

# APCO Performance Summary

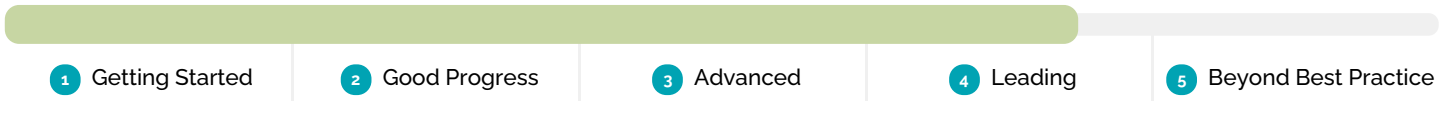
Company Name: **Caps & Closures Pty. Ltd.**

Trading As:

ABN: **89114161527**

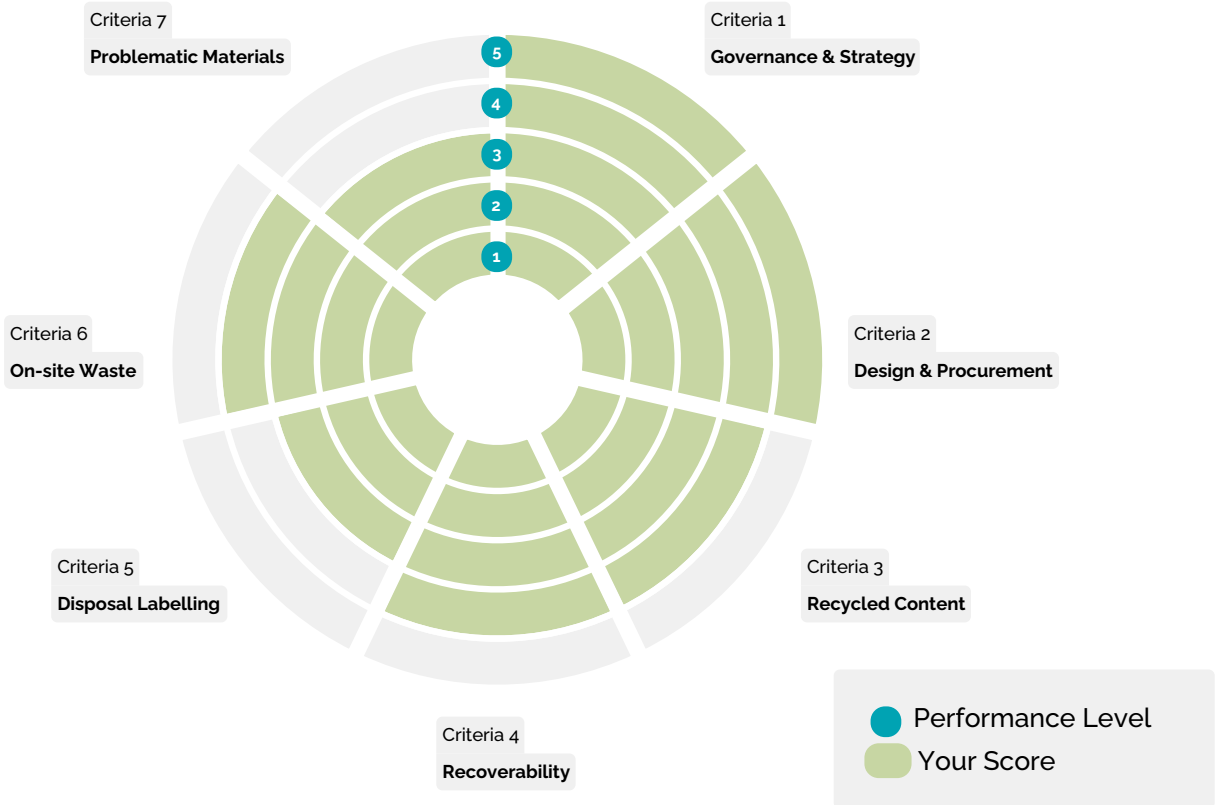
**Overall Performance 75% - Leading**

The score above and chart below indicate your organisation's overall performance in the 2023 APCO Annual Report. With your chosen reporting period of July, 2021 - June, 2022, you have achieved a **Leading** overall performance level.



