



COASTLINES  
IN BALANCE



# ZERO PLASTIC

WORLD NETWORK OF BIOSPHERE RESERVES



Marine Sciences For Society

## IX MEETING OF THE WORLD NETWORK OF ISLAND AND COASTAL BIOSPHERE RESERVES

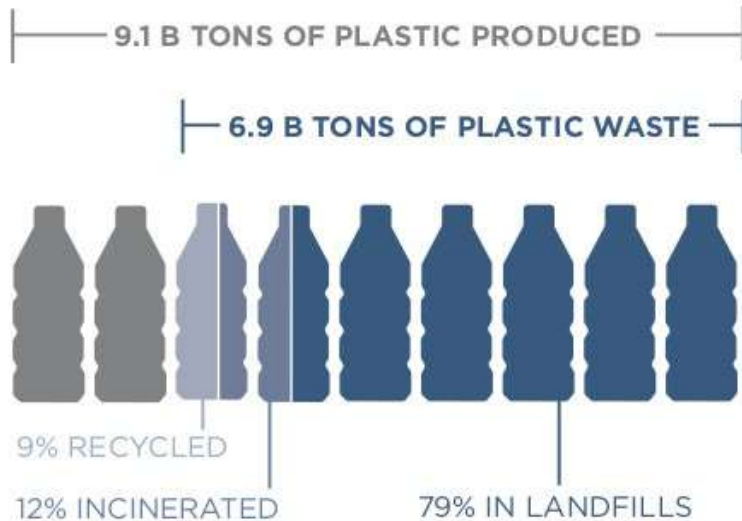


MINISTERIO  
PARA LA TRANSICIÓN ECOLÓGICA

ORGANISMO  
AUTÓNOMO  
PARQUES  
NACIONALES



- **Plastic pollution, a growing global threat**
- Plastic production and pollution continues increasing and affecting all corners of the planet...Marine and coastal areas are particularly affected.
- Plastics make up more than 60% of the debris that accumulates on beaches and coastlines.
- Impacts on terrestrial and aquatic biota and on human health.



• (The Earthday Network, 2018)



