



PUBLIC DISCLOSURE STATEMENT

ATIYAH

PRODUCT CERTIFICATION
FY2020-21 (TRUE-UP REPORT)

Australian Government

Climate Active Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	Atiyah
REPORTING PERIOD	Financial year 1 July 2020 – 30 June 2021 True-up report
DECLARATION	<p><i>To the best of my knowledge, the information provided in this public disclosure statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.</i></p> <p><i>Ben Armstrong</i></p> <hr/> <p>Ben Armstrong Head of operations 29/11/2021</p>



Australian Government

**Department of Industry, Science,
Energy and Resources**

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Version September 2021. To be used for FY20/21 reporting onwards.



1.CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	43.77 tCO ₂ -e
THE OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	Total renewables 89.01%
TECHNICAL ASSESSMENT	Next technical assessment due: November 2023

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2. CARBON NEUTRAL INFORMATION

Description of certification

Meaning 'gift of love', Atiyah is Australia's first 100% renewable-run kitchen, with sustainability at the heart of the business. Inspired by the street stalls of Beirut, Atiyah serves Lebanese street food from an off-grid, zero-carbon kitchen.

Atiyah is committed to deliver zero carbon emissions in everything we do. It's the way of the future and we are proud and excited to make it a reality. We want to revolutionise the fast food industry and show other businesses they can do better from a sustainability point of view. Since 2020, Atiyah is proud to be carbon neutral certified under the Climate Active Program to ensure its claim is robust, rigorous, defensible.

Our carbon neutral credentials are core to our strategy, as depicted in Atiyah's ethos, 'awesome street food, zero carbon'. A solar panel on the roof powers a Tesla battery while a biodiesel generator runs on cooking oil waste. Rain fills a water tank that's purified for drinking and used in a chemical-free cleaning system. Produce is sourced locally and from carbon-neutral meat suppliers. Packaging is compostable and customers can put used containers and any leftovers into compost bins at the kiosk.

The product certification includes all food and drinks prepared and sold by Atiyah Pty Ltd food pods across their locations in Australia under the Climate Active Carbon Neutral Standard for Products and Services ("the Standard").

The first Atiyah food pods, opened in October 2020, is situated in Federation Square (Melbourne), and at the beginning of 2021 we launched our catering service for corporate or private events. Most recently, in September 2021, Atiyah inaugurated its second kitchen located at the Prahran Market (Melbourne), serving as a litmus test on how to incorporate our sustainable strategies into established infrastructures as part of the expansion plan. Results of the operations in the second and future sites will be reported in the FY22 reporting period.

Atiyah wants to lead by example, showing that a greener, more sustainable approach to food service is possible, all while having significant contributions for economic recovery and employment.

"In Atiyah we provide awesome street food that won't cost the earth. We're proud to be Australia's first 100% renewable-run street food zero-carbon kitchen.

We want to give our customers a full sensory experience while creating a community of amazing people with a passion for saving the planet.'

Product description

Atiyah is powered by a solar array, and biofuels are utilised where possible. That being said, the carbon emissions associated with supply, preparation and waste associated with the Kitchen must be accounted for, reduced where possible and residual emissions offset to achieve carbon neutrality.

The reference unit will be kgCO₂-e per standard meal. A standard meal includes a Lebanese style crispy flatbread and a drink, of which the amount is worked out by dividing total sales by the average price of a meal.

The method selected was cradle to grave.

The use phase of Atiyah's food and drinks (i.e. customers eating and drinking), embodied emission within the food pods, and corporate management and marketing and communication have not been attributed to the product carbon inventory in line with the section 2.3.1 of the Climate Active Carbon Neutral Standard for Products and Services and section 7.2 of the GHG Protocol.

3.EMISSIONS BOUNDARY

Inside the emissions boundary

All emission sources listed in the emissions boundary are part of the carbon neutral claim.

Quantified emissions have been assessed as 'attributable processes' that become the product, make the product and carry the product through its life cycle. These have been quantified in the carbon inventory.

