



# The Global Action Plan for Solutions on Marine Litter – Spreading Knowledge on Waste Management

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Declaration of  
the Global Plastics Associations  
for Solutions on Marine Litter



[www.marinedebrissolutions.org/global](http://www.marinedebrissolutions.org/global)



## Declaration for Solutions on Marine Litter

- Announced at UN/NOAA's "5<sup>th</sup> 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, approx.
- 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 shaded faces, creating a modern, geometric aesthetic.

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

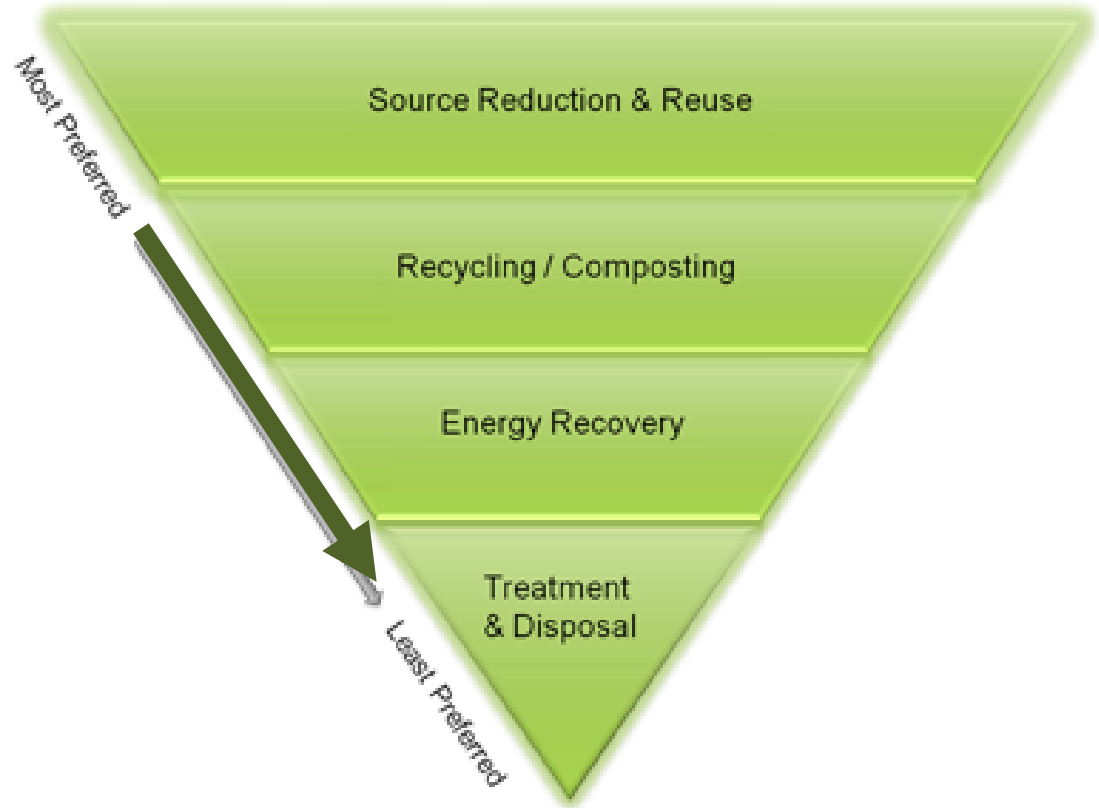


We will:

- 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.

# Most Preferred

## Waste Management Hierarchy



Least Preferred

## Waste Management Hierarchy

Reduce

Reuse

Recycle

Energy Recovery

*Graphic: US EPA*

# Vacances Propres – Clean Holidays



- **Founded in 1971**
  - Non-profit association
  - joint effort by the packaging and consumer goods sectors
- **Goal:** Prevent litter, mainly in holiday areas
- **Actions:**
  - Provide local authorities with **bags & bins**
  - Educate consumers through **communication** campaigns



# Plastics Recycling is Growing



- 2.6 Billion pounds of plastic bottles collected (2011)
    - Recycling increase every year since 1990s
  - 1 Billion pounds of plastic bags & film collected (2011)
    - Up 50% from '05
  - 934 million pounds of rigid plastics collected (2011)
    - Nearly tripled since 2007
    - Dramatic increase in collection
      - ~60% access to HDPE, PET, LDPE, PP non-bottle rigid containers
      - Access doubled since 2007 in large cities
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# Keep America Beautiful's National Campaign

## *"I Want to Be Recycled"*

- ACC founding sponsor
- Partnership w/ AdCouncil
- TV, Radio PSAs
- Outdoor Ads
- Web Banner