## Criteria Performance Levels

The chart below indicates your organisation's performance against each of the Packaging Sustainability Framework criteria in the 2023 APCO Annual Report. Each band represents a performance level with the green indicating your level of performance for each.



### Contact

## About APCO Annual Reporting

### Understanding APCO Annual Reporting performance levels:

- 1 Getting Started:** You are at the start of your packaging sustainability journey.
- 2 Good Progress:** You have made some first steps on your packaging sustainability journey.
- 3 Advanced:** You have taken tangible action on your packaging sustainability journey.
- 4 Leading:** You have made significant progress on your packaging sustainability journey.
- 5 Beyond Best Practice:** You have received the highest performance level and have made significant progress on your packaging sustainability journey.

### Packaging Sustainability Framework criteria

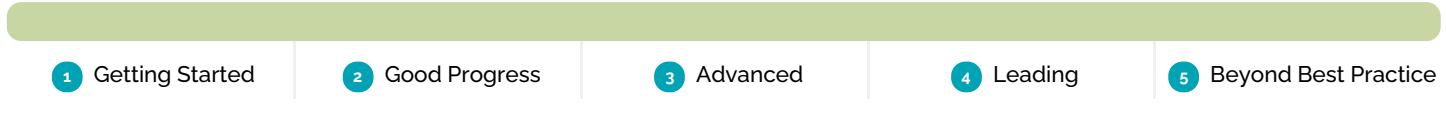
- |   |   |
|---|---|
| Criteria 1:<br><b>Governance &amp; Strategy</b> | This criteria considers actions to integrate packaging sustainability into business strategies.   |
| Criteria 2:<br><b>Design &amp; Procurement</b>  | This criteria considers actions taken to ensure that sustainability principles are considered in the design or procurement of both new and existing packaging through use of the Sustainable Packaging Guidelines (SPGs). |
| Criteria 3:<br><b>Recycled Content</b>          | This criteria considers actions taken to increase or optimise the amount of recycled material used by your organisation.  |
| Criteria 4:<br><b>Recoverability</b>            | This criteria considers actions taken to improve the recovery of packaging at end-of-life and increase use of reusable packaging.   |
| Criteria 5:<br><b>Disposal Labelling</b>        | This criteria considers the extent to which packaging has been labelled to help consumers determine what to do with packaging at end-of-life.   |
| Criteria 6:<br><b>On-site Waste</b>             | This criteria considers progress in increasing the amount of on-site solid waste being diverted from landfill.  |
| Criteria 7:<br><b>Problematic Materials</b>     | This criteria considers the extent to which organisations are actively phasing out problematic and unnecessary single-use plastic packaging and preventing/reducing litter.   |

**APCO Annual Report Criteria Performance & Responses**

Provided below are your organisation's responses to the questions within the APCO Annual Report as well as a performance level for each criteria.

Criteria 1:

**Governance & Strategy:** 5 Beyond Best Practice



Does your organisation have a documented strategy that includes goals (objectives) and targets for packaging sustainability that addresses the Sustainable Packaging Guidelines (SPGs) or equivalent?  Yes  No

Does your organisation's strategy include a commitment to achieving the 2025 National Packaging Targets?  Yes  No

Is this strategy integrated within your business processes and has it been approved by an executive or board of directors?  Yes  No

Do you regularly communicate and promote packaging sustainability objectives and targets within your organisation?  Yes  No

Do you regularly engage or communicate with external stakeholders (suppliers, customers, final consumers, community groups etc.) relating to the environmental impact of your packaging.  Yes  No

