



Signatory Name: Amgen Australia Pty Ltd

The question numbers in this report refer to the numbers in the report template. Not all questions are displayed in this report.

Status: In Progress

The content in this APC Annual Report is hereby endorsed by the Chief Executive Officer, or equivalent officer of the organisation.

Yes

5. Industry sector (please select 1 only):

- Brand Owner / Wholesaler / Retailer
- Packaging Manufacturer
- Waste Management
- Other - Commercial Organisation
- Community Group
- Industry Association
- Government
- Raw Material Supplier
- Other:

6. Industry type (please select 1 only):

- Food & Beverage
- Pharmaceutical / Personal Care / Medical
- Hardware
- Homewares
- Communications / Electronics
- Clothing / Footwear / Fashion
- Chemicals / Agriculture
- Fuel
- Large Retailer
- Tobacco
- Shipping Company
- Airline
- Other:

7. Please indicate your organisation's reporting period:

- Financial Year: 1 July 2015 – 30 June 2016
- Calendar Year: 1 January 2016 – 31 December 2016

Goal 1: Design

KPI 1: % of signatories with documented policies and procedures for evaluating and procuring packaging using the SPGs or equivalent.

9. Does your company have documented policies and procedures for evaluating and procuring packaging using the SPGs or equivalent?

Yes No

Provide details of policies and procedures

Amgen Inc. is a global pharmaceutical company that has a 2020 Environmental Sustainability Plan (<http://environment.amgen.com/>). This is our second plan since 2008, covering the full scope of our business, allowing us to gain a better understanding of our overall environmental impact and integrate sustainability into our products and processes.

The plan is focused on driving sustainable practices in the areas of research, development and manufacturing; transportation and distribution; commercial operations; sourcing; and products and packaging. As part of our plan, we are committed to achieving specific targets by 2020, including: a 10% reduction in facility carbon; 20% reduction in fleet carbon; 35% reduction in waste disposal; and a 10% reduction in water use (compared to our 2012 baseline).

An annual Environmental Sustainability Report is produced, setting out our progress towards targets. As part of our policy commitments, Amgen has documented policies and procedures for evaluating and procuring packaging based on the principles of the APC's Sustainable Packaging Guidelines, as well as other environmental considerations. Amgen Inc. also reports its environmental and sustainability performance in line with the Global Reporting Initiative (GRI).

Our policies are listed as follows:

a) Amgen Inc. Environmental Sustainability Policy: <http://www.amgen.com/responsibility/environmental-sustainability/commitment/>. This policy sets out a company commitment and targets for reducing environmental impacts, integrating sustainability into the value chain, and strengthening our culture of environmental awareness.

b) Amgen Inc. Environmental Sustainability Report:

<http://www.amgen.com/responsibility/environmental-sustainability/>. Our annual report documents our progress in waste reduction and other environmental sustainability KPI's consistent with the Global Reporting Initiative (energy, carbon, other carbon, water, waste, fleet and compliance). The latest report is available for 2015.

c) Amgen's Green Packaging Assessment FORM-0501.

This is a tool used to evaluate Green Packaging Assessment (internal tool). We developed sample product sustainability profiles and scores for selected products as part of our product life-cycle management program. These profiles look at such criteria as the manufacturing processes used; the sustainability factors of product packaging and devices, if applicable; and product disposal.

10. Of the types of packaging **existing at the beginning of the reporting period**, what percentage had been reviewed using the Sustainable Packaging Guidelines (SPG) by the end of the reporting period?

%

11. Have any new types of packaging been introduced during the reporting period?

Yes No

12. If yes, of the **new types of packaging introduced during the reporting period**, what percentage have been reviewed using the Sustainable Packaging Guidelines (SPG) by the end of the reporting

%

13. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 1

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	<p>Continue to fully implement Amgen’s Green Packaging program within Amgen’s existing Environmental Sustainability Program (to meet our obligations under the Sustainable Packaging Guidelines).</p> <p>Targets: a. Ensure 100% of all new product lines are assessed as part of the Green Packaging Tool. b. Ensure 100% of all new product lines use forest-certified paperboard as secondary packaging.</p>	<p>Amgen’s Green Packaging Metrics Tool was established in 2011. It comprises of a scoring tool for incorporating sustainability considerations into packaging design. This has now been implemented into standard practice and is being used to establish a sustainability score for either redesigns or new, unique packaging configurations.</p> <p>The assessment tool is used by package engineering when evaluating new packaging designs by evaluating material selection e.g. post consumer recycled material used, use of source-certified components, renewable resource use and cost and performance, such as ease of shipping, reduction in dead space in packaging and consumer-focused messaging, to ensure understanding of how to properly dispose of the recyclable product.</p> <p>In 2016, the Green Packaging Tool was applied to all our four new release products. These included: a) Avanti Cassette b) Neulasta OnPro Kit (reduced packaging size) c) Parsabiv, and d) Repatha On-Body Infusor</p> <p>As part of our new product rollout, we significantly reduced the packaging used in production of one of our new products, Neulasta OnPro Kit. With a focus on enhanced packaging design, the company has reduced the carton size by 32%, and has reduced the requirement for printing labels for the packaging. These products have been released in the United States and one will be introduced into the Australian market this year.</p> <p>Since 2013, Amgen has rolled out the use of fully recyclable paperboard in all packaging from certified sustainable forests. In 2015, the use of packaging from certified sustainable forests has been adopted as standard practice across all Amgen products. The use of certified sustainable forest fibre in packaging has extended into the corrugated cardboard shippers used world-wide. This policy and practice has continued for 2016.</p> <p>In 2016, Amgen has met all targets under KPI1 as defined in our 2016 – 2019 Action Plan.</p>

