

AFRICA, A GLOBAL PRIORITY FOR SOLUTIONS TO MARINE LITTER: NO TIME TO WASTE

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ZERO HUNGER



Issue

- **30-40% of Food Produced is Wasted**

Solution

- **Plastic Packaging Needed to Reduce Food Waste**



CLIMATE ACTION



Issue

- **Climate Change**

Solutions

- **Light weighting => Fuel Efficiency**
- **Insulation of Buildings/Houses => Reduction of Fossil Resource Consumption**

LEAKAGE OF PLASTICS INTO THE ENVIRONMENT

The Problems → The Solutions

Human Behavior



Raise Consumer Awareness

Waste collection systems working badly



Proper Waste Management Systems

Use of landfilling



Zero Plastics to Landfill

LIFE ON LAND



Issue

- **Combat Waste Leakage Into the Environment**

Solutions

- **Waste management**
 - **Plastic Waste = Resource**
 - **Separate Collection + Innovation**
 - **Recycling + Energy Recovery**
 - **No Litter, No Landfill**
- **Raising Awareness**
 - **Educate Citizens**

LIFE BELOW WATER



Issue

- **Prevent Marine Pollution**

Industry Actions

- **World Plastics Council**
- **Marine Litter Solutions**
- **“Operation Clean Sweep”**