Non-quantified emissions have been assessed as attributable and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

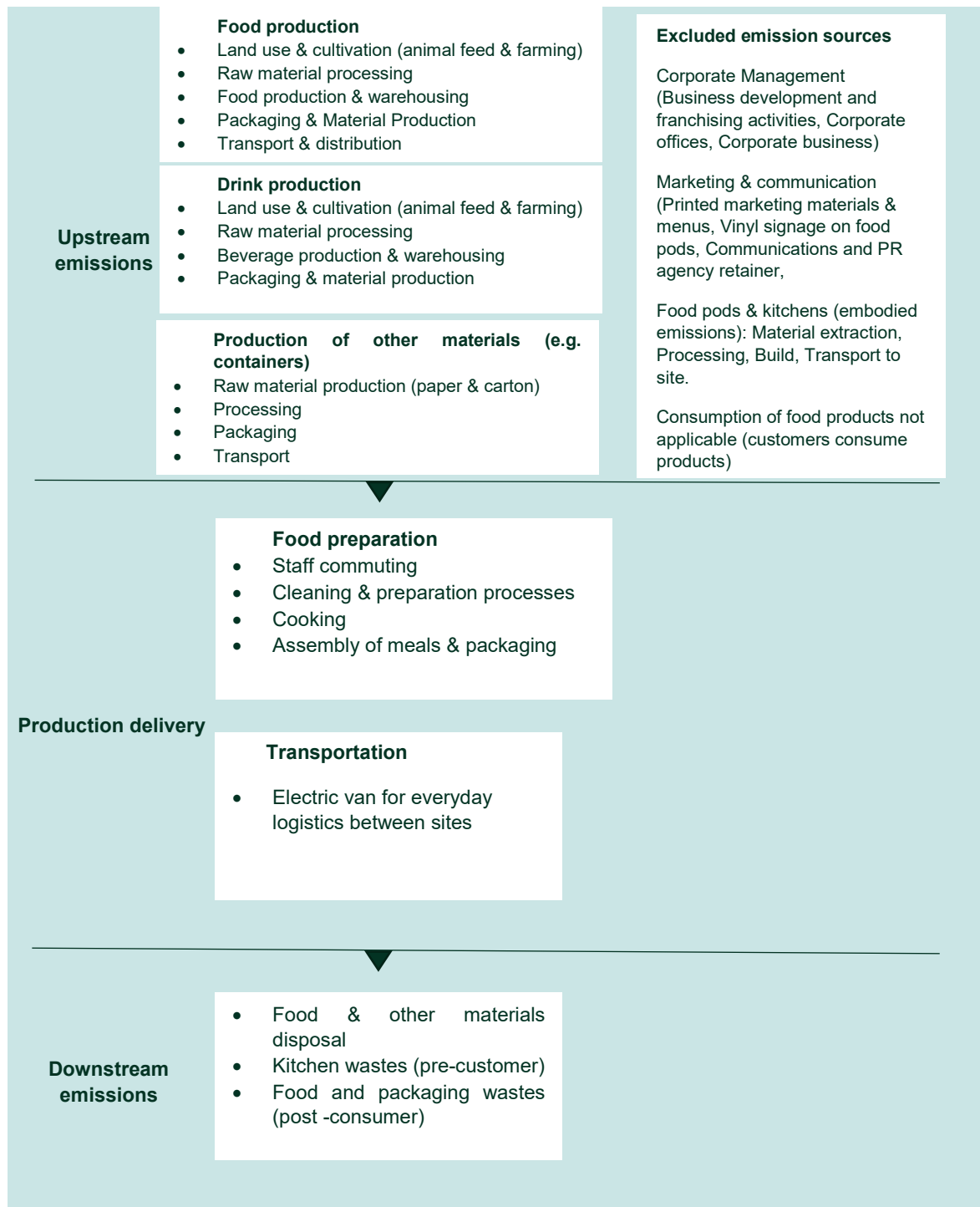
Outside the emissions boundary

Non-attributable emissions have been assessed as not attributable to a product or service. They can be **optionally included** in the emissions boundary and therefore have been offset, or they can be listed as outside of the emissions boundary (and are therefore not part of the carbon neutral claim). Further detail is available at Appendix D.

