Action to reduce plastic leakage – Market-based solution towards “less plastic wasted”
SCG has committed to SD & Circular Economy

**Balance Triple Bottom Line**

- Policy
- Code of conduct
- Culture
- Ethics / Morality

**Growing Economy**

**Healthy Environment**

**Happy Society**

Compliance with regulations and laws is a minimum requirement for all SCG operations.

**Sustainable Development Framework**

- **Reduce 28%**
  - GHG within 2030 from BAU at base year of 2007

- **Zero** waste to landfill

- **Reduce 60%** waste disposal per production unit within 2025 from base year of 2014

- **Reduce 23%** water withdrawal within 2025 from BAU at base year of 2014

- **Increase 2/3** sales of SCG eco value within 2030

- Lead collaboration for end-to-end waste management
- Reduce single-use applications through innovations
- Launch more recyclable or reusable packaging
Waste management as cornerstone solutions besides typical practices thru innovation

1. Circular Product & Service Development TO CREATE & MAINTAIN VALUE OF MATERIALS

- Product Design
  - Renewability
  - Durability
  - Reduce Material Use
  - Replacement

- Manufacturing
  - Refurbishment
  - Reuse
  - Repair
  - Upgrade

- Sales
- Consumption
- Waste

Recycling
- Separating
- Collecting*

- Compost
- Incineration

- Landfill

2. Waste Littering & Management TO COLLECT & RE-CREATE RECYCLABILITY
Private collaboration exhibits speed in implementation of projects

**Greenovative Lube Packaging**
- Collaborate with Bangchak to innovate service solution apart from product development
- Formulate used lube gallon PCR with virgin material

**Plastic Road**
- Joint develop with Dow Chemical and collaborate with Amata, CP All, SC Asset to turn waste plastics into asphalt roads

**Mixture of Asphalt pavement**
- **Aggregate**
- **Asphalt**
- **Shredded Waste Plastics**

- Reduce usage by -10%
- Plastic asphalt road

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Demonstrate End-to-End Model targeting zero waste to landfill

**Littering station**
- Easy and friendly sorting station using visualization

**Waste collection**
- Rightly Manage:
  - Storage
  - Transportation

**Mindset and Behavior**
- Educate employees for correct waste sorting
- Promote “value to me” and “value to society”

**High value**
- Upcycling
- Recycling paper and plastic
- Composting
- Alternative fuel

**Low value**