging baseline reported in the 2018 Annual report included material exported and sold beyond Australia. The 2019 Annual reported tonnes of packaging baseline represents packaging sold within Australia only.*

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OUTCOMES

2.5 Consumer Labelling

Do you wish to report against this recommended criteria for the current reporting period?	Yes
Has your organisation developed a plan, or are you investigating opportunities, to improve on-pack consumer labelling for disposal or recovery?	Yes
<p>Supporting evidence: <i>In 2018, All eligible packaging contained the Redcycle logo reinforcing and encouraging consumers to recycle flexible plastics. The use of the Tidy man logo & PREP labelling was also in place. The Australasian Recycling Label (ARL) has also been incorporated into our recycling on pack labelling to clearly outline for consumers what the product packaging is made from to ensure they can correctly recycle after use.</i></p>	
How many Tonnes of packaging put on the market over the reporting period have packaging labelled for disposal or recovery?	10132.79
<p>Quantitative accuracy: <i>High</i></p> <p>Supporting evidence: <i>Pringles packaging includes the Tidyman logo and all RTEC packaging contains the ARL. Redcycle logo for all eligible products.</i></p>	
How many Tonnes of packaging put on the market over the reporting period have packaging labelled for disposal or recovery in compliance with AS/NZS ISO 14021 (a standard for self-declared environmental claims)?	10132.79
<p>Quantitative accuracy: <i>Medium</i></p> <p>Supporting evidence: <i>Kellogg packaging sold in Australia contains environmental claims that are third party certified e.g. Australasian Recycling Label.</i></p>	
<p>Additional comments: None provided</p>	

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OUTCOMES

2.6 Product Packaging Innovation

Do you wish to report against this recommended criteria for the current reporting period? Yes

Has your organisation developed a plan, or are you investigating opportunities, to review whole product-packaging systems to improve packaging sustainability? Yes

Supporting evidence: All new products are reviewed under the SPG. We have an internal project which contains information surrounding whole product packaging material, which has been reviewed to increase sustainability and recyclability of Kellogg packaging for all products sold in Australia. This is currently company confidential. The 2020 & 2025 Sustainability commitments contain a plan to improve packaging sustainability.

Does your organisation have a documented procedure in place to evaluate the sustainability of whole product-packaging systems? Yes

Supporting evidence: The Global sustainability commitments detail the Kellogg sustainability goals. The LAM document details requirement to conduct SPG, which form a component of the Innovation decision meeting where the Kellogg board review artworks and sustainability aspects. We have testing protocols for material supply and conduct audits to ensure we purchase from suppliers that offer FSC certified material. We have an internal project which contains information surrounding whole product packaging material which has been reviewed to increase sustainability and recyclability of Kellogg packaging for products sold in Australia.

Do you report on product-packaging systems that have been evaluated using Life Cycle Assessment (LCA)? No

Additional comments: We are partnering with suppliers on the sustainability of whole product-packaging systems.

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OPERATIONS

3.1 Business-to-Business Packaging

Has your organisation developed a plan, or are you investigating opportunities, to reduce single use business-to-business packaging going from your sites and facilities to customers (e.g. manufacturers or retailers)? Yes

Supporting evidence: *We have an internal project where we are reducing packaging from an external source to packing in-house in Botany and working with our strategic partnerships.*

Are you collecting data on the amount of business-to-business packaging you provide to customers that is single-use? Yes

How many tonnes of single-use business-to-business packaging did you send to customers during your chosen reporting period? 473.52

Quantitative accuracy: *Medium*

How many tonnes of single use business-to-business packaging did you send to your customers during the previous reporting period? 345

Quantitative accuracy: *Medium*

Do you have a continuous process in place to monitor and collect data on the amount of business-to-business packaging that has been optimised for material efficiency and reuse (i.e. no further improvements in efficiency or reuse are possible at the present time)? Yes

Percentage optimised: *87%*

Quantitative accuracy: *Medium*

Additional comments: *It is important to mention that, out of 473.52 tonnes of business-to-business packaging sent to our customers, 270 tonnes are the pallean stock that is returned for reuse to our site (part of our stock). In the previous reporting period, sachets were not part of the Kellogg product range.*

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OPERATIONS

3.2 Waste Diversion

Do you wish to report against this recommended criteria for the current reporting period? Yes

Do you collect data on the quantity of solid waste generated at your sites and facilities and the quantity or percentage of solid waste recovered? Yes

How much solid waste did you generate at your sites and facilities over your chosen reporting period? (tonnes) 5462.9

Quantitative accuracy: High

Supporting evidence: This information is derived from our Kellogg weighbridge. All waste leaving site is captured in this calculation. This information is updated daily and tracked monthly in our online data monitoring system - Kellogg Cares about People & Planet (KCAPP) which is reported globally.

How much on-site solid waste did you reuse, recycle, compost or send to an energy-from-waste facility during your chosen reporting period? (tonnes) 5189.75

Quantitative accuracy: High

Supporting evidence: This is aligned with the Kellogg sustainability commitments surrounding our landfill waste reduction. This information is tracked monthly in our KCAPP system and it is reported globally.

Additional comments: Kellogg recycles or reuses all waste streams wherever possible to reduce our overall impact to landfill.