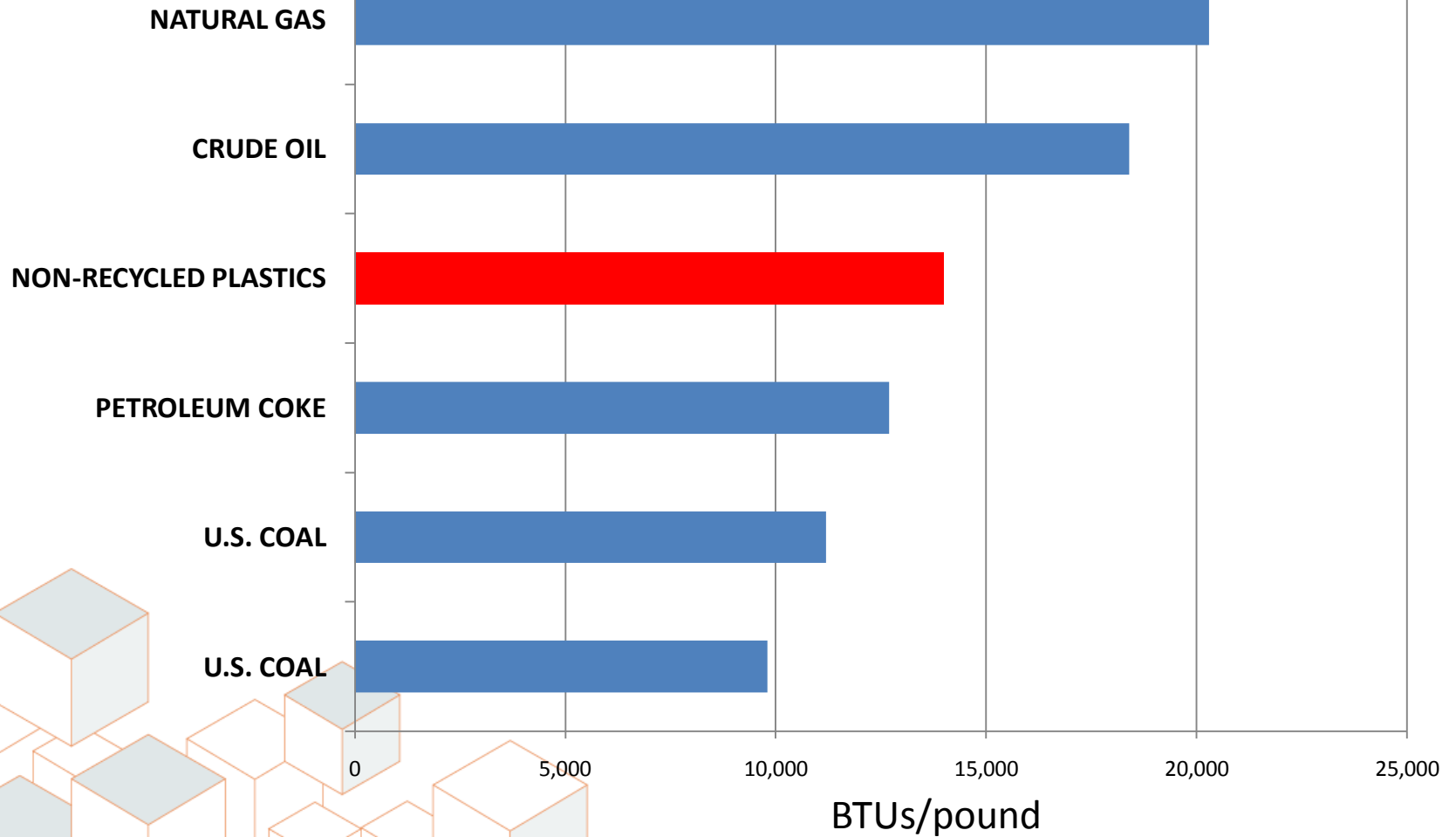


[www.iwanttoberecycled.org](http://www.iwanttoberecycled.org)



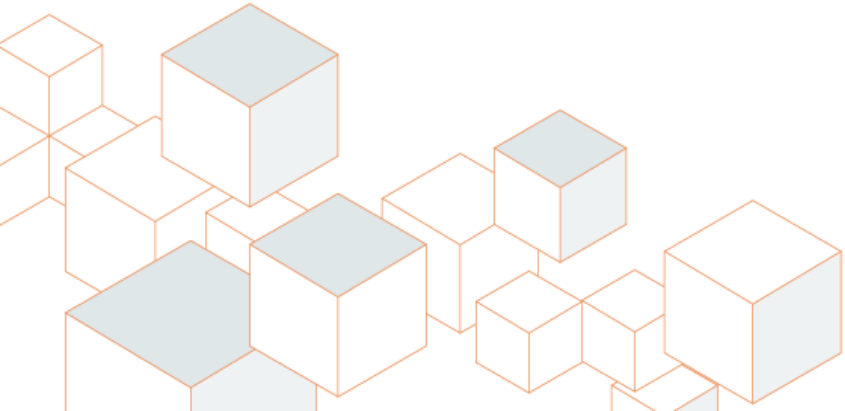


# Plastics are Captured Energy



# Energy Recovery Technologies



- Mass burn waste-to-energy
    - Product - electricity and steam
  - Engineered solid fuels
    - Product - alternative solid fuel and coal/coke replacement
  - Plastics-to-fuel
    - Product - synthetic crude oil and fuels
  - Gasification (emerging)
    - Product(s) - electricity and/or fuels (ethanol) and chemicals
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# Spreading knowledge of efficient waste management systems

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## Energy Recovery Part of the System

- We support Reduce, Reuse, Recycle then Energy Recovery
- Following Plastics to Fuel presentations spread knowledge
- Additional work will be needed

# For more information

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**US:**

**[www.marinedebrissolutions.com](http://www.marinedebrissolutions.com)**

**International Programs &  
Declaration Progress Report:**

**[www.marinelittersolutions.com](http://www.marinelittersolutions.com)**