Our Vision and Mission

We are PRAISE
(Packaging and Recycling Alliance for Indonesia Sustainable Environment)

OUR VISION
Present as an alliance that actively supports the implementation of holistic, integrated and sustainable packaging waste management in Indonesia.

OUR MISSION
1. Increase awareness that each stakeholder is responsible for waste management in an integrated and sustainable way.
2. Strengthen the capacity of members in the field of packaging waste management through research, education and collaboration.
3. Enlist participation of government, private sector and the public to actively take part in reducing impacts of packaging waste on the environment.

OUR FOUNDING MEMBERS
How much waste does Indonesia produce?

*Based on a population of 250 million people in 2014, it is estimated that Indonesians produce*:

- **0.7 kg** of waste per day
- **175,000 tons** of waste per day nationally
- **64,000,000 tons** of waste in a year

Our Challenge

Moving from a Linear Economy...
Our Opportunity

Toward a Circular Economy
Our Approach

Extended Stakeholder Responsibility (ESR)

A multi-stakeholder framework which involves all parties across the value chain and is aligned with the Circular Economy concept.
Our Focus

Support the establishment of ESR framework to optimize the potential of a sustainable Circular Economy model

**ADVOCACY**
To drive implementation of ESR framework into waste management policy in Indonesia

**RESEARCH & EDUCATION**
To create awareness about the importance of sustainable waste management practices

**PARTNERSHIPS & COLLABORATION**
To empower stakeholders through collaborative action

In partnership with government and all relevant stakeholders to implement a holistic, integrated and sustainable approach to packaging waste management in Indonesia
Our Progress

Dialogue with Ministry of Public Works and Public Housing and Waste4Change

Position Paper on Extended Stakeholder Responsibility

APEC High-Level Meeting on Accelerating Waste Management to Reduce Marine Litter

Circular Economy Forum with Coordinating Ministry for Maritime Affairs

Workshop with Ministry of Environment and Forestry

IGCN Forum

ADVOCACY

To drive implementation of ESR framework into waste management policy in Indonesia
Our Progress

2010

Indonesia Business Links

Waste Study conducted by University Indonesia

Pilot Program with waste bank in Pejaten

Study tour to waste education center in Thailand

Study of potential economic impact of excise tax on plastic packaging

RESEARCH & EDUCATION

To create awareness about the importance of sustainable waste management practices
Our Progress

PARTNERSHIPS & COLLABORATION
To empower stakeholders through collaborative action

Discussion with Marine Change and Solid Waste Indonesia

Meeting with Asian Institute of Technology

Field Visit with Thailand Institute of Packaging and Recycling Management for Sustainable Environment

Official launch of PRAISE with Ministry of Environment and Forestry

Introduction of The Alliance for Marine Plastic Solutions
Our Best Practices

Innovation -> Collection -> Sorting -> Pre-treatment/Treatment
Our Plans in 2017 and beyond

- **RESEARCH**
  Conduct research on waste management value chain in two cities in Indonesia

- **PILOT PROGRAM**
  Implement a pilot program incorporating Extended Stakeholder Responsibility framework which is aligned with the Circular Economy model

- **EXPAND MEMBERSHIP**
  Invite members from across the waste value chain who share PRAISE’s Vision and Mission
PRAISE in summary

- **We commit**
to help Indonesia implement integrated, holistic and sustainable solutions to manage packaging waste

- **We promote**
a collaborative approach where all stakeholders have a role to play

- **We believe**
we all can contribute to lessening our impacts on the environment in Indonesia
Let’s collaborate and be part of the solution!
Coca-Cola Sustainable Commitment to Environment

2020 Sustainability Commitments

Our Sustainability framework – what we call “Me, We, World” – is our shared vision for how we can work together to create social value and make a positive difference for the consumers and communities we serve.

- Water
  - Protecting the environment
  - Replenish 100% of water used in our finished products

- Packaging
  - Protecting the environment
  - Reach a 25% recovery rate for the number of bottles and cans equivalent to what we introduce in developed markets
  - Use PlantBottle™ packaging for all PET plastic bottles up to 50% plant material

- Climate Protection
  - Reduce the carbon footprint of the drink in your hand 25% (compared to a 2010 baseline)

- Sustainable Agriculture
  - Sustainably source key agriculture ingredients

Innovation

Collection

Sorting

Pre/treatment

Bali Beach Clean Up

Since 2007, Bali Beach Clean-Up Program has been operating daily to clean rubbish in Bali's coastal area.

--- JUNE 2013 ---

78 BEACHES CLEANED

150 NEW RECYCLING PLACES EVERY YEAR

1,272,750 Kg TOTAL RUBBISH PICKED UP

31,272,490 Kg TOTAL RUBBISH PICKED UP

36% PLASTIC, 60% ORGANICS, 10% OTHERS

RUTA BEACH SEA TURTLE CONSERVATION

- 78 RECYCLED BEACH CLEANING CREWS
- 150 NEW RECYCLING PLACES EVERY YEAR
- 1,272,750 Kg TOTAL RUBBISH PICKED UP
- 31,272,490 Kg TOTAL RUBBISH PICKED UP
- 36% PLASTIC, 60% ORGANICS, 10% OTHERS

Coca-Cola placed 6,900+ Recycling Bins for the 2014 FIFA World Cup™ and collected 465 tonnes of solid waste.