Product emissions boundary

Inside emissions boundary		Outside emission boundary
<u>Quantified</u>	<u>Non-quantified</u>	<u>Non-attributable</u>
Carbon Neutral products and services	n/a	Corporate Management
Cleaning and chemicals		Marketing and communication
Electricity		Embodied emission of food pods
Food		Consumption of food products
Land and Sea Transport (km)		
Machinery and vehicles		
Postage, courier and freight		
Stationary energy		
Waste		

Product process diagram



Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

As part of the data management plan from last year, emissions from cleaning supplies including the salt used for the E-water treatment system are quantified emission sources in the present report (included in Cleaning and Chemicals)

4.EMISSIONS REDUCTIONS

Emissions reduction strategy

Energy

Integrated smart technology and cloud-based monitoring enables Atiyah to achieve our commitment to sustainability and zero carbon emissions. Our Eco Smart Off-Grid solution with standalone solar system and storage batteries provide all our energy needs. Additional support from a 100% biodiesel (waste cooking oil) fuel sourced generator means we have energy independence. In addition, Atiyah is located at Federation Square, a carbon neutral city precinct following an independent external Green House Emission Audit by Earth Systems Pty Ltd.

Water

Atiyah kitchens have a pure rainwater filtration system. Rainwater collected from the catchment roof is pumped through an organic certified e-water electrolysis system, producing crystal clear pure water, used to clean our produce. Wastewater is repurposed to use off-site in community gardens, as part of our commitment to care for our customers, protecting people and our planet.

Food Waste

Atiyah diverts 100% of its organic waste and compostable packaging from both the kitchen and customers from landfill. The waste is processed into nutrient-rich compost in less than 12 weeks.

Atiyah has a Food Waste Strategy in place with a tailored action plan to reduce waste which may come across spoilage waste, preparation waste, surplus waste, and plate waste.

By implementing our Food Loss and Food Waste Strategy “Reducing the chance of our food becoming loss or waste”, Atiyah is committed to:

- compost 100% of food waste and compostable packaging
- halve food waste from kitchen operations by 2025.

Customer/Community engagement

Atiyah has taken great care to assess and quantify the greenhouse gas (GHG) emissions of the meals and drinks across their life, through an industry best practice life-cycle assessment. Atiyah has gone the extra mile, quantifying what “business as usual” in the industry would look like, to calculate the emissions savings from every meal and drink. By choosing to eat with us our customers are replacing more emission intensive meal and drinks options and are therefore reducing their personal footprint.

Atiyah’s menu shows our customers the amount of carbon emissions saved with each order. Through the Atiyah app, our customers have a record of their food emissions by eating with us and contribute to protect

rainforests and plant seedlings to restore the rainforest.

Save the Planet

1% to help save the Planet creates a way that every day, every customer has the opportunity to make a difference. 1% of all sales fund diverse environmental organisations protecting the future of our planet.

Trees planted

Atiyah's commitment to reforestation, one of the best ways to create a healthier environment. Trees help clean the air we breathe, filter the water we drink, and provide habitat to over 80% of the world's terrestrial biodiversity.

Emissions reduction actions

During the FY21, Atiyah put into practice some additional actions to reduce our carbon emissions:

Packaging

Atiyah only uses certified carbon neutral packaging materials to minimize the emission involved. As a business using BioPak® packaging, Compost Connect allows Atiyah to divert all food and BioPak packaging waste from landfill.

Zero Plastic Initiative

During the FY21, Atiyah implemented different strategies aiming to reduce the use of plastic and single-use packaging along our supply chain. To achieve our goal in being plastic free requires a collective effort from across the entire food and hospitality industry.

In response, Atiyah has introduced a new initiative to help food and drink suppliers replace plastic packaging with eco-friendly alternatives. We helped source and provided partial funding to suppliers who were willing to distribute compostable or closed-loop replacements to our kitchen, all while maintaining health regulations and standards. Some of our suppliers are making the switch to biodegradable wrap or using Atiyah's pails that are then returned and reused, providing no wastage for Atiyah. By making this switch, Atiyah will remove approximately 150kg per year in plastic.

Atiyah expects that more businesses across the sector will start having conversations with their own suppliers, to look at their packaging and processes to start making incremental changes for the better.

Transport

Improving Atiyah's transport modes is crucial to the company's commitment for the environmental. Atiyah is located in Federation Square district and Prahran Market with multiples options for public transportation. By using public transport, employees and customers can reduce transport impacts, worksite parking demand and travel costs.

