



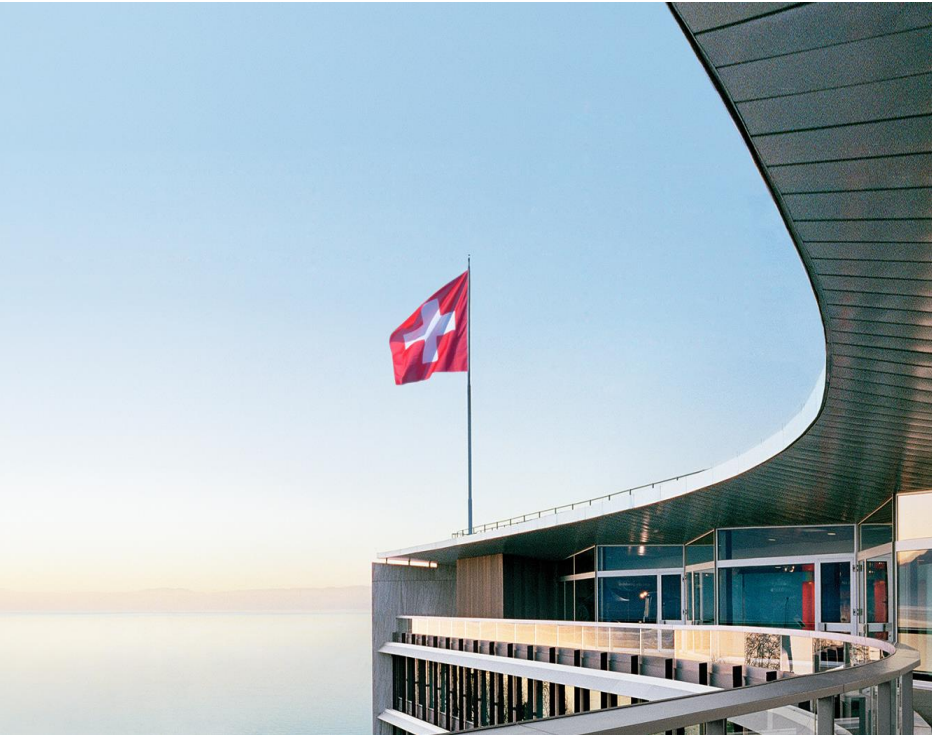
Nestlé Good food, Good life

Sustainable Packaging

**Rob Cameron,
Global Head of Public Affairs
March 10, 2021**



Nestlé's Vision for Packaging Sustainability



Our long-term vision

- None of our packaging ends up in landfill or as litter

Our commitments for 2025

- 100% of our packaging will be recyclable or reusable
- We will reduce our use of virgin plastics by 33%



Our packaging sustainability journey



April
2018

September
2019

January
2020

December
2020

- Launched **global commitment on recycling and reusable packaging** for 2025

- Inaugurated **Nestlé Institute of Packaging Sciences**

- Pledged **CHF 1.5 bn toward food-grade recycled plastics**
- Committed to **reduce virgin plastic** use by 1/3 by 2025

- Published **Net Zero roadmap**

Our need: Fit-for-purpose food-grade packaging

Delivering safe and nutritious food

Safety & quality



Pre-portion



Avoid food waste



Information



Adapting to product and geography

Product sensitivity



Climate



Route-to-market



Legislation



Our sustainable packaging 5 pillar strategy

Packaging reduction /
elimination



Reusable / refillable
packaging systems



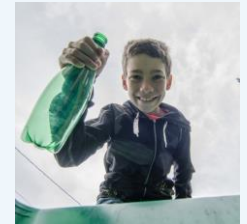
Materials innovation
for recycling and
composting



