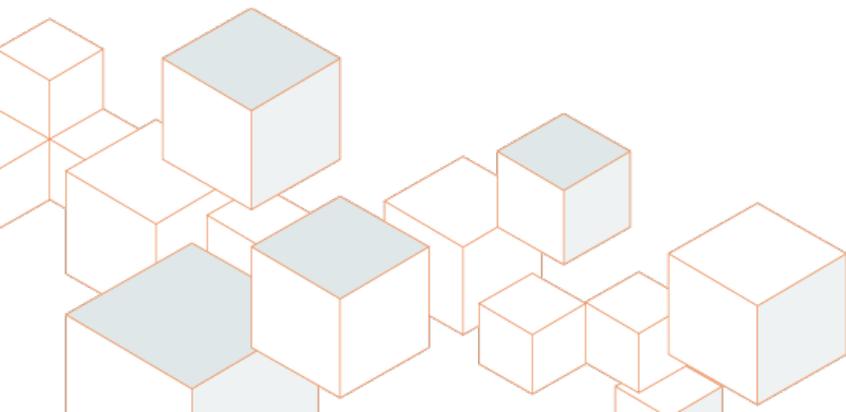


Marine Debris Solutions:

Creating Effective, Collaborative Partnerships to Reduce Litter



Declaration of
the Global Plastics Associations
for Solutions on Marine Litter



www.marinedebrissolutions.org/global



Declaration for Solutions on Marine Litter

- Announced at UN/NOAA's "5th International Marine Debris Conference"
- Outlines a six-point strategy for industry action
- Advocates close cooperation with a broad range of stakeholders to create solutions for the marine environment
- 58 associations from 34 countries, currently
- 140 projects identified, an increase of nearly 50% since 2011

Declaration Background

A decorative graphic in the top right corner of the slide, consisting of several 3D cubes of varying sizes and orientations. The cubes are rendered with orange outlines and light blue shading on their visible faces, creating a sense of depth and perspective. They are arranged in a cluster that tapers towards the top right.

Plastic and other litter in the marine environment is unacceptable

Plastic materials deliver significant societal benefits, including:

- energy and resource savings,
- consumer protection and
- innovations that improve health care, reduce food spoilage and improve quality of life.

For society to receive these benefits, it is essential to properly recover plastics so that litter does not threaten our natural environment, including marine ecosystems.

Declaration on Marine Litter



We will:

- Contribute solutions through **partnerships** to prevent marine debris;
- **Research** to understand scope, origin, impacts;
- Promote **enforcement** of existing laws to prevent marine litter;
- **Spread knowledge** of efficient waste management systems;
- Enhance **recycling/energy recovery** opportunities; and
- **Steward plastic pellets** from supplier to customer.

140 actions launched



Europe/Gulf/Africa	45 %
America	31 %
East Asia/India/Australia	24 %

Litter prevention, clean-ups and education

Research

Recycling and recovery

Pellet loss prevention program

Litter Prevention, Clean-ups and Education



you live

inspire,
us to make
d play the
want it to be.



Vacances Propres (France)

Association create
industry and retail
tourists to respect e



advertised on this website, please send us the details. Its free!

ts are already happening all around SA!

.Diary page for activities in your area!

7 September 2011). It aims to increase awareness by educating the environmental and economic benefits of recycling

www.recyclingday-SA.co.za

Cuaderno de bitácora

Educ... to raise
awa... children in sailing
club



Spiagge e Fondali Puliti (Italy)

One day per year of
beach cleaning





U.S. Education

“Caps On” Communication

- Association of Postconsumer Plastic Recycler & Closure and Container Manufacturers Association Partnership
- Targets collection/recycling of highly littered plastic caps



Recycling from Top to Bottle

Empty & Replace Cap plasticsrecycling.org



Research

GESAMP Assessment of the impact of microplastics in the marine environment

GESAMP
Joint Group of Experts on the
Scientific Aspects of Marine
Environmental Protection

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Science for sustainable oceans

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Environmental Quality Standards
[Read all about it here!](#)

The Chairman's newsletter
GESAMP Newsletter on marine developments. [Read more](#)