Global Challenges need Global Answers



**MARINE LITTER
SOLUTIONS**



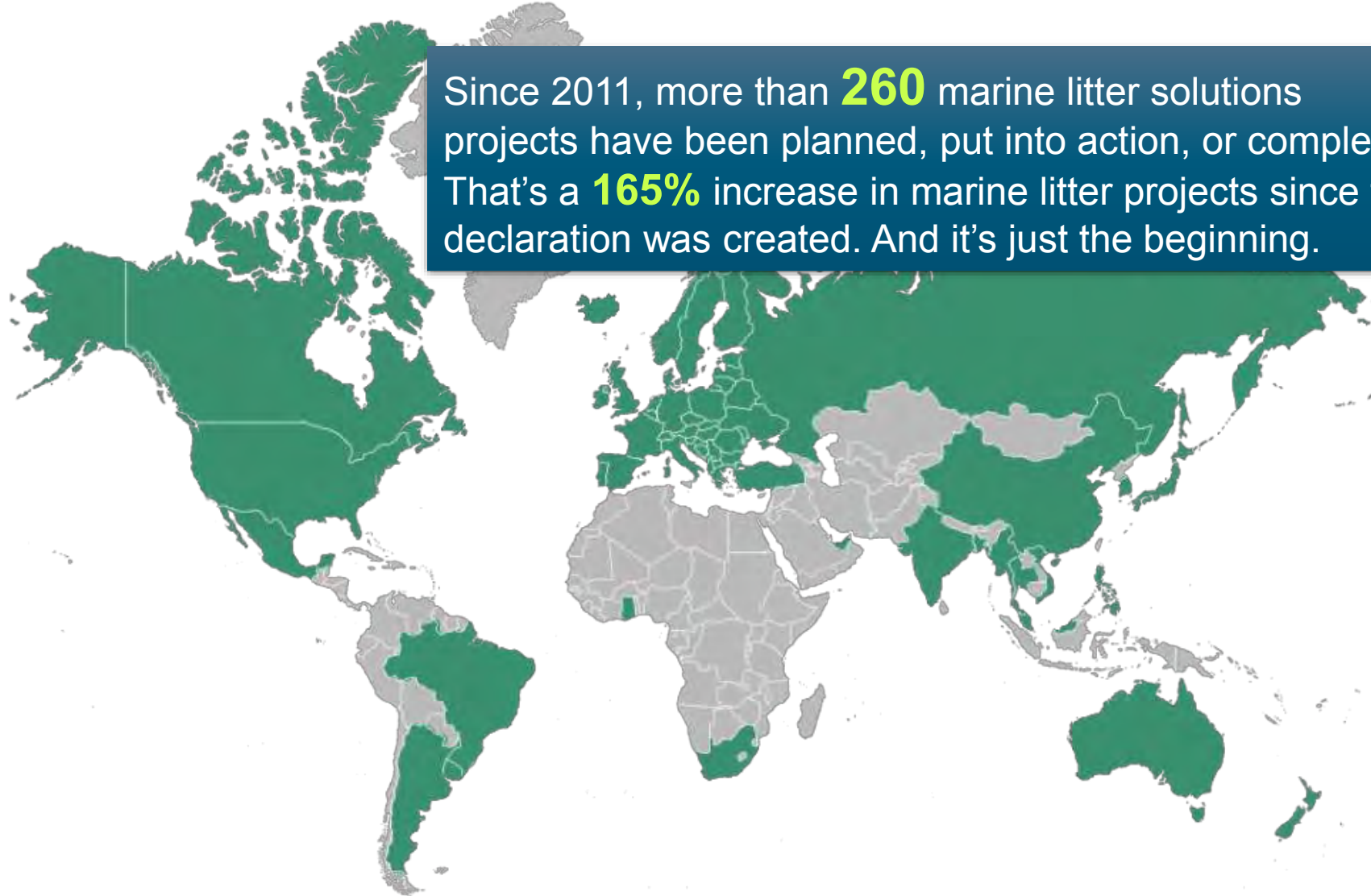
WORLD PLASTICS COUNCIL

COLLABORATION IS KEY



MARINE LITTER
SOLUTIONS

OVER 70 ASSOCIATIONS FROM 37 COUNTRIES



Since 2011, more than **260** marine litter solutions projects have been planned, put into action, or completed. That's a **165%** increase in marine litter projects since the declaration was created. And it's just the beginning.

WPC Members



GLOBAL PLASTICS ALLIANCE

Aligning Plastics Associations across the World

AFRICA IS A PRIORITY

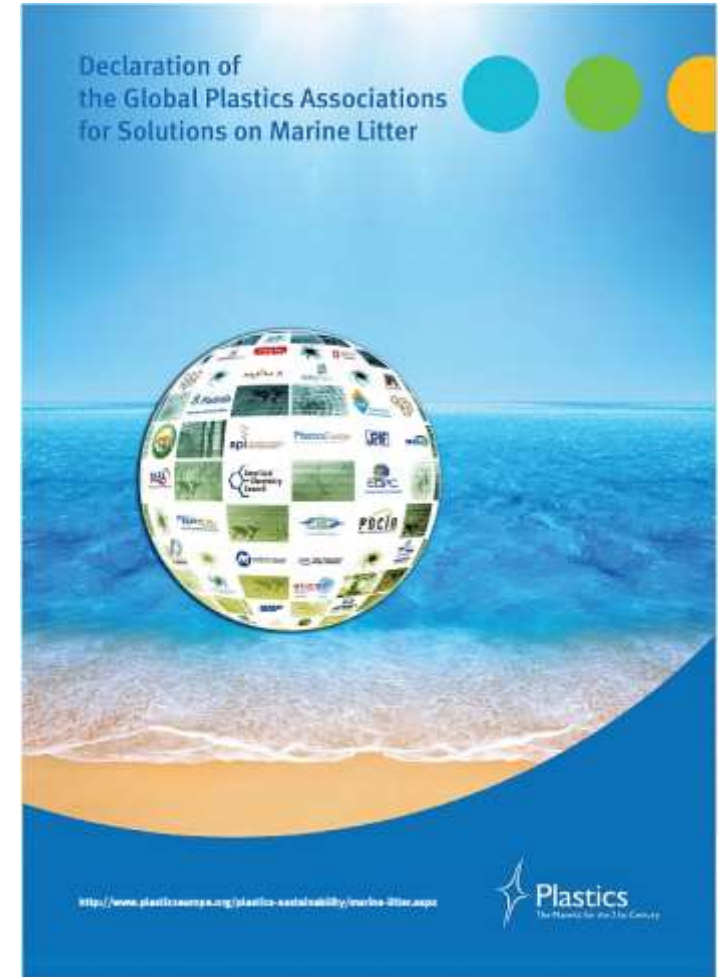
GHANA AND SOUTH AFRICA –
PART OF THE GLOBAL ACTION

DECLARATION FOR SOLUTIONS ON MARINE LITTER SOUTH AFRICA ACTIONS

Signatories to the Declaration:

- Plastics|SA – 2011
- Packaging SA – 2015
- Ghana - 2016

Plastics|SA



Marine Action

PLASTICS | SA TAKING ACTION

Plastics | SA



MARINE DEBRIS ACTIVITIES

Industry and Government Engagement

Constructive and effective engagement and collaboration with the waste management and recycling industry and stakeholders

- Plastics industry polymer groups (PETCO, POLYCO, SAVA, PSPC)
- Packaging SA
- National Recycling Forum
- Institute of Waste Management
- Research Institutions eg CSIR and DST
- National Department of Environmental Affairs
- Government departments on national, provincial and local levels



MARINE DEBRIS ACTIVITIES

Marine Education and Awareness

Work in partnership with stakeholders regarding plastics education and that plastics are taken out of the environment and being recycled

- Clean-up and Recycle SA Campaigns
- Water Week, World Environment Day, World Oceans Day, Clean-up week, Recycling Day SA, International Coastal Clean-up, Marine Week
- Development of educational materials on plastics and recycling
- Plastics exhibitions and workshops
- Media campaigns (print, radio, TV social)
- Plastics waste management and recycling training