Recycling and waste
management
infrastructure



Rethinking behaviors
of Nestlé, retail
partners and
consumers



Pillar 1: Reducing our use of packaging material

Reducing packaging complexity

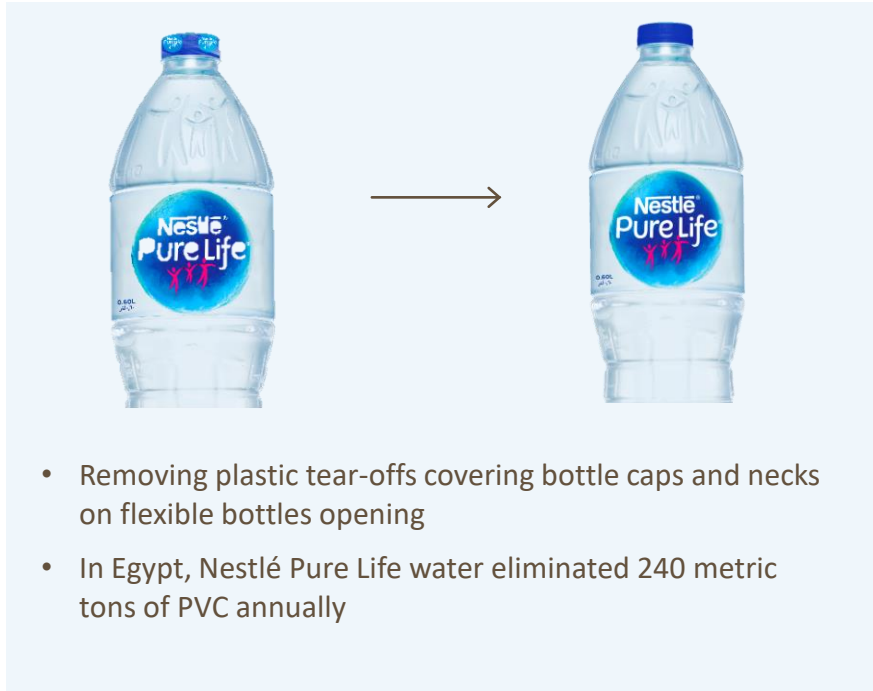


Increasing use of recycled content



Pillar 1: Reducing our use of plastic packaging

Eliminating bottle cap tear-offs



Removing unnecessary lids



Pillar 2: Scaling different models of packaging-free delivery systems

- Reusable containers
- Refill systems
- Single-dose dispensers
- In-store dispensers
- Bulk Home Refill Delivery



Pillar 2: Scaling reusable and refillable systems

Algramo: Bulk refill for Purina PetCare



- Piloting bulk delivery of pet foods by tricycle
- Running pilots with consumers in Santiago, Chile
- Convenience for heavy and bulky dry pet foods
- Reusable containers integrate RFID chips

LOOP: Reusable packaging



- Offering foods in high quality refillable packaging
- Piloting products in dairy, coffee, waters and petcare
- Engaging major retailers in the US, Canada and France
- Packaging shifts to a reusable resource

Pillar 3: Pioneering alternative materials to facilitate recycling

Finding opportunities for paperization and the transition to mono-material polymers



Pillar 3: Pioneering alternative packaging materials to facilitate recycling

Packaging paperization



- Replacing plastic with paper
- Creating packaging fit for local waste infrastructure
- Innovating for protection in hot and humid climates

Paperization of straws



- Transitioning straws from plastic to paper
- First mover, collaborating to create new supplier partnerships, technologies and manufacturing processes

Pillar 4: Supporting infrastructure that helps to shape a waste-free future

Investing in support of circular economy



- Supporting start-ups via CHF 250 m venture fund
- Creating a market for food-grade recycled plastic by allocating up to CHF 1.5 bn in premiums
- Exploring opportunities for investment in innovation

Collecting and educating: Project STOP



- 12 countries, 12 Plastic Neutrality Roadmaps
- Supporting development of recycled plastics supply chain and driving local empowerment and employment
- Facilities in Lekok and Nguling; 32 tons per day capacity

Pillar 5: Rethinking behaviors: Operations, retail partners and consumers

Training teams on packaging sustainability Encouraging recycling behaviors



- Rolling out a sustainable packaging education and training program to over 290 000 employees
- Accelerating behavior change and helping the company meet its packaging objectives



- Products designed to engage consumers in recycling and reuse
- Collection points and mail in bags in multiple markets (LOOP partnership, Retail sites, Nespresso)

Nestlé Institute of Packaging Science



- **50 scientists** conducting cutting edge research for **safety and performance** of new materials
- Refillables, redesigning multi-material to mono-material, high-performance paper barriers and recycled content
- Part of larger ecosystem of our **global R&D network**



Technology: Building a vibrant ecosystem for packaging innovation

Start-ups and entrepreneurs



 **The Accelerator**
Powered by Nestlé R+D

Material suppliers and converters



danimer 
scientific

 **SWISS FOOD &
NUTRITION VALLEY**

Universities and research institutes



**FUTURE
FOOD**

**A SWISS RESEARCH
INITIATIVE**



Key takeaways

- Investing in sustainable packaging to future-proof our business
- Taking action with clear plans and milestones
- Delivering on our vision through a multi-pillar approach
- Collaborating to drive progress across the entire packaging ecosystem