<p>2.</p>	<p>Identify appropriate Green Packaging Metrics that can be used to assess new carbon footprint of packaging designs & evaluate existing packaging</p> <p>Targets:</p> <p>a. Work towards increasing integration of sustainability into or products and processes</p> <ul style="list-style-type: none"> + Reduce facility emissions by 10 percent + Reduce facility disposed waste by 35 percent + Reduce facility water use by 10 percent <p>b. Track packaging harmonization improvements – Track environmental sustainability and environmental assurance in Global system and include results in APC Annual Reports.</p>	<p>As part of the Green Packaging Tool assessment process, Amgen prepares product sustainability profiles and scores for selected products as part of our product life-cycle management program. These profiles look at such criteria as the manufacturing processes used; the sustainability factors of product packaging and devices, if applicable; and product disposal. We use the profiles as a benchmarking tool to assess areas for improvement. Our performance against these sustainability criteria are reported in our Environmental and Sustainability Reporting Summary (http://www.amgen.com/responsibility/environmental-sustainability/).</p> <p>In 2016, all new Amgen products were assessed using our Green Packaging Tool. This included a detailed assessment of the proposed packaging for new products Avanti Cassette, Neulasta OnPro Kit (reduced packaging size), Parsabiv, and Repatha On-Body Infusor.</p> <p>As per previous reports, Amgen had considered carbon footprint component to the Green Packaging Tool to drive further improvements in packaging sustainability. After assessing the needs versus the outputs of the tool, Amgen determined that the outputs were not sufficient to drive meaningful improvements, and thus, the integration was not pursued.</p> <p>As a global company, Amgen has established quantitative targets to be achieved as defined in our 2020 Environmental Sustainability Plan. Our progress towards these targets between 2012 and 2015 is outlined as follows:</p> <ul style="list-style-type: none"> + Reduce facility emissions by 10% - Progress toward goal: 13,500 tonnes of 38,500 tonnes (35% of target reached) + Reduce facility waste disposed by 35% - Progress toward goal: 688 tonnes of 1,490 tonnes (46% of target reached) + Reduce facility water use by 10% - Progress toward goal: 142,000 cubic meters of 269,000 cubic meters (53% of target reached) <p>Amgen Australia actively tracks and documents suggested improvements to packaging design through our Global operations. We provide feedback to our Head Office in the United States on suggested packaging design improvements.</p> <p>We believe Amgen is making strong progress towards achieving our targets under KPI1 of our 2016 – 2019 Action Plan.</p>
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3.	<p>Evaluate secondary and tertiary packaging configurations</p> <p>Targets: >70% of all individual products distributed by DHL to the same sites occurs through combined packaging to reduce use of packaging materials.</p>	<p>Amgen delivers a range of products to customer hospital and clinical care sites, with distribution performed by our supply chain partner, DHL. In 2015 and 2016, we have been working closely with DHL to improve the efficiency and sustainability of our product distribution system, particularly in cases where orders of multiple products are required in the same shipment.</p> <p>To reduce the requirement of tertiary packaging, or cardboard boxes to package up and deliver our products, DHL now makes 100% of deliveries in combined tertiary packaging to avoid the use of excessive packaging. This has resulted in improvements to distribution efficiency, with less empty void space in packaging, with reduced overall packaging.</p> <p>Quantitative estimates of packaging savings will be a focus of our actions in 2017.</p>
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14. Describe any constraints or opportunities that affected performance under this KPI

Amgen is a global pharmaceutical company that is constrained to operating within a highly-regulated framework. Amgen Australia's products are supplied by Amgen Inc (USA) and decisions on packaging are made by global headquarters, taking each country's specific packaging requirements into consideration, including recycling symbols. Amgen's Green Packaging Assessment tool ensures that the recycling symbol, raw material selection (safe/environmentally friendly), raw material use, recyclability, energy use, water use and waste generation are key components of the environmental sustainability of Amgen Australia's packaging.

Amgen Inc has a global long-range sustainability plan in place, that includes multi-year activities through to 2020. There is a measured approach to the development of green packaging initiatives, assessing a range of possible choices, and their applicability for use in Amgen's businesses. There are mechanisms in place for Amgen Australia to continue partnering with global headquarters, providing input to impact green packaging where possible.