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OPERATIONS

3.3 Supply Chain Influence

Do you wish to report against this recommended criteria for the current reporting period? Yes

Does your organisation communicate your packaging sustainability goals and packaging guidelines to the majority of tier 1 suppliers and downstream customers (for business-to-business organisations)? Yes

Supporting evidence: *We communicate through our sustainability goals and social media platforms. Our packaging and sustainability requirements and guidelines are included in our internal procurement documentation such as the Kellogg company code of conduct. In 2018, Kellogg announced new sustainable packaging goal - working towards 100% reusable, recyclable or compostable packaging by the end of 2025. This aspiration builds on Kellogg's current sustainable packaging commitment, as part of its Sustainability 2020 goals, to continue to ensure 100 percent of all timber-based packaging is either recycled or certified as sustainably sourced.*

Does your organisation provide support to tier 1 suppliers and customers to improve their understanding of packaging sustainability goals and strategies? Yes

Supporting evidence: *Through sourcing events, Supply Relationship Management process and joint business planning, we are able to support tier 1 suppliers to improve their understanding of packaging sustainability goals and strategies.*

Does your organisation collaborate with tier 1 suppliers and customers to share knowledge and improve packaging sustainability? Yes

Supporting evidence: *We do trials on supplier led changes and work on case optimisations with our customers. Also, through the sourcing events, Supply Relationship Management process and joint business planning, we are able to support tier 1 suppliers on packaging sustainability goals and strategies.*

Does your organisation have processes in place to evaluate supply chain risks and opportunities for influence throughout the entire supply chain (tier 1 and below)? Yes

Supporting evidence: *Our process for evaluating supply chain risks and opportunities is through these Supply Relationship Management (SRM) events when we review our supplier's capabilities, operational and reputational risks, and codevelop opportunities for strategic work relating to sustainability. A change of specification goes through an approval process called SCR to approve or reject the change after trials.*

Does your organisation have processes in place to monitor and track compliance with key packaging sustainability requirements throughout the entire supply chain (full traceability)? Yes

Supporting evidence: *Kellogg report annually on progress on our packaging commitments through our Corporate Responsibility Report and CDP Forests reporting. Timberbased packaging metrics are tracked globally through the Global Sustainability Scorecard to measure progress against our commitment to source 100% of our timber based packaging from either recycled content or virgin certified sustainable sources.*

Additional comments: *Kellogg announces New Global Sustainable Packaging Goals - <http://newsroom.kelloggcompany.com/2018-10-25-Kellogg-Announces-New-Global-Sustainable-Packaging-Goal> Corporate Responsibility Report - <http://crreport.kelloggcompany.com/cr-report>*

Kellogg (Aust) Pty Ltd

PACKAGING METRICS

How much packaging by weight did your organisation put onto the market in Australia in the reporting period?

Please include all components including retail and distribution packaging. This section will be used to collect information on the total amount of packaging that is being generated in aggregate. Data will be summed across industries and sectors to estimate progress towards achieving packaging sustainability in Australia.

Non Plastics

Aluminium	0 Tonnes
Quantitative accuracy: High	
Comments: None provided	
Glass	0 Tonnes
Quantitative accuracy: High	
Comments: Zero glass Food Safety Global Policy	
Timber	0 Tonnes
Quantitative accuracy: Medium	
Comments: Pallets are not put on the market, they are constantly reused.	
Metal/Steel	161 Tonnes
Quantitative accuracy: Medium	
Comments: None provided	
Paper/Cardboard	8262.73 Tonnes
Quantitative accuracy: Medium	
Comments:	
Composites	825 Tonnes
Quantitative accuracy: Medium	
Comments: None provided	

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PACKAGING METRICS

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Plastics

Bioplastics	0 Tonnes
Quantitative accuracy: High	
Comments: None provided	
High-Density Polyethylene	0 Tonnes
Quantitative accuracy: Medium	
Comments: None provided	
Low-Density Polyethylene	818.06 Tonnes
Quantitative accuracy: Medium	
Comments: None provided	
Polyethylene Terephthalate	0 Tonnes
Quantitative accuracy: High	
Comments: None provided	
Polyvinyl Chloride	0 Tonnes
Quantitative accuracy: High	
Comments: None provided	
Polypropylene	66 Tonnes
Quantitative accuracy: Medium	
Comments: None provided	
Rigid Plastics	0 Tonnes
Quantitative accuracy: Medium	
Comments: None provided	
Soft Plastics	0 Tonnes
Quantitative accuracy: Medium	
Comments: None provided	
Expanded Polystyrene	0 Tonnes
Quantitative accuracy: Medium	
Comments: None provided	
Other Plastics	0 Tonnes
Quantitative accuracy: Medium	
Comments: None provided	

Kellogg (Aust) Pty Ltd

Freeform

Freeform Questions

Describe initiatives, processes or practices that you have implemented over the previous 24 months that have improved packaging sustainability.

In 2018, we have implemented the "Smart Factory Project" which consists of the deployment of digitalisation screens at our Botany site, which are monitored daily. The project consists of the installation of smart sensors (Machine learning/ Artificial intelligence) to monitor critical equipment. The biggest benefit it has is to enable us to monitor operational efficiencies in production lines: detect inefficiencies, take immediate corrective actions and identify potential further improvements. Reductions in packaging, waste, water and energy have already been achieved and further improvements are expected for 2019.

Describe any opportunities or constraints that affected performance within this reporting period.

Not answered

Kellogg (Aust) Pty Ltd

Freeform

Freeform Case Studies

Case Study:

File: None provided

Not answered

Case Study:

File: None provided

Not answered

Case Study:

File: None provided

Not answered

Disclaimer

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