Are you an expert?
We need your expertise in all things marine! [Click here to join](#)

UN UNEP FAO UNESCO IOC UNIDO WMO IMO IAEA UNDP

News from Gesamp

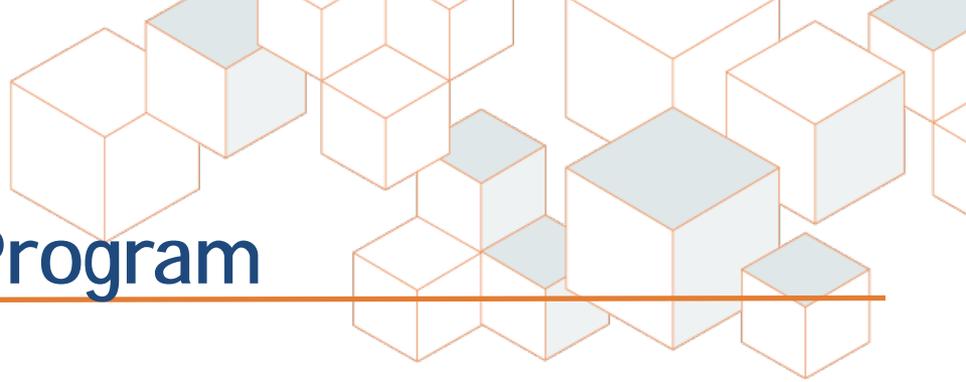
- 11 Nov 2010 **GESAMP Workshop on Microplastic particles**
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- 28 Oct 2010 **UIWGA Ad Hoc Working Group of the Whole**
GESAMP was present at the second meeting of the UIWGA Ad...
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The Joint
Group of
Experts on the
Scientific
Aspects of
Marine Environmental
Protection (GESAMP)

Advisory body of the
United Nations system



Pellet loss Prevention Program

Operation Clean Sweep

- North American Plastics Alliance
 - *American Chemistry Council - Plastics Division*
 - *Society of the Plastics Industry*
 - *Canadian Plastics Industry Association*
- Voluntary Best Management Practices
- Technical assistance for all steps of the supply chain
 - Posters, BMP Manual, Employee Check Lists
 - Implementation tools available at no cost @ www.opcleansweep.org
- Codified in California (AB258)

U.S. Recycling: Value Chain Action

Sustainable Packaging Coalition

- Consumer label for package recycling
- Label based on UK WRAP label

American Chemistry Council

- Benchmarking and Data Collection
- Recycling Collection and Reach Report
- Retailer Outreach and Best Practices: Film & Rigid recycling

Association of Postconsumer Recyclers

- PE Film, Thin Walled Rigid, & Bottle Design for Recycling Guidelines
- Added confidence for retailers and brand companies



Plastics Recycling is Growing in U.S.

2.6 Billion lbs of plastic bottles collected (2011)

- Recycling increase every year since 1990s
- 94% access to plastic bottle recycling

1 Billion lbs of plastic bags & film collected (2011)

- Up 50% from '05
- 91% access to PE bag at retail stores
- 72% access to all PE bag/film/wraps at retail stores

Plastics Recycling is Growing in U.S.

934 million pounds of rigid plastics collected (2011)