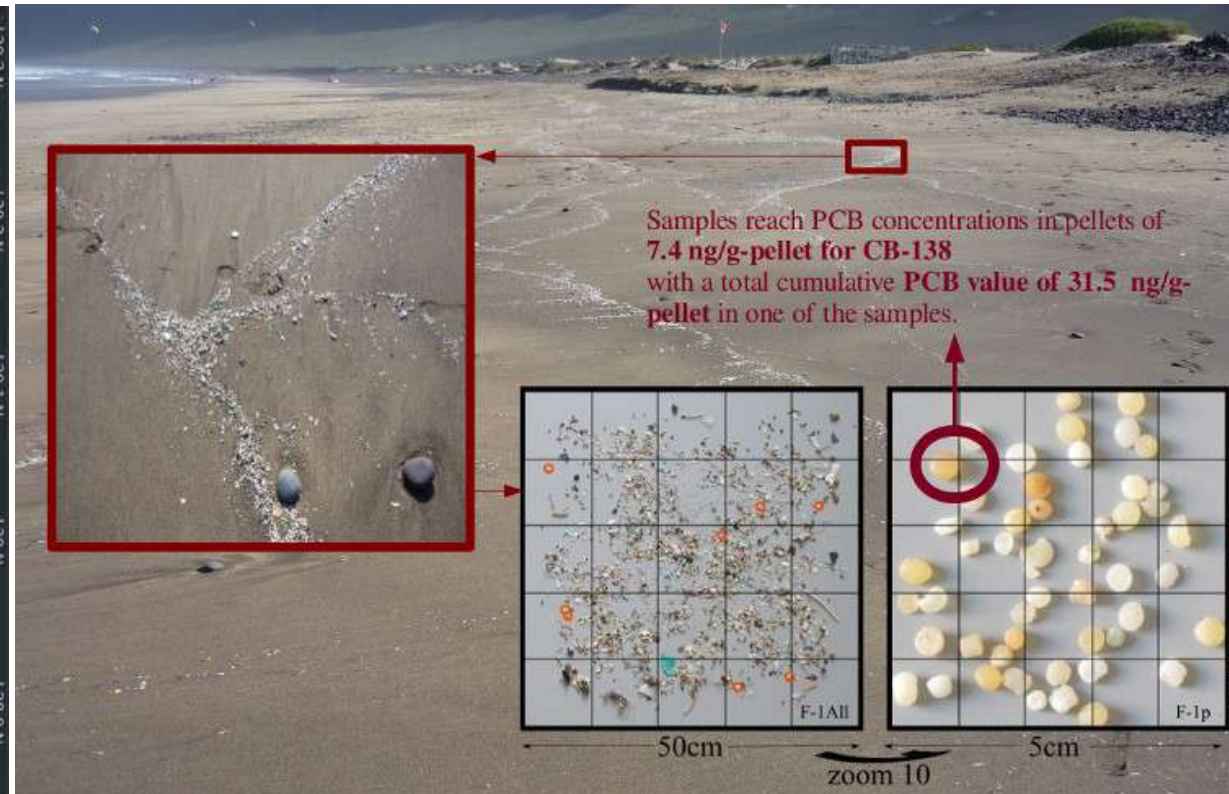
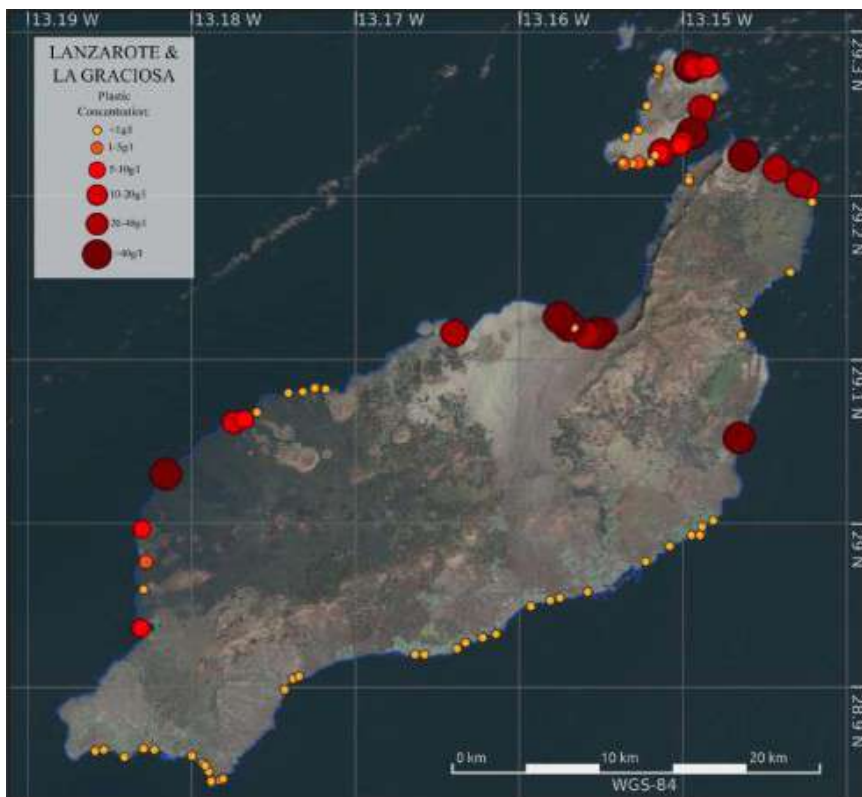
Photo by Zero Plastic, CC-BY-SA