Atiyah is leading the transition to zero emissions transport by advocating for lower carbon intensity through our electric van powered by renewable energy used for all operations.

Atiyah have a Transport Policy in place with opportunities for emissions reduction. In order to reduce business travel and increasing productivity we encourage public transport, carpooling, car-sharing schemes, videoconferencing, and bicycle

Sustainability education

Atiyah engaged with a pilot program from SeedCulture, a workforce sustainability engagement platform for teams. It consists of a cloud-based software that helps us to track, reward, and gamify employee engagement on sustainability topics.

Summary of emissions saved so far:

Atiyah's website keeps a public record of our emissions saved through our operations and customers:

- Rainwater harvested: 17,404 litres of rainwater has been harvested since November 2020
- Energy Offset: Atiyah has offset 6,206 kWh with renewable energy since November 2020
- Waste Diverted: 2460kg of waste has been diverted since November 2020
- Save the Planet initiative: \$1,405
- Trees planted: 12

5.EMISSIONS SUMMARY

True up of total net emissions

True up total net emissions

1. Projected emissions for reporting period	351.41 t CO ₂ -e
2. Actual emissions for reporting period	43.77 t CO ₂ -e
3. Difference	307.64 t CO ₂ -e

Product emissions summary

Emissions summary (inventory)

Emission source category	Project emissions tonnes CO₂-e	Actual Emissions tonnes CO₂-e
Cleaning and Chemicals	0	0.22
Electricity	1.25	0.66
Food	263.2	23.48
Land and Sea Transport (km)	4.13	0.89
Machinery and vehicles	0	1.26
Postage, courier and freight	3.07	4.60
Products	0	0.56
Stationary Energy	1.71	0.33
Waste	25.41	4.44
Total Net Emissions	298.77	36.47

The baseline for FY21 was initially projected for two sites in operation, and sales were significantly lower than the financial projections due to Covid-19.

The reference unit will be kgCO₂-e per standard meal. A standard meal includes a Lebanese style sandwich and a drink, of which the amount is worked out by dividing total sales by the average price of a meal.

Emissions intensity per functional unit (including uplifts)	0.00812
Number of functional units to be offset (certified)	5390.00
Total emissions to be offset (certified)	43.77

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions, which can't be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Reason for uplift factor	Projected emissions tCO2-e	Actual emissions tCO2-e
20% uplift factor applied to the overall food category in the inventory as a conservative estimate due to the uncertainty in ingredient volumes.	52.64	7.29
<i>Total footprint to offset (uplift factors + net emissions)</i>	351.41	43.77

Use of Climate Active carbon neutral products and services

Atiyah uses carbon neutral packaging from BioPak, a Climate Active member.

The consultancy engaged to support the execution and management of the Climate Active Carbon Neutral certification for product (projected baseline FY21) was Ndevr Environmental Pty Ltd., a Climate Active member.

6. CARBON OFFSETS

Offsets strategy

Offset purchasing strategy: In arrears		
1.	Total offsets previously forward purchased and banked for this report	352
2.	Total emissions liability to offset for this report	44
3.	Net offset balance for this reporting period	-308
4.	Total offsets to be forward purchased to offset the next reporting period	308
5.	Total offsets required for this report	44

Co-benefits

Winds of Change is an innovative clean energy project located in Gujarat India. Wind power is clean energy as it produces no emissions and avoids the local air pollutants associated with fossil fuels.

The wind farm introduces clean energy into the electricity grid which would otherwise be generated by a coal-fired power station.

This project supports national energy security and strengthens India's rural electrification coverage, contributing to the sustainable economic and environmental development of the area.

Offsets summary

Proof of cancellation of offset units

Offsets cancelled for Climate Active Carbon Neutral Certification										
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Eligible Quantity (tCO ₂ -e)	Quantity used for previous reporting periods	Quantity banked for future reporting periods	Quantity used for this reporting period claim	Percentage of total (%)
Clean Energy Generation in Gujarat, India	VCU	Verra	13/07/2020	7352-386349060-386349411-VCU-034-APX-IN-1-1081-01012014-31122014-0	2014	352	0	308	44	100 %
Total offsets retired this report and used in this report									44	
Total offsets retired this report and banked for future reports								308		
Type of offset units		Quantity (used for this reporting period claim)					Percentage of total			
Verified Carbon Units (VCUs)		44					100			

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) Summary

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

1. Large-scale Generation certificates (LGCs)*	N/A
2. Other RECs	N/A

* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	Generation year	Quantity (MWh)	Fuel source	Location
N/A									
N/A									
<i>Total LGCs surrendered this report and used in this report</i>									

APPENDIX A: ADDITIONAL INFORMATION

N/A.