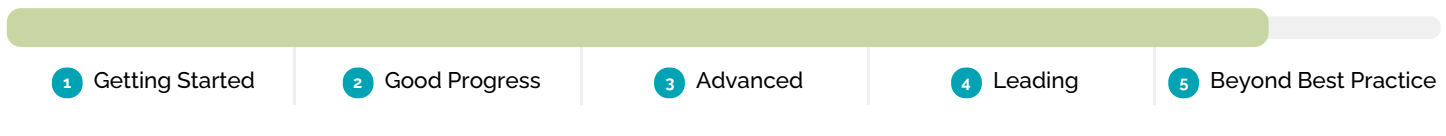
Do you actively participate in any initiatives to promote packaging sustainability?  Yes  No

Supporting Evidence

Caps and Closures have issued their Sustainability Policy and incorporated it into business practices.

Criteria 2:

**Design & Procurement:** 5 Beyond Best Practice



How many of your 74 Tonnes of packaging are reviewed against the Sustainable Packaging Guidelines (or equivalent) in the last 5 years?

74

Please indicate the accuracy of this response.

Medium

Please tell us about any positive outcomes from your packaging reviews.

Caps and Closures range of packaging is limited to shippers, stretch wrap, timber pallets etc. which have been reviewed under the SPG Principles.

Do you believe applying the SPGs deliver business value to your organisation?

Yes  No

Which of the following Sustainable Packaging Principles have been considered in reviews of your organisation's packaging against the Sustainable Packaging Guidelines (SPGs)?

Design for recovery

Yes  No

Optimise material efficiency

Yes  No

Design to reduce product waste

Yes  No

Eliminate hazardous materials

Yes  No

Use recycled materials

Yes  No

Use of renewable materials

Yes  No

Design to minimise litter

Yes  No

Design for transport efficiency

Yes  No

Design for accessibility

Yes  No

Provide consumer information on environmental sustainability

Yes  No

How many of the 74 Tonnes of packaging have been optimised for material efficiency in the last 5 years?

74

Please indicate the accuracy of this response.

Medium

Please tell us about any material savings you have made.

Caps and Closures development program is in part focused on producing creative closures made of less material. Our many PIDA and World Star awards for are creativity are testimony to this program

Supporting Evidence

All packaging has been optimised for the wide supply chain Caps and Closures products are required to meet.

Criteria 3:

**Recycled Content:** 4 Leading



Do you have a policy or procedure to buy products and/or packaging made from recycled materials?

Yes  No

Which of the following products that you either purchase or distribute contain recycled materials?

- Your products
- Primary packaging that you use to sell your products
- Secondary packaging that you use to sell your products
- Tertiary packaging that you use to sell your products
- Other items which you purchase (e.g. office stationary and suppliers etc.)
- None of the above

How many 74 Tonnes of packaging includes at least some recycled material?

57

Please indicate the accuracy of this response.

Medium

Do you provide customers with the option to purchase packaging with the highest level of recycled content that is technically feasible?

Yes  No

Supporting Evidence

Caps and Closures development program is in part focused on producing creative closures made of recycled material. While a good deal of this is internal pre-consumer material, we do have the capability to use PCR material when it is commercially available.

Criteria 4:

**Recoverability:** 4 Leading



How many of your 74 Tonnes of packaging have been designed so all packaging components that are recoverable (i.e. recyclable or compostable) at end-of-life?

74

Please indicate the accuracy of this response.

Medium

How many of your 74 Tonnes of packaging have been designed with separable components with mixed recoverability at end-of-life? (e.g. a jar that is recyclable with a lid that is not recyclable)

0

Please indicate the accuracy of this response.

High

How many of your 74 Tonnes of packaging have been assessed in the Packaging Recyclability Evaluation Portal (PREP)?