- TURTLE EGGS COLLECTED
- SINCE 2010, 455C TURTLE EGGS PROTECTED
- SINCE 2010, 130,000 TURTLE EGGS PROTECTED

INNOVATIVE PACKAGING

- 35 Billion+ PlantBottle™ Packages introduced in 40 countries, as of July 2015, saving in 743,000+ barrels of oil saved

- Since 2008, we have reduced packaging weight by 15%
Coca-Cola Sustainable Commitment to Environment

Made with 111 plastic bottles.
CREATE SECOND LIFE FOR OUR PLASTICS

• 6 Collection Centers in Tangerang, Bandung, Bali and Lombok
• Proper working condition & safety
• 12,000 Tons PET plastic collected
• Jobs for > 9000 waste-pickers
• Open access of health insurance for waste-pickers
• Support waste bank development in Bogor, Jakarta and surrounding factories
• > 17 % Light weight
INISIATIF INDOFOOD DALAM MENJAGA KEBERLANJUTAN LINGKUNGAN

PENERAPAN TEKNOLOGI RAMAH LINGKUNGAN
Melalui Grup CBP yaitu PT Asahi Indofood Beverage Makmur (AIBM), menerapkan Teknologi Ramah Lingkungan salah satunya dengan melakukan inovasi dibidang manufacturing, yaitu sistem “Aseptic Filling, berupa proses produksi dimana hasilnya adalah penghematan biaya, dan penggunaan botol plastik yang lebih efisien dan ramah lingkungan.

PENGELOLAAN SAMPAH BERBASIS KOMUNITAS (PROGRAM BANK SAMPAH)
Upaya mengurangi, memanfaatkan kembali dan melakukan daur ulang pada bahan kemasan dan mengolah limbah lainnya secara mandiri dan berkelanjutan telah dilakukan Indofood melalui Institusi Bank Sampah, dan telah dibangun Bank Sampah di DKI Jakarta sebanyak 2 Bank Sampah dan Lampung di 3 lokasi, inisiatif ini akan terus dilanjutkan dengan belajar dari unit-unit yang sudah ada dan kemudian dilakukan penyempurnaan terhadap prosedur, mekanisme dan peningkatan komitmen dari penyelenggara bank sampah tersebut agar mampu terjaga keberlanjutannya
### Our Vision for Packaging in a Circular Economy:
Renewable materials, sustainably sourced, increase recycling and doing more with less

#### Support policy makers and businesses partners in collaboration to maximize the potential of the Circular Economy

<table>
<thead>
<tr>
<th>Only <strong>Renewable</strong> ensure an infinite supply of raw materials</th>
<th>Materials must be sourced under <strong>environmentally</strong> and socially acceptable conditions</th>
<th><strong>Recycling</strong> transforms waste into a new resource</th>
<th>Resource efficient <strong>products and processes</strong> make business sense</th>
</tr>
</thead>
</table>

**Why**
- Innovation in renewable materials (made of plants or **bio-mass**, as only renewable materials **re-grow** or regenerate) stimulate growth and jobs.

**What’s needed**
- Partnership and **Empowerment** with Government Regulation in use of **renewable materials** (e.g. for packaging).

**What we do**
- The average renewable content in our carton packaging material today accounts for 75% and we aim to offer a **100% renewable**, aseptic package.

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**Why**
- To ensure the shift to sustainable consumption and production practices, primary materials entering a circular economy must be **responsibly sourced**.

**What’s needed**
- Government policies should promote **responsible sourcing** and adopt National or International standards for responsible sourcing.

**What we do**
- The paperboard we use in our carton packages comes from responsibly sourced wood with a **FSC-certified chain of custody**.

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**Why**
- Recycled (secondary) materials can be used in a growing number of **applications** or **industries**.

**What’s needed**
- Municipalities / governments should ensure **separate collection** of recyclable & non-recyclable waste, stimulate the development of recycling technologies.

**What we do**
- Tetra Pak carton packages are recyclable. We engage as **catalysts in the recycling value chain** to facilitate and support the establishment of **sustainable recycling solution** for consumer packaging.

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**Why**
- More **efficient products** and processes minimise waste, consumption of resources and cost.

**What’s needed**
- Provide incentives for **improved performance** requirements.

**What we do**
- Our food processing and filling equipment represents best available techniques, as our **innovation** is geared to offer new products and services that **minimize resource use** and **reduce cost** for our customers.
MENJUZERO WASTE PADA 2020

OPTIMALISASI KEMASAN

Di Nestlé, kami berkomitmen untuk menjalankan bisnis dengan menerapkan prinsip keberlanjutan demi masa depan generasi mendatang.

PENGURANGAN BERAT & VOLUME KEMASAN

<table>
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<tr>
<th></th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
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<tr>
<td>573 T</td>
<td>1,163 T</td>
<td>186 T</td>
<td>248 T</td>
<td></td>
</tr>
</tbody>
</table>

Upaya kami untuk terus menerus mengurangi beban dan volume kemasan bertujuan untuk terus menjaga keberlanjutan lingkungan karena dapat mengurangi limbah, menjaga sumber daya alam, serta mengurangi emisi akibat beban transportasi.

PEMILAHAN SAMPAH

Memilah sampah dengan baik dapat memaksimalkan potensi sampah untuk di daur ulang.

Pemilahan berdasarkan jenis sampah yang dilakukan di pabrik Nestlé.

KERTAS Hasil Daur Ulang

NEPAL

PLASTIK

SAMPAH LAMANATE

SAMPAH BAKAR ALTERNATIF

KERAS HASI

SCRAP BUYER

PAEBIK PELEDURAN BESI

BESI

EXTRUDER

PELET PLASTIK

Good Food, Good Life
Unilever Packaging commitment

Pada Tahun 2025
1. Mengurangi gramasi
2. Membuat lebih banyak kemasan yang bisa didaur ulang
3. Menggunakan lebih banyak bahan daur ulang

COMMITMENT FOR INDONESIA HIJAU

BANK SAMPAH

Chemical Recycling : polymer to polymer