Amgen as a global company produces an annual Environmental Sustainability Report as part of its environmental commitments. This is the second major sustainability plan for the company. Our current plan, updated with progress achievements in 2015, highlight progress towards our targets in the 2020 Environmental Sustainability Plan. This is published on our Corporate Sustainability website, <http://www.amgen.com/responsibility/environmental-sustainability/>.

We participate in a number of annual surveys, responding with detailed information requested by stakeholders, such as the CDP and the Dow Jones Sustainability Indices (DJSI) in collaboration with RobecoSAM. As evidence of our ability to respond to issues of greatest concern to stakeholders, Amgen, in the 2015 DJSI survey, ranked among the top 10 percent of performers in the biotechnology industry and was selected as a member of the DJSI North America Index for a third year and the World Index for a second year.

Our 2015 Environmental Sustainability Report is now aligned with Global Reporting Initiative, an international best practice standard for environmental sustainability reporting. The company is committed to developing innovative ways of manufacturing medicines and introducing new technologies to deliver these to patients. Amgen believes it is important to engage in these activities while remaining committed to sustainability.

In 2017, we will continue our efforts in meeting our targets under KPI1, and we will also focus on estimating packaging savings through our new combined shipping arrangements with our supply chain partner, DHL.

Goal 2: Recycling

KPI 3: % signatories applying on-site recovery systems for used packaging.

15. Do you have on-site recovery systems for recycling used packaging?

- Yes at all facilities/ sites
- Yes at some, but not all facilities/ sites
- No

16. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 3

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	<p>Improve recovery of packaging away from home sources. Increase office recycling collection data on previous period by educating and increasing staff awareness on recycling</p> <p>Targets:</p> <ul style="list-style-type: none"> a. Conduct biannual BinTrim waste assessments for Sydney and Melbourne offices b. Sydney office recycling rate to increase to above 80% c. Baseline recycling rate for Melbourne office to be determined – obtain data on secure paper bins, toner, general waste recycling bins d. Melbourne office recycling rate to increase to above 60% e. Continue education on recycling with posters and Amgen Internal TV f. Conduct adhoc spot checks on recycling bins to ensure compliance – if non-compliance the right allocation of recycling made g. Promote National Recycling Week to staff and UN World Environment Day (June 5) to staff h. Staff Green Bag lunch - education on excess packaging, recycling, environmental innovation and alternatives. - >60% of available staff attending 	<p>Amgen has installed and continued its comprehensive recycling systems in its Sydney and Melbourne offices in 2016 to maximise recycling. We have good source separation systems, and we have continued our focus on educating staff and maintaining awareness of how to use the waste and recycling systems correctly this year.</p> <p>A focus of our 2016 APC actions under this KPI was to enhance the delivery of education and motivate staff to reduce waste and increase recycling in a bid to increase our landfill diversion rates.</p> <p>Our Sydney and Melbourne offices have paper boxes located at each workstation and general rubbish and co-mingle bins located in centralised areas (no under desk bins). The Sydney office building landlord measures and reports all waste.</p> <p>Used printer toners are collected and either sent to Ricoh or Planet Ark for recycling. Other recycling is available for Nespresso coffee pods, used batteries, mobile phones and office supplies. A priority arising from our 2015 report was to target paper towels from bathrooms- these are now all recycled.</p> <p>In 2016, we delivered the second year of our BinTrim waste audits. With training from experts at Jackson Environment and Planning, we now have trained staff that conduct BinTrim assessments at our Sydney and Melbourne offices to monitor recycling rates and chart our progress.</p> <p>We conducted our 2016 BinTrim assessment of our Sydney office on 19 July 2016 on a typical business day. The assessment done at our Melbourne office was done on 24 November 2016, again on a typical business day. As per our 2016 Annual Report, we note that the results are indicative given the short time frame of the audit. We also do spot checks of waste and recycling bins every two months to track progress and identify what education needs rolling out.</p> <p>In our Sydney office, our staff generate about 24.2 cubic metres of waste a year, dropping 30% compared to our level of waste generation in 2015 (35 cubic metres). Our recycling rate improved further during the year, with an estimated 52% of all waste recycled, up from 48% in 2015. Part of the reduction in waste generation is explained by the methodology used to calculate annual waste generation. Of our 90 Sydney office staff, only 65 are present at any one</p>

point in time. So in 2016, we have attempted to more accurately quantify annual waste generation by multiplying waste generation per staff member by the average number of staff on-site at any one time.

Opportunities for further recovery and tailored education have been identified for our Sydney office, including the following priority materials: paper, plastic rigid, cardboard, food waste and steel. Further recovery will need to be achieved to meet our 80% target by December 2018.

In our Melbourne office, we have successfully established our baseline recycling rate (based on the 2015 BinTrim audit).