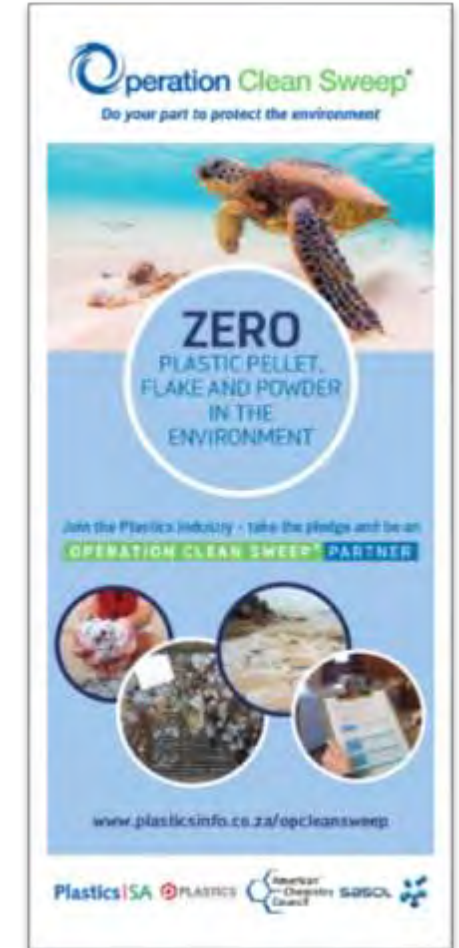


MARINE DEBRIS ACTIVITIES

Networks, Research and Best - practices

Support efforts to raise awareness on the problem of plastics in the environment and to mitigate measures to reduce the problem. To assist in research and monitoring to ascertain the scale and impact of plastics in the marine environment.

- Monitoring of marine debris
- Operation Clean Sweep (Zero Plastics Loss)
- Fish Line Bins
- Conferences and Networks
 - African Marine Waste Network
 - KwaZulu Natal Marine Waste Network
 - Marine and Coastal Educators Network



MARINE DEBRIS ACTIVITIES



- National Plastic Waste Management Forum 2017
- Dialogue Meetings with the Minister of Environment Science Technology & Innovations (MESTI)
- Dialogue with Environmental Protection Agency (EPA)
- Public / Media Sensitization



NATIONAL PLASTICS WASTE FORUM 2017

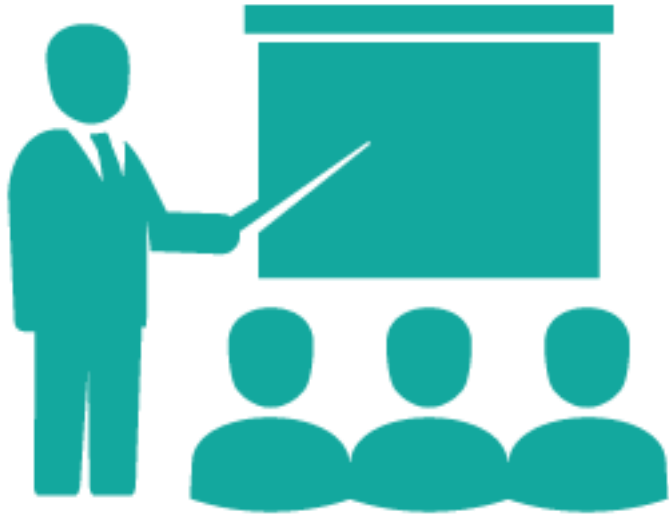
THEME: SETTING THE AGENDA FOR CLEAN GHANA AND OUR OCEAN

The forum brought together....

- Policymakers
- Regulatory Agencies
- Research Institutions / Academia
- Civil Society Organizations
- Donor Agencies



SOME KEY FINDINGS FROM THE FORUM:



- Developing a complete Attitudinal Change Communication Strategy
- Role out Source Separation of general waste
- Create incentives for scavengers and plastic pickers for recycling
- Development of key educational materials on plastic for Primary and Junior High Schools
- Consistent in Stakeholder advocacy | Sensitization | Forums | Coastal Clean Up Campaign | Coastal Peer Education
- International Collaborations in Conferences | Exhibitions | Workshops

PUBLIC AND MEDIA SENSITAZATION

STOP LITTERING CAMPAIGN

- School Projects
- Peer Education Campaign –
This Project is targeted at the Second Circle and Tertiary Institutions where peer-pressure is very serious to help cause a “Change your Peer”
- Artisanal (Artisans) Groupings: -
Mechanics, Hairdressers, Fashion Designers etc
- Religious Organizations and the Clergy to use their Pulpits to cause change in the attitude of the Citizenry on plastic littering that causes Marine Debris.
- Radio and TV stations
- Newsprint
- Online publications