0

If you use compostable packaging, please indicate the type(s) of compostable certification (if any):

- Certified home compostable (AS5810)
- Certified industrial compostable (AS4736)
- Certified compostable to another certification
- Compostable (not certified)
- None of the above

How many of your 74 Tonnes of packaging are not recoverable at end-of-life and must go to landfill? (i.e. not recyclable or compostable)

0

Have you investigated opportunities for reuse or do you currently provide your customers with any reusable packaging?

Yes  No

If yes, how many of your 74 Tonnes of packaging are designed to be reused?

57

Please indicate the accuracy of this response.

High

Which of the following reusable items did your organisation utilise during the previous 12 month period?

- Pallets
- Crates
- Drums
- Intermediate bulk containers
- Other (please specify)

Please specify

- None of the above

Tick all that apply - Was this reused:

Internally (between your organisation's sites & facilities)?

Externally (with other organisations such as suppliers or customers)?

- |                                     |   |   |
|-------------------------------------|---|---|
| Pallets                             | <input checked="" type="radio"/> Internal | <input checked="" type="radio"/> External |
| Crates                              | <input type="radio"/> Internal            | <input type="radio"/> External            |
| Drums                               | <input type="radio"/> Internal            | <input type="radio"/> External            |
| Intermediate Bulk Containers (IBCs) | <input type="radio"/> Internal            | <input type="radio"/> External            |
| Other (specified above)             | <input type="radio"/> Internal            | <input type="radio"/> External            |

Supporting Evidence

Arrangements to return pallets. Caps and Closure pallets are branded with company name.

Criteria 5:

**Disposal Labelling:** 3 Advanced



Do you provide information to your customers on the recoverability of your packaging to help them apply correct disposal labelling on-pack?

Yes  No

Do you provide labelling on distribution packaging to inform the consumer (end-user) how to correctly dispose of the packaging?

Yes  No

If you have private label products, do they have labelling on-pack to inform the consumer how to correctly dispose of the packaging?

Yes  No  N/A

Supporting Evidence

Caps and Closures are manufacturers of caps and closures. The same caps can be applied to many different containers made of a wide variety of materials. Caps and Closures provide details specifications for all products to customers. This sufficient information to complete a PREP Tool analysis.

Criteria 6:

**On-site Waste:** 4 Leading



Tick which of the following packaging materials you have on-site recycling programs for:

- Paper/cardboard
- Soft plastics
- Rigid plastics
- Timber
- Textiles
- Glass
- Metals
- Other (please specify)



Please specify

- All materials have recycling programs
- None of the above

Over the reporting period, how much of the waste your organisation generated on-site was diverted from landfill (was recycled, composted, reused or sent for energy recovery)?

51%

Please indicate the accuracy of this response.

High

Which of the following facilities are included in the above waste data?

- Offices
- Warehouses
- Stores
- Manufacturing facilities
- Other (please specify)

Please specify

- None of the above

Supporting Evidence

Paper and Cardboard collected by Suez, General waste is collected by Veolia and Wasteless. Various plastics collected and recycled by Astron. We have used these company reports for our report.

Criteria 7:

**Problematic Materials:** 3 Advanced

1 Getting Started

2 Good Progress

3 Advanced

4 Leading

5 Beyond Best Practice

Over the reporting period, which of the following activities did you undertake to help reduce the impact of litter?

- Conduct regular clean ups
- Participate in Business Clean Up Day
- Sponsor a clean up day
- Undertook a litter education campaign
- Other (please specify)

Please specify

- None of the above

Please indicate which of the following problematic, unnecessary and single-use plastic items your organisation sells or distributes:

- Lightweight plastic shopping bags
- Fragmentable (e.g. oxo-degradable) plastics
- Expanded polystyrene (EPS) packaging for food and beverage service or retail fresh produce
- EPS loose fill packaging
- Moulded EPS packaging for white/brown goods or electronics
- Rigid polyvinyl chloride (PVC) packaging
- Rigid polystyrene (PS) packaging
- Opaque polyethylene terephthalate (PET) bottles
- Rigid plastic packaging with carbon black
- Not applicable

