

NESTLE

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Summary

We are currently researching and analyzing the packaging processes and approaches by Nestle. Nestle is one of the biggest Consumer Goods Product companies in the market. Packaging is one of the important components that has a significant impact on sustainability. Through better packaging, Nestle can offset a large amount of carbon footprint. We are working on providing solutions and recommendations to further improve its packaging with a sustainable approach.

Timeline

- Currently each group member is working on collecting data in the following areas:
 - o Overview of Nestle's current process
 - o Possible strategy issues
 - o Environmental impacts
 - o Recommendations
- In the coming weeks we will compile all the data together to make our case, and build a detailed recommendation report.
- After data collection and analysis, we will work on brainstorming our ideas and suggestions to further improve Nestle packaging with a focus on sustainability.
- Once we have all the data and inputs from the group members, we will put together our project which we will present in the class.

Project inclusions and topics to be discussed

1. Brief introduction and History of Nestle

- History of Nestle
- Size and its scope
- Global presence and influence

2. Nestle's current supply chain and packaging process

- Current supply chain from manufacturing to packaging process
- Types of packaging and the materials used
- Current approach to sustainability in packaging

3. Impact on the environment

- Environmental impacts such as waste, carbon emissions, and plastic pollution.
- Negative effects of this impact on the ecological system and climate change.
- Visualisations showcasing this impact.

4. Possible issues in the strategy

- Supply chain issues and shortcomings by Nestle with the current approach
- Recycling and sustainability issues concerning packaging.

5. Recommendation for that Issue

- Possible suggestions and solutions to the current issues
- Reducing packaging waste
- Better packaging through sustainable sourcing
- More R&D on sustainable packaging and other related processes

6. Compare Nestle's packaging with other competitors

- Competitive analysis of Nestle's packaging with other big competitors
- Identifying where Nestle falls short and leads in sustainability packaging & innovation

7. Dashboards

- Possible visuals to support our research
- Dashboard will include visual representations of carbon footprint, environmental impact, supply chain, packaging process & wastage, etc.

8. Sources referred (specific links)

- sources include reports, articles, and claims by magazines, Nestle website research organizations, and databases.

Progress:

Current supply chain + packaging process overview:

“Our Packaging Sustainability Strategy.” *Nestlé Global*,

www.nestle.com/sustainability/waste-reduction/packaging-strategy. Accessed 29 Jan. 2024.

Article Summary:

- Stats according to Nestle (from this article):
 - o (In 2022) 85.8% of their total packaging was recyclable or reusable
 - o 36% of the total packaging was made from recycled and/or renewable materials
 - o 3.6 million tonnes of packaging was used in 2022

- This represents a reduction of 0.9 million tonnes from 2020 data
- Sustainability strategy is centered around 5 pillars:
 - Reduction of plastic packaging material (including less virgin plastic — aim to have a 33% reduction by 2025)
 - removing plastic lids, films, etc
 - Scaling reusable + refillable systems — eliminates single-use plastic
 - Refillable systems for Nescafe products in France
 - Designing better packaging materials
 - Swapping plastic straws for custom paper straws (accomplished in 2021)
 - Supporting infrastructure for recycling
 - Shaping new behaviors

The Rules of Sustainable Packaging - Nestlé Global,

www.nestle.com/sites/default/files/2020-06/rules-of-sustainable-packaging.pdf. Accessed 29 Jan. 2024.

- Nestlé's internal sustainable packaging guide — will be used for a discussion of Nestlé's current packaging

Roussell, Jodie. "3 Crafty Packaging Changes Making a Difference." *Nestlé Global*,

www.nestle.com/stories/brands-crafty-packaging-changes. Accessed 29 Jan. 2024.

- Nestlé focuses on small changes that maintain its packaging's overall structure, but eliminate unnecessary things

Environmental Impact

<https://www.nestle.com/sites/default/files/2023-03/creating-shared-value-sustainability-report-2022-en.pdf> - This is Nestlé's sustainability Report for 2022

Points to be highlighted from this report-

1. ESG KPIs
2. Climate-centred approach and how their brands are contributing to it.
3. Scope 1, 2, and 3 GHG emissions
4. Sustainable sourcing
5. Deforestation-free supply chain
6. Packaging sustainability innovation

<https://www.nestle.com/sites/default/files/2023-03/2022-tcf-report.pdf> - This is Nestlé's climate risk and impact report

Points to be highlighted from this report-

1. Among 5 workstreams or ESG governance, we are only focussing on 2050 Net Zero and Sustainable Packaging
2. Physical risks
3. Year-wise emissions metrics

Possible Issues in the Strategy

Compare Nestle's packaging with other competitors

<https://www.beveragedaily.com/Article/2020/03/06/Coca-Cola-PepsiCo-Nestle-How-packaging-sustainability-commitments-compare> - This is a comparative study of different beverage companies about their packaging guidelines.

Highlights from the article:

1. Recycling and Reusable goals
2. Usage of rPET in packaging
3. Introduction of new material and research in that field.

<https://www.packworld.com/design/materials-containers/article/22392671/thepackhub-nestl-and-other-companies-are-moving-toward-paper-packaging-solutions> - Usage of paper in packing of products and similar initiatives by other companies

1. Using paperback for ice cream packaging
2. Wine companies use paper for bottle packaging and vegetable companies.