Potential Response Options Regarding Marine Litter and Microplastics

Submission from the International Council of Chemical Associations (ICCA)
Full Members
- Cefic (European Chemical Industry Council)
- ACC (American Chemistry Council)
- ANIQ (Mexican Chemical Industry Association)
- CIAC (Chemistry Industry Association of Canada)
- JCIA (Japan Chemical Industry Association)
- ABIQUIM (Brazilian Chemical Industry Association)
- KOCIC (Korea Chemical Industry Council)
- RCNZ (Responsible Care New Zealand)
- Chemistry Australia
- GPCA (Gulf Petrochemicals and Chemicals Association)
- SCIC (Singapore Chemical Industry Council)
- CAIA (Chemical and Allied Industries’ Association)

Associate Members
- CPCIF (China Petroleum and Chemical Industry Federation)
- ICC (Indian Chemical Council)

Permanent Observers
- AICM (Association of International Chemical Manufacturers)
- TRCA (Taiwan Responsible Care Association)
- TCIA (Taiwan Chemical Industry Association)

Observers
- RCU (Russian Chemists Union)
Waste Management Hierarchy

• 2 billion people lack access to waste collection*

• UNEA reinforced waste management as highest priority

• Need to address all parts of waste management hierarchy

* UN Global Waste Management Outlook
Realizing a Circular Economy

- New circular business models
- Technology & innovation
- Advanced recycling
- Mass balance accounting
Environmental Cost of Alternatives

• Trucost study found replacing plastics in packaging and consumer products with alternative materials could raise environmental costs nearly 4 fold.

• Environmental costs can include more food and packaging waste, more fuel used in transportation, more litter, higher energy.
• 395 marine litter prevention projects have been planned, underway, or completed as of early 2020.

• Projects vary from beach clean ups to expanding waste management capacities, and from global research to awareness and education campaigns.

• Six focus areas are education, research, public policy, sharing best practices, plastics recycling/recovery, and plastic pellet containment.
Independent, stand alone organization with own staff, CEO and Board of Directors

Not for Profit 501(c)(3) status supports global operations

Singapore headquarters

Founded by companies that make, use, sell, process, collect, and recycle plastics
Many communities, mainly in Asia and Africa, do not have systems to collect & manage plastic waste or increase recycling. The Alliance is funding new approaches to build and deploy critical infrastructure for plastic waste management.

We support ideas to scale new technologies and solutions for a circular economy, with funding, capacity building and incubation services.

Lasting change is only possible if everyone knows why and what it takes to end plastic waste in the environment. We work with communities to drive deeper and lasting engagement.

Every community should have universal access to an environment free of plastic waste.

~60% investment allocation
~20% investment allocation
~15% investment allocation
~5% investment allocation
AEPW Project STOP

Project STOP is in Northwest Bali, Indonesia. It is a city partnership which designs integrated waste management systems where infrastructure is lacking, especially along rivers which transport vast amounts of plastic waste to the ocean.

The project has pioneered a powerful approach to building sustainable waste collection, sorting and recycling systems in an urban setting where none previously existed.

Having demonstrated a successful approach, the Alliance is now exploring how the model can be replicated in a further 30 cities across Java.
Facilitate Funding, Promote Partnerships

- Industry supports UNEP’s efforts to bring relevant stakeholders together to enable innovative, transparent funding approaches and support public-private partnerships.

- Circulate Capital Ocean Fund (CCOF), a $106 million fund investing in companies that prevent plastic pollution and advance the circular economy.

- APEC has developed a robust work stream on promoting investment in waste management systems and eliminating marine debris.
Support establishment of a clear vision and objectives

Complement existing multilateral agreements (Basel, Rotterdam, Stockholm).

Help coordinate and organize scientific information and harmonize monitoring methodologies.

Facilitate funding and promote public private partnerships.

No one-sized fits all solution to combatting marine debris.
Thank you

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