In 2016 at our Melbourne office, our total annual waste generation has dropped from an estimated 46 cubic metres in 2015 to 20.8 cubic metres in 2016, equivalent to a 54% reduction in total waste generation. Our recycling rates have also improved significantly, increasing from 47% in 2015 to 68% in 2016. Part of the reduction in waste generation is explained by a change in methodology as described for the Sydney office. Though, our recycling performance has improved dramatically through an enhanced focus on staff education during the year, and rollout of a new food waste collection system. Opportunities for further recovery and tailored education have been identified, including the following priority materials: paper, cardboard, food waste, plastic rigid and plastic film. Based on our current performance, we have exceeded our December 2018 recycling target for the Melbourne office of 60%.

In 2016 we have saved the following from landfill (Sydney and Melbourne offices):

- + Approx 540kilos of green waste has been composted
- + Approx 30 kilos of Nespresso coffee pods sent to recycling
- + Approx 16 kilos of batteries taken to Aldi for safe disposal/recycling
- + Approx 6 kilos of soft plastic to RedCycle
- + 6 mobile phones to Mobile Muster
- + 11 pairs of preloved shoes to Soles for Souls

To help educate staff on Amgen's recycling systems, we continued our awareness and education program during the year. We maintained our recycling posters in kitchens and recycling reminders in our Amgen internal TV service in Sydney and Melbourne. 'Green Tips of the Month' are sent to 80 staff who have signed up for this monthly email, up from 40 in 2015.

Amgen promotes sustainability messaging to its staff in Sydney and Melbourne through Amgen TV. Slides on Amgen TVs (usually every 2 months and the slides are left up for a couple of weeks) in Sydney and Melbourne offices promoting:

- + Amgen recognised as a high performer for 2015 by the Australian Packaging Covenant
- + Recycle Smart App
- + International Composting Awareness Week
- + Earth Day
- + Plastic Free July
- + National Recycling Week
- + 12 Dos of Christmas from Planet Ark

		<p>Amgen's Environment and Sustainability Team also supported United Nations World Environment Day event in June to raise awareness of environmental issues and recycling. We hosted our first lunchtime drop in poster session with 17 people attending in Sydney and 21 in Melbourne offices.</p> <p>Poster topics included:</p> <ul style="list-style-type: none"> • Recycling misconceptions – items that can be recycle and how to do it • What NOT to put in recycle bins and why • Recycling symbols and what they mean • Information from Planet Arks Environmental Foundation Report about the most common recycling mistakes reported by councils • The 5 Rs Refuse, Reduce, Reuse, Repurpose, Recycle • Nespresso Pods – where to take for recycling • Tips on how to avoid plastic in your life • Difference between degradable, biodegradable, compostable, home compostable, bio or plant based and bio plastic
2.	<p>KPI 3 16. Continuing from above</p>	<p>KPI 3 16. Continuing from above</p> <ul style="list-style-type: none"> • Alternatives to plastic e.g. bamboo toothbrushes, glass drinking straws, reusable shopping bags, reuse glass jars for storage, wax wraps instead of plastic wrap. <p>Free Apps available:</p> <ul style="list-style-type: none"> • VES Co2 Tool to calculate emissions • Good on You (ethical clothing) • Sustainable Seafood Guide • Love your leftovers • Recycle Smart App <p>This approach has helped further engage staff after our series of Greenbag lunches in previous years. Further marketing will be done in 2017 to achieve our target of 60% participation in these events.</p>

17. Describe any constraints or opportunities that affected performance under this KPI

Recycling and general waste management practices have been in place for many years in both Amgen Australia offices (both offices are in co-tenanted buildings). Our previous Sydney building management company reports recycling rates for our head office, with the recycling rate being 65.5% in 2013, 66% in 2014 and 64% in 2015. However, it is noted that this recycling rate is based on the performance of the whole building and does not represent the recycling performance of Amgen's offices specifically.

Our second year of BinTrim assessments is now helping Amgen at both at our Sydney and Melbourne sites to track recycling performance and inform the development of infrastructure reviews and education programs. Our tailored education programs this year have reduced waste generation and increased recycling rates at both offices, with recycling increasing in our Melbourne office from 47% in 2015 to 68% in 2016. Recycling at our Sydney office increased too, from 48% in 2015 to 52% in 2016.

We have implemented successful programs to cut paper consumption through the use of smart printing technology, electronic document signing and electronic communications with our regulator and customers.

In 2017, we will build on these achievements further to increase our performance. In particular, we will focus our educational efforts on a number of new staff that have joined the company. We also will be reducing the amount of general waste bins in the offices and pairing them with a recycling bin, with clear labelling and pictures of what waste can and cannot be placed in bins, to help boost our recycling rates further.

KPI 4: Signatories implement formal policy of buying products made from recycled packaging.

18. Does your company have a formal policy of buying products made from recycled packaging?

- Yes No

Provide details of policies and procedures (including names of policies/ procedures)

As part of Amgen’s commitment to the Australian Packaging Covenant, we have agreed to purchase materials with recycled content as part of our policy comment to the Covenant. We have also set targets for purchasing, increasing to at least 30% with recycled content or recycled packaging by December 2017, and at least 40% of our budget for purchasing spent on products with recycled content or recycled packaging by this same date.