**To face the problem we need an integrative framework to:**

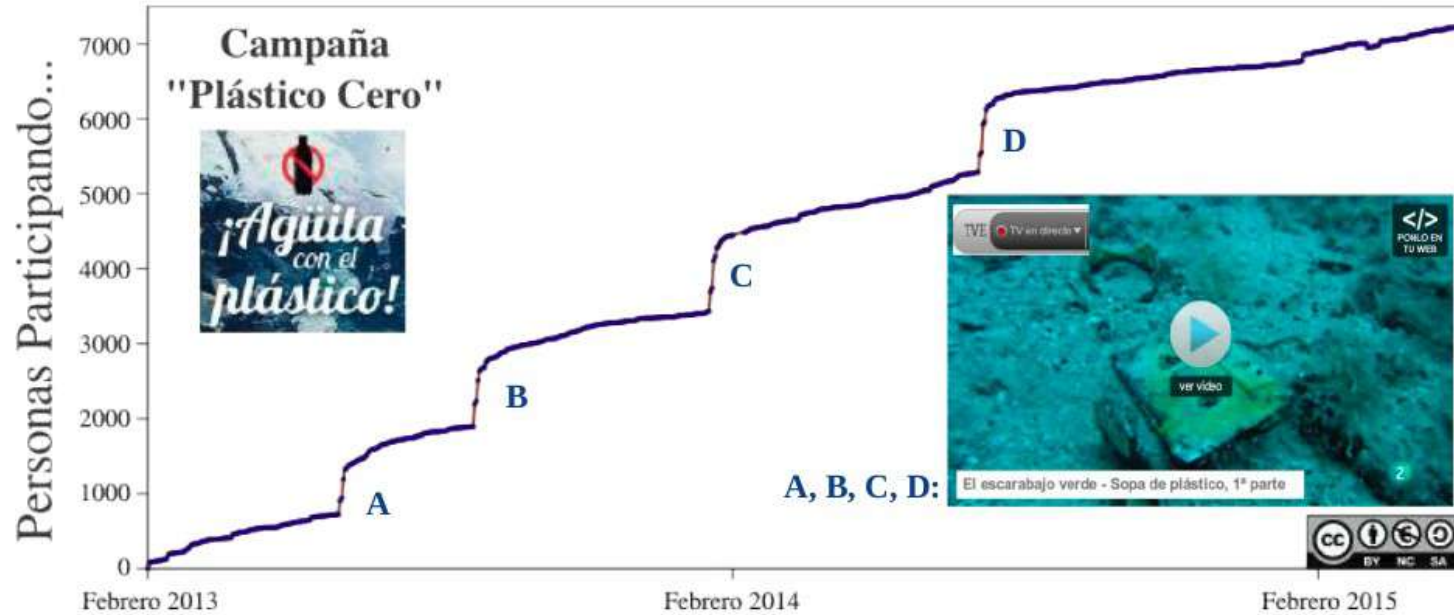
- (i) assemble and connect communities in impacted areas with available scientific and policy-relevant knowledge, and validated information from media;**
- (ii) implement plastic-related environmental legislation from local to international scales;**
- (iii) engage all sectors of society in creating transformative pathways to reconnect our behaviours with their impacts.**

# ZERO PLASTIC...

...Lanzarote & Marine Sciences For Society 2008







- For ten years Lanzarote has set in place a collaborative research process, including scitizen science and other methods of data collection, education and awareness raising. ("Mind the plastic!")

And science...

A banner for the MICRO 2016 conference. On the left, a silver bowl filled with food (possibly fish and vegetables) is shown, with a silver fork resting on the rim. The food is garnished with small, colorful, irregular pieces representing microplastics. The background is a light blue textured surface.

# MICRO 2016

**Fate and Impact of Microplastics in Marine Ecosystems:  
From the Coastline to the Open Sea**

International Conference, Lanzarote, Spain 25 - 27 May 2016

**MICRO2018**  
INTERNATIONAL CONFERENCE  
19-23 NOVEMBER 2018 LANZAROTE



**FATE AND IMPACTS OF MICROPLASTICS: KNOWLEDGE, ACTIONS AND SOLUTIONS**

# VIII WNICBR Meeting in MENORCA (2018)



Call for a Working Group:

**Zero Plastic in Islands  
and Coastal Zones**

Marine pollution workshop: Peter (Isle of Man) and  
Anastasia (Commander Islands)



# Working group set in place...

- **Formal agreement between Menorca and Lanzarote BR on behalf of the WNICBR and Marine Sciences for Society**
- **Weekly meetings of the coordinating team**







First BR to take part: Archipelago Sea Area, Blekinge Archipelago, Cat Ba Archipelago, Commander Islands, Fuerteventura, Gran Canaria, Isle of Man, Jeju, Karst and Reka River Basin Biosphere Reserve/Park Škocjanske jame, La Hotte, Lanzarote, Menorca, Ometepe, Palawan, Península de Guanahacabibes, Terres de l'Ebre, Urdaibai ...



