

“The experience of Chile in tackling marine plastic litter from sea-based sources”



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# NATIONAL PROSPECTIVE

Chile has a strong maritime identity, with a large sea dependence on commercial trade.

Last decades it has developed a strong policy to protect the Ocean in line with international instruments and SDG`s.

Marine plastic pollution is a major concern where joint efforts and strategic alliances play an important role.

Foreign trade by shipping **+94**

MPA´s coverage.

**43%**

out of EEZ Surface.



**Land area**  
757.950 Square Kilometers

**Coastline extending**  
**+ 4.300 Kilometers**

**Exclusive Economic Zone (EEZ)**  
3.409.122 Square kilometers

**Search and Rescue area´s responsibility**  
26.476.005 square kilometers

Main activities :Mining cooper -fisheries -Aquacultu

# Scientific evidence...

Since 1979 + 60 research publications on different topics related to plastic pollution in aquatic environment.

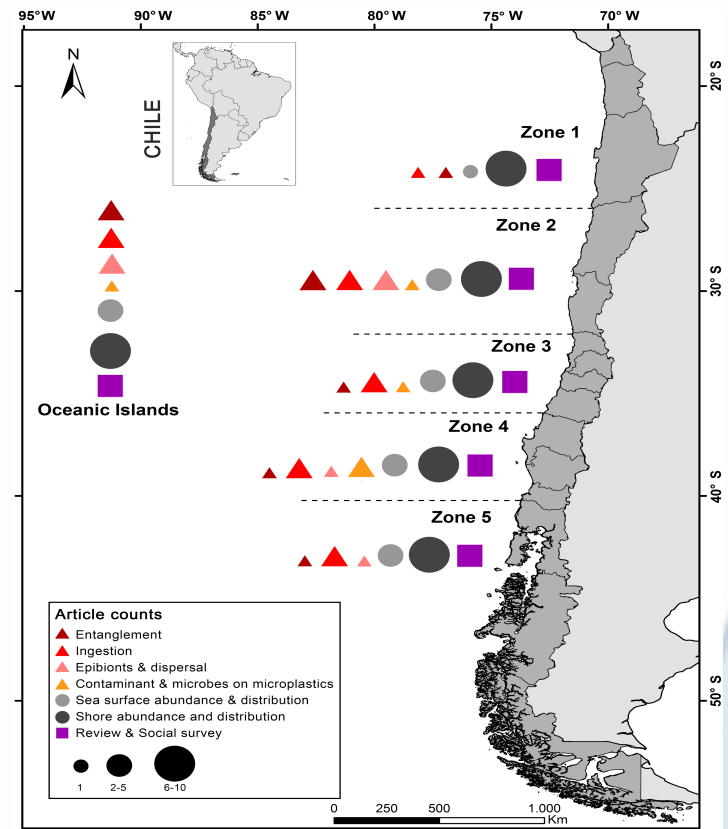
## Main findings:

Most of the floating plastics in coastal waters of the South-east Pacific have their origin in nearby urban areas.

Most marine litter in Chile comes from local sources.

On oceanic islands and in oceanic waters, most recognizable marine litter items are plastics that come from the open sea, fisheries and the continental coast of South America.

Beach visitors, fisheries and aquaculture activities identified as common sources of anthropogenic litter.



Source: A country's response to tackling plastic pollution in aquatic ecosystems: The Chilean way . Wiley-Journal. 2020.

Research areas:

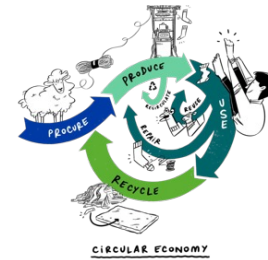
Biotic interaction – abundance and spatial distribution- contaminants

Ecosystems:

Rivers-coastal waters-beaches -  
Oceanic waters - Oceanic Islands

# Policy framework...

## ROADMAP FOR A CIRCULAR CHILE BY 2040



### INTERNATIONAL COLLABORATION



## NATIONAL STRATEGY FOR MARINE LITTER AND MICROPLASTIC MANAGEMENT 2021-2030

- Identification of waste generators from land/sea-based sources.
- Implementation of voluntary and mandatory instruments
- Encourage private sector on prevention and waste management techniques
- Promote international cooperation, exchange information and technical assistance
- Capacity building and sharing knowledge amongst stakeholders involved in waste generation and management
- Research and innovation of new methodologies and solutions for monitoring, prevention, reuse and recovery.

### ACHIEVEMENTS



# Strategic Alliances



Scientific Plastic pollution Alliance of Chile (SPLACH Network)

+ 80 scientists from all over Chile, specialists in plastics and their effects on ecosystems.

+ 20 research institutions along the country.

Scientific advisers for Multilateral Agreement negotiations (INC)

Public awareness

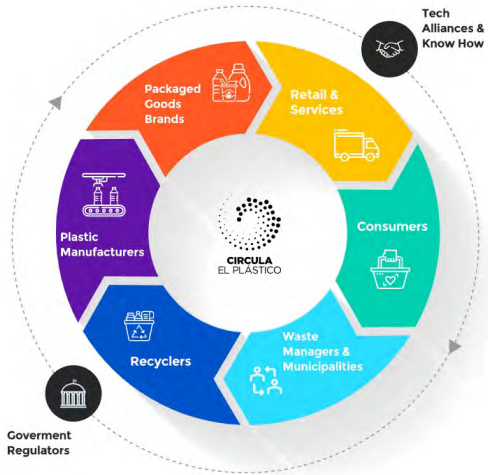


REDES DE AMERICA  
PROGRAMA DE RECICLAJE DE REDES, PESCA Y ACUICULTURA

Net recycling, fishing and aquaculture programme

Argentine, Chile, Ecuador, Mexico, Peru and Panama

Recycling more + 4.500 tns of discarded fishing nets by 2024



Chilean Plastics Pact (PCP)

+ 55 stakeholders in the value chain.

collaboration and innovation to propose new ways of manufacturing, using, reusing and recycling plastics.





Thank you!

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