Amgen is a global company that operates in an extremely regulated environment. Amgen Australia is an affiliate of Amgen Inc.(USA). Therefore Amgen Australia is not directly involved in final purchasing and decision making of our product packaging. The main focus at an Australian level is to purchase local supplies that are sustainable, influence decision making in our supply vendor selection and ensure good sustainability practices and education in our work environment.

However, we note that in 2016, Amgen has implemented a full Supplier Sustainability Assessment Policy, designed to ensure that our suppliers not only address quality, cost and reliability requirements, but also a wide range of sustainability and Corporate Social Responsibility considerations, in such areas as business ethics, labour and human rights, and environmental impacts.

The Supplier Code of Conduct is the foundation for the Supplier Sustainability Program, establishing the fundamental expectations that Amgen has for its suppliers. This is further highlighted in KPI 6.

19. Is this policy actively used?

- Yes No

20. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 4

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	<p>Continue to implement Buy Recycled programs</p> <p>Targets:</p> <p>a. Increase the proportion of products purchased in office with recycled content from 15% to 30%</p> <p>b. Yearly spend on products with recycled content to increase from 30 to 40%</p>	<p>Amgen preferentially purchased products with recycled packaging or content where possible. We do this by purchasing our office supplies from Lyreco Environmental - a specialist supplier in sustainable office products.</p> <p>In 2016, 19% of all products purchased by Amgen contained some form of recycled content. This has increased from 17% in 2015. Further progress is required to meet our target of 30% by the end of 2017.</p> <p>In 2016, Amgen spent 33% of our office supplies budget on environment products with recycled content. This has increased slightly from 32% in 2015. During the year, we spent a total of \$15,394 on products with recycled packaging and/or content (total of 139 product types). Further progress is required to meet our target of 40% by the end of 2017.</p> <p>Paper, which is a key component of spend, and is a significant impact on environmental sustainability, is from 100% recycled fibres (with minor exceptions).</p> <p>Whilst steady progress has been made in 2016 towards our buy recycled targets under KPI4, we will need to make further efforts to ensure that we reach our targets by the end of 2017.</p>

21. Describe any constraints or opportunities that affected performance under this KPI

Regular quarterly meetings continue to be held with Lyreco (provider of office supplies) account manager to review Amgen's core list of office supplies. Wherever possible, items on our core list are replaced with new products made from recycled materials. Lyreco are very active in this area and are constantly updating their product lines and expanding their list of products made from recycled content.

However, we note that during the year, we have had a number of new staff commence employment with the company, and some purchasing has occurred outside our preferred products with recycled content. In 2017, we will focus on providing training for new staff and seek to increase our spend on recycled content products.

Goal 3: Product Stewardship

KPI 6: % signatories with formal processes to work collaboratively on packaging design and / or recycling.

22. Does your company have formal processes in place for collaborating with other companies or organisations on improved packaging designs and/or recycling which aims to reduce or eliminate waste?

- Yes No

Provide details of policies and procedures (including names of policies/ procedures)

Amgen's Corporate Social Responsibility program emphasizes that our value to society goes beyond making vital medicines, and it is also important to recognize that our value goes beyond the boundaries of our own operations. Amgen's extensive global network of suppliers is not only vital to our ability to provide high-quality medicines reliably and efficiently, it also represents an opportunity to extend our ability to positively impact the communities and environments in which we operate.

Recognizing the importance of our relationships with suppliers to achieve our mission, we have developed a Supplier Sustainability Program at a global level that is designed to ensure that our suppliers not only address quality, cost and reliability requirements, but also a wide range of sustainability and Corporate Social Responsibility considerations, in such areas as business ethics, labor and human rights, and environmental impacts.

The Supplier Code of Conduct is the foundation for the Supplier Sustainability Program, establishing the fundamental expectations that Amgen has for its suppliers. We also perform sustainability performance assessments to evaluate key suppliers' performance in relation to Amgen's Supplier Code of Conduct.

Key elements of our Supplier Sustainability Program include:

- + Supplier Code of Conduct
- + Supplier Diversity
- + Environmental Sustainability - Products and Packaging
- + CA Supply Chain Transparency Act
- + Conflict Minerals Policy
- + 2015 Conflict Minerals Report

More information on our Supplier Sustainability Program is available from our web site, <http://www.amgen.com/responsibility/supplier-sustainability/>. This program is delivered by Amgen's head office in the United States and applies to Amgen's entire supply chain.

23. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 6

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	<p>Evaluate & improve utilisation of sustainable suppliers of packaging components</p> <p>Targets:</p> <ul style="list-style-type: none"> a. Green Shipper trial completed b. Full rollout of Green Shipper packaging innovation and estimate packaging avoided c. Full rollout of Active Shipper and estimated packaging avoided 	<p>Amgen continues to integrate environmentally friendly practices where possible for packaging, delivery devices, and life-cycle management associated with our combination product medicines. We are working to improve our understanding of the environmental footprint of each of our medicines from research and development to end of use. This is a commitment we as a company have made globally and we report annually our performance as part of the Amgen Environmental Sustainability Report (http://www.amgen.com/en-au/responsibility/environmental-sustainability/).</p> <p>Amgen Australia works within a highly regulated environment, where packaging purchasing and design decisions are made by head office in the United States. Our head office in 2016 is now more focused on supplier sustainability, with a focus on this in our 2015 Environmental Sustainability Report. We collaborate with suppliers to understand the environmental footprint of our products over their lifecycles, including the use of Product Sustainability Profiles to identify opportunities for improvement.</p> <p>We also use our Green Packaging Design rating system to increase use of environmentally-preferable</p>

		<p>packaging. For instance, nearly 100 percent of Amgen's paper-based packaging components for clinical and commercial products are sourced from certified-sustainable forests.</p> <p>In 2016 we fully rolled out the Cool Green Cell for our cool product distribution. This is comprised of a corrugated outer shipper & internal esky liner, as compared to the previous laminar shipper supplied from the UK. With the option of the whole packaging being reusable on multiple deliveries, DHL have validated data for 12 redelivery uses. Through this initiative, Amgen is currently estimating the packaging savings with our supply chain partner, DHL.</p> <p>In 2016, Amgen continued to fully implement our Active Cooling Units for all imported product. We are currently estimating the packaging savings associated with this initiative with our supply chain partner, DHL.</p> <p>In our next Annual Report for APC, we will report on our savings in packaging from using the Active Shipper and Green Shipper to fully meet our targets under KPI 6 of our 2016 – 2019 Action Plan.</p>
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24. Describe any constraints or opportunities that affected performance under this KPI

Amgen Australia is a distributor of prescription healthcare goods, that are manufactured overseas. As a brand owner, all products produced by Amgen are imported as finished goods. Finished goods, include use of certified packaging materials for our paper materials, such as cartons and instructions for use as mentioned in KPI 1. The Australian team remains a stakeholder in sustainability projects, and is in contact with the sustainability project leads globally.

Amgen Inc now has a formal Supplier Sustainability Program, and we collaborate with suppliers to understand the environmental footprint of our products over their lifecycles, including the use of Product Sustainability Profiles to identify opportunities for improvement. By working in collaboration with our supply chain, Amgen is motivating suppliers to implement environmental sustainability into their business practices.

KPI 7: % signatories showing other Product Stewardship outcomes.

25. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 7

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	<p>Enhance the local sustainability culture, through education, support, and encouragement of Amgen Australia staff to reduce their environmental impacts, in all activities</p> <p>Targets:</p> <ul style="list-style-type: none"> a. Identify sustainability initiatives for Amgen Australia to integrate with global program. b. Educate Australian staff on the APC. Hold annual Green Bag lunch (>60% of available staff attending) to educate staff on environmental issues and activities c. Maintain a Recycle Reuse Stationery room/area in both offices. d. Continue to collect food waste from both Sydney and Melbourne offices for composting e. Green tip on the month emailed to staff and presented on Amgen TV. Increase readership from 45 in 2016 to 55 end 2017 f. Aim to provide smart phone event app at all Amgen Australia large i.e. approx. 250+, sponsored education events attended by the healthcare industry that will include conference brochures, logistics 	<p>KPI 7.1a - Identify sustainability initiatives for Amgen Australia to integrate with Global Program</p> <p>Amgen's Local Environmental Sustainability Team meets on a regular basis with members from both our Sydney and Melbourne offices. Our communications and education initiatives during the year have helped better engage staff on sustainability issues, which are implemented at work and at home.</p> <p>As mentioned in the report, in 2016, we have continued our successful Amgen TV messaging on reducing waste and increasing recycling of packaging and other wastes; continued our Green Bag lunch events; continued our 'Green Tips' via emails, and as part of the United National World Environment Day, we organised lunchtime drop in poster sessions for staff to learn about practical sustainability measures at work and home in our Sydney and Melbourne offices.</p> <p>The Environment and Sustainability team has presented to staff during the year, and we have highlighted our recognition by the APC as a high</p>

details, event and speaker evaluation materials to replace paper based conference details and materials

performer. We even invited a speaker to come and address our staff on 'minimising paper towel usage' in bathrooms to help avoid waste. Although these towels are recycled, staff were made aware that the environmental impacts of towel use can be avoided by simply cutting back on their usage.

These and other practical measures are provided to our global head office in the US, to be captured in our Environmental Sustainability Report.

KPI 7.1b - Educate Australian staff on the APC

A member of the Environmental Sustainability Team (EST) conducted a presentation in both our Sydney and Melbourne offices at one of our quarterly All Staff Meetings about the Australian Packaging Covenant and why and what we report each year.

Amgen's recognition as a High Performer in 2015 was celebrated. A member of the EST was also invited to the monthly meeting of the Human Resources department to educate them on the APC and Amgen's involvement.