# EuroMAB Dublin (April 2019)



Workshop: Tackling plastic pollution



**ZERO  
PLASTIC**  
WORLD NETWORK OF BIOSPHERE RESERVES



 **EuroMAB  
Conference  
DUBLIN 2019**

**Press release: 10 April 2019**  
**ZERO PLASTIC: CALL FOR ACTION**  
EuroMAB Conference DUBLIN 2019  
World Network of Biosphere Reserves

# Outcomes...

## Big Ideas:

- Make it simple.
- Take it easy.
- Lead by example.
- Turn off the tap.
- Enough is enough.

## Actions for each of Us as Biosphere Reserves:

- . Zero Plastic Family
- . Zero Plastic Educational Institutions (schools, universities...)
- . Zero Plastic Government

## Commitments:

- . Press Release.
- . Zero Plastic Working Group regular meetings.
- . Web-tools (app, wiki, sharing space...).
- . Newsletter.
- . Open to the Biosphere Reserves and networks that wish to join Us in the effort.



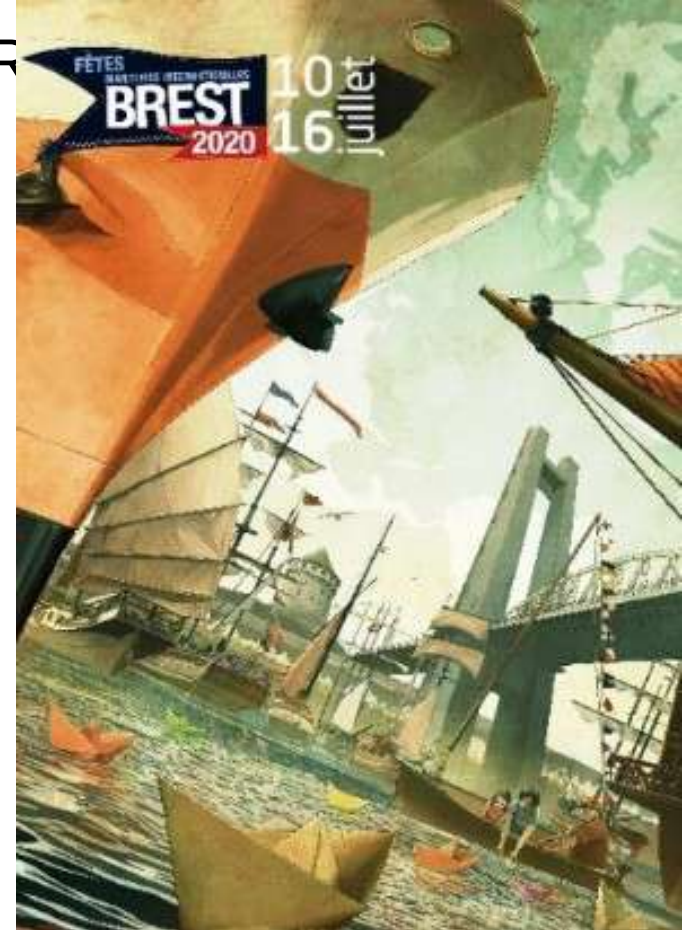
# Where are we?

- Present the initiative and invite every interested BR to take part in the process
- EuroMAB (Apr 2019)
- IX WNICBR Meeting in South Africa (Sep 2019)
- Spanish BR Network (Sep 2019)
- ...
- Defining a roadmap for tackling plastic pollution in our BR and beyond (communication tools, educative paths, boosting alternatives, ...)

# Next appointments...

- Brest, July 2020 (Maritime Fest) (Iroise BR)
- Lanzarote MICRO 2020, November  
(international conference on plastic  
pollution)
- Next WNICBR Meeting, 2020

# MICRO 2020



# THANK YOU!

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