- Up 167% in just 4 years from '07, 13% from '10

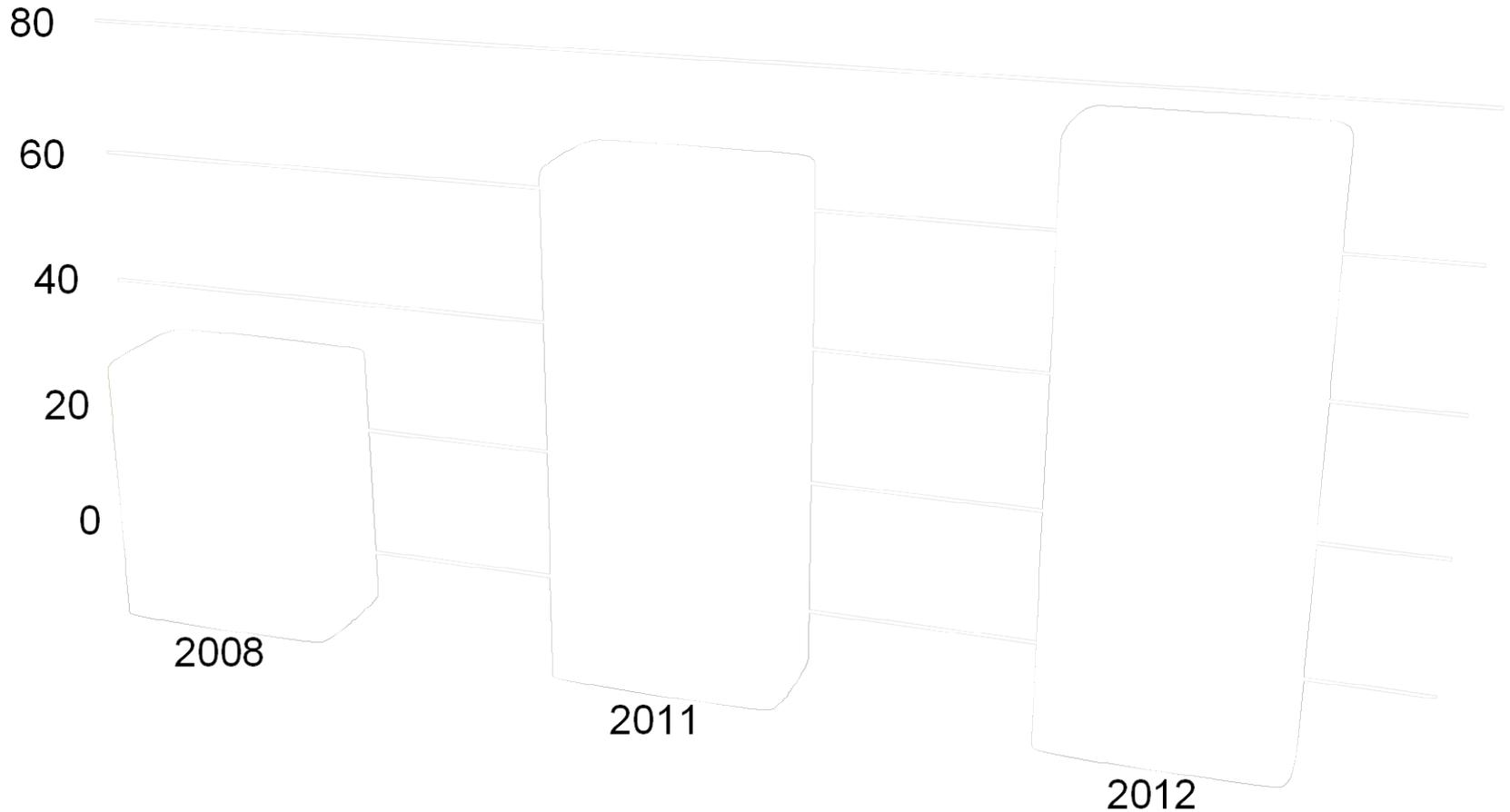
Significant increase in communities

- 2007: 25% of large cities; 2012: 50%
- California: > 66% can recycle all plastic containers curbside
- ~57% access to all plastic bottle and all non-bottle rigid containers

Even More Cities Collect Rigid Plastics

100 Most Populous Cities: Plastic Recycling Collection Programs

■ All Bottles ■ Bottles & Containers ■ All Rigid Plastic





Virginia Communities that Recycle Rigid Plastics (in addition to bottles)

65 Communities Surveyed:

- 12 collect “All Rigid Plastics” (e.g., Fairfax, Falls Church, Alexandria)
- 17 collect “All (plastic) Bottles and Containers” (e.g., Newport News, Roanoke, Front Royal)
- 7 collect “(bottles and) Specific Plastics” (e.g., Chesapeake, Bristol, Norfolk)
- 31 communities have curbside collection of plastic, the remaining are drop-off

For more information

US:

www.marinedebrissolutions.com

International Programs &
Declaration Progress Report:

www.marinelittersolutions.com