Green Bag Lunch were held in Sydney in Melbourne this year, attended by 25 staff in Sydney and 23 in Melbourne. Topics presented at these lunch discussions included:

- + Update to staff on how we all made a difference in 2016 in regards to recycling & green waste composting
- + Update on Bin Trim assessment for Sydney and Melbourne offices and how we can do better
- + Recycling tricky items and what not to put in the recycle bin e.g. fluorescent tubes and batteries, with suggestions for what to do with them
- + Introduced the new recycling label www.arl.org.au
- + Trophic Cascades including a video, How Wolves Change Rivers
- + Rewilding of Little Desert in Victoria including a video from Australian Conservation Volunteers about rewilding to increase biodiversity
- + Plastic bag bans – which Australian states and countries in the world have bans and what does it mean?
- + Screened video, Bakey's Edible Cutlery (from India, innovation to replace single use plastic cutlery)

KPI 7.1c - Maintain a recycle & reuse stationery room / area in both offices

Due to an office space reorganisation in mid-2016, this initiative has been put on hold and will be reinstated by March 2017 in a new location. At this time, we will ask all Sydney office staff to empty their desks of any items they don't use regularly, these items will be put in the new Recycle & Reuse space for others to use.

KPI 7.1d - Continue to collect food waste from both Sydney and Melbourne offices for composting

Our Sydney office's successful food waste collection program is continuing, and our first full year of food waste collections has been completed in our Melbourne offices. The introduction of a food waste collection program in our Melbourne offices was a priority for 2016, given no formal collection program existed previously. The new program has helped to increase recycling rates and reduce the amount of waste sent to landfill.

		<p>Our food waste collection programs in both offices will continue in 2017, with education on source separation continuing to be a priority for Amgen's Environment and Sustainability team.</p> <p>KPI 7.1e Green tip of the month emailed to staff 80 staff have now signed up to receive the 'Green Tips' monthly email, up from 40 in 2015. We have exceeded our target of 55 by the end of 2017. Tips have include the following ideas to help our staff engage in more sustainable behaviours at work and at home.</p> <ul style="list-style-type: none"> + Storing fruit and vegetables without plastic and dealing with ethylene + Green cleaning tips including recipes for cleaners using vinegar, lemon juice, clove oil and salt. Use for bicarbonate of soda (magic in a box) + Information on cutting meat consumption and why and how this effects the environment, also included a vegetarian starter kit from Animals Australia + Information about Carbon Capture packaging made from sugar cane from Eco Store + Worm Farms available at Aldi and links to Compost Revolution and how to take care of a worm farm from Kimbriki Resource Recovery Centre + Soft plastics, what can be recycled and where + World Food Day (Oct 16), tips on food wastes and food safety from the CSIRO + Worm Towers (alternative to worm farms) from Milkwood website + Reuse ideas for Silica Gel Packs + Recycle Smart App and information about contacting respective Councils for recycling facilities or collections + Ethical omnivores guide to Christmas from Sustainable Table website + 12 Do's of Christmas from Planet Ark. <p>Amgen is making very good progress against targets for KPI7 as defined in our 2016 – 2019 Action Plan, and is on track to meet or exceed our targets by 2019.</p>
2.	<p>Identified a local regulatory initiative to pilot an electronic data submission instead of paper submissions of new marketing drug applications to the TGA. A single new marketing application submission would involve approximately 140 paper reams, plus packaging (40 cupboard boxes, pallet and plastic wrapped) and courier transport (by road).</p> <p>Target: Implement pilot with the aim to publish 70% of submissions in electronic format</p>	<p>During the year, Amgen has fully implemented an electronic reporting system to the Therapeutic Goods Administration (TGA). As a company, we now only submit documents to the TGA electronically, saving the use of 538 reams of paper per year, including the avoidance of 400 ring binder folders.</p> <p>Given this is now standard practice within the company, we have fully met our KPI7 target as defined in our 2016 - 2019 Action Plan.</p>

26. Since the beginning of the reporting period, has your company had any other outcomes related to product stewardship?

Yes

No

If yes, please give examples of other product stewardship outcomes

Amgen continues to invest time and resources into considering ways of upgrading our product stewardship initiatives as part of our commitments to the Australian Packaging Covenant. An area of focus this year has been to increase the engagement of staff in our environmental awareness programs, and specifically, recycling correctly and environmental messaging. The Green Bag lunches have been very well attended in 2016, and our new lunch time poster sessions in Sydney and Melbourne have proved popular. We have targeted specific issues, relating to excess paper towel usage in bathrooms, and this waste is now recycled by our building cleaners. We are now collecting food waste from our Melbourne offices, helping to divert more waste from landfill.

During the year, Amgen introduced Lexmark Print Release printers to only enable printing on staff code entry. This means that our paper consumption will reduce, as we now avoid the need to recycle 'uncollected' printing.

As part of our 2015 Environmental Sustainability Report, Amgen collects and monitors progress with reducing our overall environmental impact, with targets for reducing waste, water, carbon from fleet, and carbon emissions from manufacturing. Our progress as a signatory of the Australian Packaging Covenant has enabled Amgen Australia to further enhance the environmental sustainability of our operations, which are reported to our global US head office.