Please indicate which of the following problematic, unnecessary or single-use plastic items your organisation is investigating options to or are actively working to phase-out:

- Lightweight plastic shopping bags
- Fragmentable (e.g. oxo-degradable) plastics
- Expanded polystyrene (EPS) packaging for food and beverage service or retail fresh produce
- EPS loose fill packaging
- Moulded EPS packaging for white/brown goods or electronics
- Rigid polyvinyl chloride (PVC) packaging
- Rigid polystyrene (PS) packaging
- Opaque polyethylene terephthalate (PET) bottles
- Rigid plastic packaging with carbon black
- Not applicable

Have you successfully phased out any of the above materials in the last 5 years?

- Lightweight plastic shopping bags
- Fragmentable (e.g. oxo-degradable) plastics
- Expanded polystyrene (EPS) packaging for food and beverage service or retail fresh produce
- EPS loose fill packaging
- Moulded EPS packaging for white/brown goods or electronics
- Rigid polyvinyl chloride (PVC) packaging
- Rigid polystyrene (PS) packaging
- Opaque polyethylene terephthalate (PET) bottles
- Rigid plastic packaging with carbon black
- Not applicable

### Supporting Evidence

Customer demand for carbon black drives manufacture using it. Company information campaign will include promotion of alternatives to carbon black.

**Packaging Metrics**

Please provide an indication of the accuracy level of your packaging metrics

Medium

What packaging materials do you use?

Timber, High Density Polyethylene (HPDE), Low-Density Polyethylene (LDPE), Polypropylene (PP), Paper.

**Timber**

|                            |    |  |   |                     |     |
|----------------------------|----|--|---|---------------------|-----|
| Total tonnes used          | 14 | Average recycled content (%) (pre consumer)  | 0 | Sourced Locally (%) | 100 |
| Tonnes reusable packaging  | 14 | Average recycled content (%) (post consumer) | 0 | Imported (%)        | 0   |
| Total single use packaging | 0  | Average recycled content (%) (unknown)       | 0 |                     |     |

**High Density Polyethylene (HPDE)**

|                            |   |  |   |                     |     |
|----------------------------|---|--|---|---------------------|-----|
| Total tonnes used          | 1 | Average recycled content (%) (pre consumer)  | 0 | Sourced Locally (%) | 100 |
| Tonnes reusable packaging  | 0 | Average recycled content (%) (post consumer) | 0 | Imported (%)        | 0   |
| Total single use packaging | 1 | Average recycled content (%) (unknown)       | 0 |                     |     |

**Low-Density Polyethylene (LDPE)**

|                            |   |  |   |                     |     |
|----------------------------|---|--|---|---------------------|-----|
| Total tonnes used          | 1 | Average recycled content (%) (pre consumer)  | 0 | Sourced Locally (%) | 100 |
| Tonnes reusable packaging  | 0 | Average recycled content (%) (post consumer) | 0 | Imported (%)        | 0   |
| Total single use packaging | 1 | Average recycled content (%) (unknown)       | 0 |                     |     |

## Polypropylene (PP)

|                            |   |  |   |                     |     |
|----------------------------|---|--|---|---------------------|-----|
| Total tonnes used          | 0 | Average recycled content (%) (pre consumer)  | 0 | Sourced Locally (%) | 100 |
| Tonnes reusable packaging  | 0 | Average recycled content (%) (post consumer) | 0 | Imported (%)        | 0   |
| Total single use packaging | 0 | Average recycled content (%) (unknown)       | 0 |                     |     |

## Paper

|                            |    |  |    |                     |    |
|----------------------------|----|--|----|---------------------|----|
| Total tonnes used          | 57 | Average recycled content (%) (pre consumer)  | 0  | Sourced Locally (%) | 88 |
| Tonnes reusable packaging  | 57 | Average recycled content (%) (post consumer) | 53 | Imported (%)        | 12 |
| Total single use packaging | 0  | Average recycled content (%) (unknown)       | 0  |                     |    |