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a **market-based approach**

Location-based method

The location-based method provides a picture of a business's electricity emissions in the context of its location, and the emissions intensity of the electricity grid it relies on. It reflects the average emissions intensity of the electricity grid in the location (State) in which energy consumption occurs. The location-based method does not allow for any claims of renewable electricity from grid-imported electricity usage.

Market-based method

The market-based method provides a picture of a business's electricity emissions in the context of its renewable energy investments. It reflects the emissions intensity of different electricity products, markets and investments. It uses a residual mix factor (RMF) to allow for unique claims on the zero emissions attribute of renewables without double-counting.

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kgCO ₂ e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	4,873	0	86%
Total non-grid electricity	4,873	0	86%
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0%
GreenPower	0	0	0%
Jurisdictional renewables (LGCs retired)	0	0	0%
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0%
Large Scale Renewable Energy Target (applied to grid electricity only)	145	0	3%
Residual Electricity	619	665	0%
Total grid electricity	764	665	3%
Total Electricity Consumed (grid + non grid)	5,637	665	89%
Electricity renewables	5,018	0	
Residual Electricity	619	665	
Exported on-site generated electricity	0	0	
Emission Footprint (kgCO ₂ e)		665	
Total renewables (grid and non-grid)	89.01%		
Mandatory	2.56%		
Voluntary	0.00%		
Behind the meter	86.45%		
Residual Electricity Emission Footprint (TCO₂e)	1		

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Emissions (kgCO ₂ e)
ACT	0	0
NSW	0	0
SA	0	0
Vic	764	833
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
Grid electricity (scope 2 and 3)	764	833
ACT	0	0
NSW	0	0
SA	0	0
Vic	4,873	0
Qld	0	0
NT	0	0
WA	0	0
Tas	0	0
Non-grid electricity (Behind the meter)	4,873	0
Total Electricity Consumed	5,637	833
Emission Footprint (TCO₂e)	1	

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product	Activity Data (kWh)	Emissions (kgCO ₂ e)
n/a	0	0

Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following sources emissions have been assessed as attributable, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. They have been non-quantified due to one of the following reasons:

1. **Immaterial** <1% for individual items and no more than 5% collectively
2. **Cost effective** Quantification is not cost effective relative to the size of the emission but uplift applied.
3. **Data unavailable** Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
4. **Maintenance** Initial emissions non-quantified but repairs and replacements quantified.

Relevant-non-quantified emission sources	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
n/a				

Excluded emission sources

Attributable emissions sources can be excluded from the carbon inventory, but still considered as part of the emissions boundary if they meet **all three of the below criteria**. An uplift factor may not necessarily be applied.

1. A data gap exists because primary or secondary data cannot be collected (**no actual data**).
2. Extrapolated and proxy data cannot be determined to fill the data gap (**no projected data**).
3. An estimation determines the emissions from the process to be **immaterial**.

	No actual data	No projected data	Immaterial
Consumption of food products	Yes	Yes	Yes

APPENDIX D: OUTSIDE EMISSION BOUNDARY

Non-attributable emissions have been assessed as not attributable to a product or service (do not carry, make or become the product/service) and are therefore not part of the carbon neutral claim. To be deemed attributable, an emission must meet two of the five relevance criteria. Emissions which only meet one condition of the relevance test can be assessed as non-attributable and therefore are outside the carbon neutral claim. Non-attributable emissions are detailed below.

Relevance test					
Non-attributable emission	<i>The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions</i>	<i>The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.</i>	<i>Key stakeholders deem the emissions from a particular source are relevant.</i>	<i>The responsible entity has the potential to influence the reduction of emissions from a particular source.</i>	<i>The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations.</i>
Corporate management	No	No	No	Yes	No
Marketing and communication	No	No	No	Yes	No
Embodied emission of food pods	No	No	No	No	No
Consumption of food products	No	No	No	No	No



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