27. Describe any constraints or opportunities that affected performance under this KPI

In 2016, Amgen aimed to implement more targeted staff engagement programs, and to continue our successful education initiatives to motivate staff to recycle correctly. Staff support for our 'Green Tips', 'Green Bag Lunches' and our new 'Lunch time poster sessions' in our Sydney and Melbourne offices is continuing to raise environmental awareness and motivate behaviour change in our staff.

In 2017, we will target new staff that have recently joined the company, to ensure that our environmental performance continues and our environmental behaviours are adopted by our newest staff members. We will use the results on our BinTrim program, now operating in both our offices, to help target priority recyclable materials still leaking into the waste stream.

KPI 8: Reductions in packaging items in the litter stream.

28. Please indicate your progress this year towards achieving your annual targets and milestones for KPI 8

	Target: According to your Action Plan, what did you set out to do?	Actual: What did you achieve?
1.	<p>Expand scope of program communicating recycling message(s) to consumers.</p> <p>Target: Recycling symbols are fully implemented on 100% of new packaging (where the packaging can be recycled).</p>	<p>As part of the Green Packaging Tool assessment process, Amgen ensures that all packaging is appropriately labelled with a recycling symbol to provide guidance to the user of the product in a health care environment on how to dispose of the packaging appropriately. 100% of our products have appropriate recycling logos displayed.</p> <p>Given that 100% of Amgen's products include recycling messages for consumers, Amgen has fully met the target under KPI8 as defined in our 2016 - 2019 Action Plan.</p>

29. Describe any constraints or opportunities that affected performance under this KPI

Amgen's pharmaceutical product packaging generally does not enter the litter stream within the environment. Product packaging is managed directly by medical personnel in a clinical environment, and existing clinical based recycling systems are used to capture packaging. However, all our products carry a recycling symbol and provide guidance to the user in a clinical environment on how to dispose of the packaging in a sustainable manner, and to avoid litter.

Your Experiences

This section lets you share with us any achievements, good news stories and areas of difficulties in making progress against your plan and the Covenant goals and KPIs.

30. Key achievements or good news stories

This Annual Report provides a progress update on the first year of our new 2016 - 2019 APC Action Plan. In the majority of our KPI's, Amgen has already met or exceeded required targets. In 2016, we have adopted policies for procuring packaging consistent with the APC's Sustainable Packaging Guidelines, and procuring products with recycled content. These were recommendations made by the APC following submission of our 2016 Annual Report.

In 2016, we reviewed 100% of the four new products according to our Green Packaging Tool, which guides Amgen's decisions on packaging design and choices to reduce packaging and sustainability. In all of Amgen's products, we fully utilise source-certified packaging to ensure only materials from sustainability managed forests are used in our packaging. During the year, our Green Shippers have become standard practice in our business, fully replacing the need to use single use laminar shippers supplied from the UK. The Green Shippers consist of a corrugated cardboard boxes with an internal esky liner, which can be reused easily up to 12 times. In 2017, we will continue to evaluate the waste avoidance savings from rolling out this initiative across our national supply chain.

In 2016, we planned to enhance our product stewardship and staff education programs to increase the level of staff engagement on environmental and sustainability issues, particularly in relation to packaging. Leadership from our Environment and Sustainability Team and the delivery of new educational initiatives such as our Lunchtime Poster Sessions and increased subscription to our 'Green Tips of the Month' have helped motivate staff to manage problematic waste items at home and using office systems for recycling of these materials.

Our new soft plastics recycling program is being well supported by staff, and further opportunities exist to encourage staff to better use this program. We have rolled out a food waste recycling program in our Melbourne office, and we have implemented some excellent initiatives that have reduced paper consumption, including smart printing technology, electronic contracts and electronic communications with our regulator and customers.

For the second year in a row, Amgen has conducted waste assessments in its Sydney and Melbourne offices using the NSW EPA's BinTrim assessment tool, and we have received expert training on how to conduct these assessments on a regular basis. We are now accurately tracking our waste generation, recycling and identifying priorities for education, based on the types of materials presenting in the waste stream.

Following our BinTrim assessments in 2015, we targeted the excessive use of hand towels in 2016. We have conducted training for staff on minimising towel usage, and we now have cleaners fully recycle this paper towel waste. Electric hand dryers have not been considered necessary as a result.

31. Areas of difficulties in making progress against your plan, Covenant goals or KPIs

Amgen is a global pharmaceutical company that is constrained to operating within a highly regulated business. Amgen Australia's products are supplied by the parent company Amgen Inc (USA) as final finished product.

Decisions on packaging are made by global headquarters taking each country's specific packaging requirements into consideration, including recycling symbols. Despite this, Amgen remains committed to endorsing the spirit of the APC by continuing to strengthen a culture of environmental awareness and reducing environmental impact. Amgen's efforts in environmental sustainability are reported in Amgen's global's annual sustainability report available online at <http://wwwext.amgen.com/responsibility/environmental-sustainability/>.

In 2017, we are committed to building on these successes and look forward to implementing the second year of our 2016-2019 APC Action Plan and driving further environmental sustainability in our business.