MEDIA SENSITAZATION AND AWARENESS CREATION



Six (6) radio stations



Five (5) television stations



Twelve (12) different newspaper publications



Several online publications

GHANA MASSIVE BEACH CLEAN-UP – D2W SPONSORED BEACH

Clean Up @ Chorkor – Accra Ghana



CIRCULAR ECONOMY - FOSTER INNOVATION TO INCREASE CIRCULARITY & RESOURCE EFFICIENCY

**Innovation is
Key for a
Circular and
Resource
Efficient Europe**

Applying three guiding
principles

1

Full Life Cycle Thinking

2

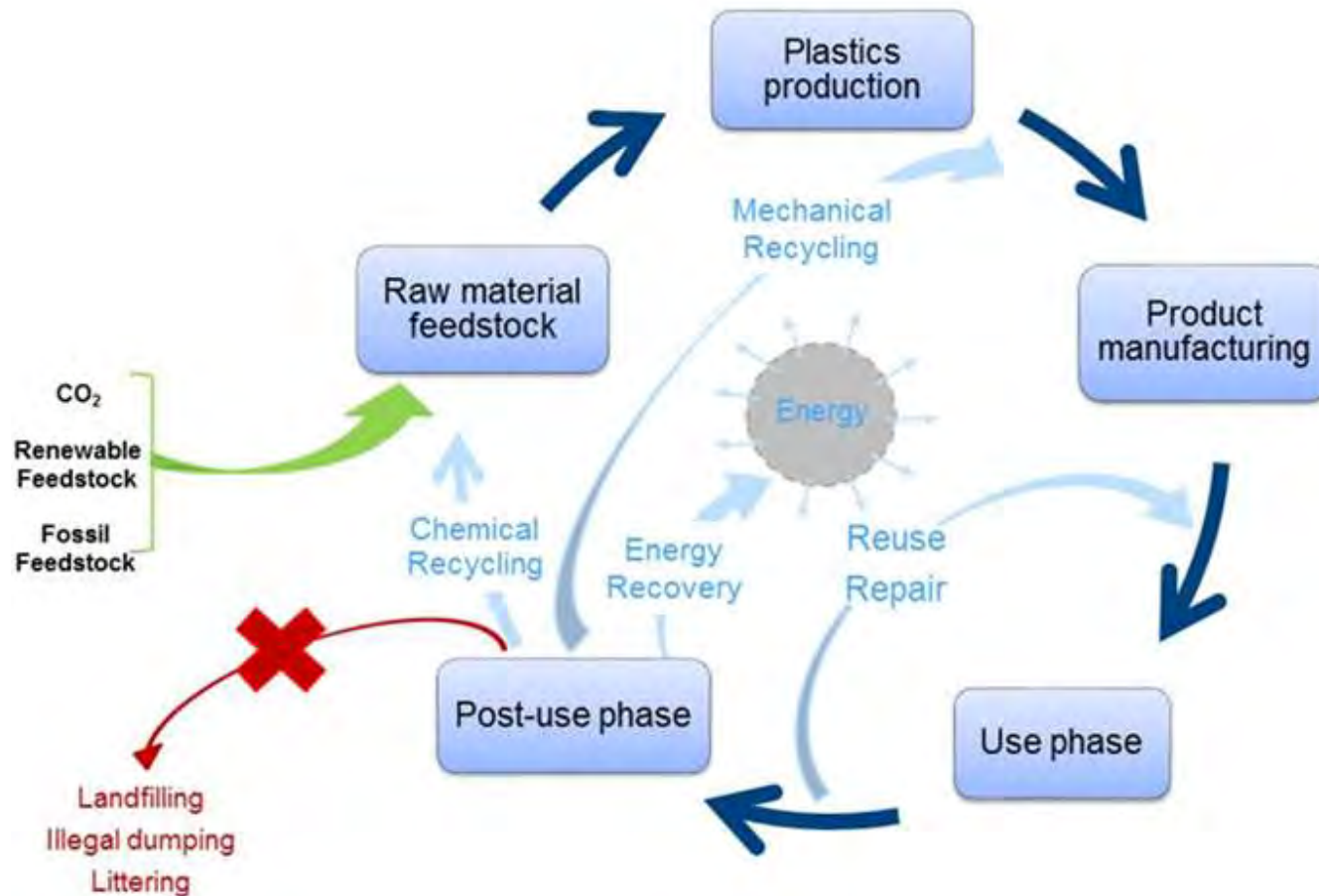
Environmental Protection and Societal
Wellbeing

3

Awareness Building

FULL LIFE CYCLE THINKING

Circular Economy → Preserve resources over a product's full life cycle





Rethinking the Future of Plastics – Marine Litter and the Circular Economy

PlasticsEurope
Association of Plastics Manufacturers



THANK YOU

Karl Foerster
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