### Additional Information

- No additional information

Describe initiatives, processes or practices that you have implemented during your chosen reporting period that have improved packaging sustainability

Caps and Closures is continuously improving the sustainability of its material use, manufacturing processes and waste product disposition. Caps and Closures is participating in the plastics circular economy by collaborating with customers, material suppliers, recyclers, waste repurposing enterprises and philanthropic establishments. Exploring new materials – natural and biodegradable– low carbon footprint

*Your full response can be found towards the end of this document.*

Describe any opportunities or constraints that affected performance within your chosen reporting period

#### Energy Stewardship

As a complementary strategy to our material waste reduction initiative, Caps and Closures is upgrading its manufacturing process equipment to improve energy efficiency, thereby reducing our energy requirements and impact on the environment.

1. Installation of a new energy efficient servo-hydraulic moulding machine in 2021, The new moulder saves

*Your full response can be found towards the end of this document.*

Please use the space below to provide examples or case studies of exemplary packaging sustainability conducted by your organisation. The information provided in the boxes may be used directly in your public facing Annual Report and Action Plan.

### Full Open Responses

Additional Information - Describe initiatives, processes or practices that you have implemented during your chosen reporting period that have improved packaging sustainability

Caps and Closures is continuously improving the sustainability of its material use, manufacturing processes and waste product disposition. Caps and Closures is participating in the plastics circular economy by collaborating with customers, material suppliers, recyclers, waste repurposing enterprises and philanthropic establishments. Exploring new materials – natural and biodegradable– low carbon footprint

1. Production validation and customer offering of eco-friendly plastic additives that improve the behaviour of plastic products. These natural additives protect the environment, reducing the product's carbon footprint by up to 50%. and the use of fossil fuel-based resins.
2. Manufacturing trials of a plastic alternative that is microplastic-free and 100% bio-degradable, yet is suitable for our injection moulding processes and recyclable by industrial composting.  
Changing how we buy and stock materials
- 3.. Purchasing bulk bag material stock eliminating small bags. The large bags are used by a repurposing company manufacturing products from them.  
Recycling/repurposing production waste product
4. Reuse of production waste, avoiding landfill. Caps and Closures waste product is an ideal "construction" material in classrooms. We have distributed materials to schools.
5. Increased reclaiming of ABS, nylon, polypropylene and polyethylene material for re-use in products.  
Manufacturing process improvement
6. Automated additive mixing for moulding machines, reducing waste product by eliminating over/under use of additives.
7. Trial of hygienic custom sized polypropylene "work in progress" boxes with unlimited reusability, to replace limited use cardboard units and liner bags.

Additional Information - Describe any opportunities or constraints that affected performance within your chosen reporting period

#### Energy Stewardship

As a complementary strategy to our material waste reduction initiative, Caps and Closures is upgrading its manufacturing process equipment to improve energy efficiency, thereby reducing our energy requirements and impact on the environment.

1. Installation of a new energy efficient servo-hydraulic moulding machine in 2021. The new moulder saves over 40% in energy compared with the old generation machine it replaced.
2. Installed a double wadding 83 mm machine which increased output in the same process by 100%. This process was extended to the 63 mm and 95 mm products.
3. Caps and Closures is continually looking for ways to improve its manufacturing processes in existing machines, and in combining operations and improving machine coordination and efficiencies.
4. Caps and Closures processes a wide range of wadding or sealing materials, of different material and colours. Engineering has added colour sensing capability via sensor upgrades to machines for automatic detection of faults in wadding material and cap feed supply, reducing wadding and cap waste and more importantly reducing rejected assemblies.
5. Caps and Closures saw an opportunity to improve its energy stewardship through renewable, sustainable energy and installed a large solar array for renewable solar energy.