

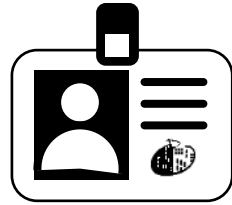


Embracing circularity:  
challenges and advantages  
of islands in waste  
management

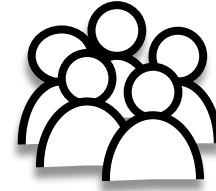
**ZERO WASTE ISLANDS, 04/03/2023**



ACR+



100+  
members



+1,100  
municipalities  
represented



25  
years of  
experience

in 25  
countries 



# CITIES AND REGIONS ARE BRIDGING ACTORS

SINCE 1994, ACR+ HELPS CONNECTING THE DOTS OF CIRCULARITY



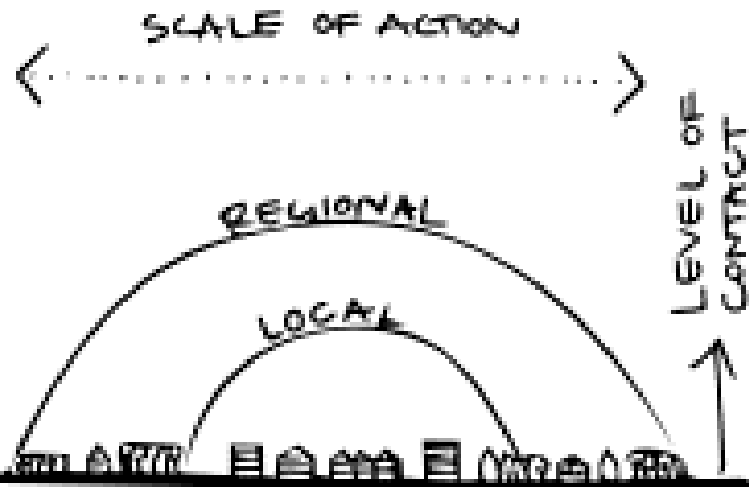
direct access to political hierarchies and decision makers

constant interaction with citizens and civil society organizations



democratic legitimacy to broker between conflicting interests

direct influence on some elements of the social-ecological system (infrastructure investments, rules of economic interactions, etc)





## IN A NUTSHELL

- 14 partners from 8 countries (CY, GR, IT, ES, MT, HR, BE, FR)  
9 islands
- systematic effort to properly **identify**, **address** and **mitigate** the effects of the **seasonal variation of waste generation on MED islands**



**Monitoring phase** (plastic pollution, wastewater, waste characterization study)



**Testing phase** (design, development and monitoring of pilot actions)



**Transferring phase** (engaging tourists, tourism industry and local authorities)



## Our work with islands - 2

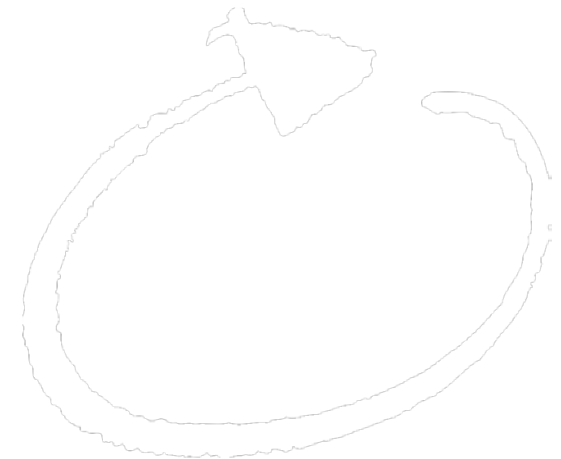
# TOURISME IN A NUTSHELL



Co-funded by the COSME programme of the European Union

Transnational schemes supporting tourism SMEs and based on capacity building, knowledge transfer and scaling-up of activities for sustainable growth. 3 core supporting activities, based on the specific needs of each SME:

- ❖ Face-to-face and online capacity building trainings and mentoring on energy efficiency, resources consumption, circular solutions, waste management, eco-design, green procurement, mobility or social innovation;
- ❖ Matchmaking SMEs to create synergies business-to-business (B2B) which will facilitate the exchange of good practices among SMEs and technology and sustainable solutions providers;
- ❖ Facilitating access to environmental certifications, in particular promoting environmental certifications and other EC initiatives, such as EMAS, EU eco-label, ETIS or EDEN.



**Some lessons learnt**

# The advantages of insularity

a proximity effect



# Coordination of regional and local policies

- ▶▶ **Compulsory separate collection of biowaste**, including staged capture rates targets, aiming at collecting, at least 105 kg of biowaste per inhabitant by 2018.
- ▶▶ An **increase of the landfill tax** from the minimum set up in Italian law back then (10€/t) to the maximum (25.8€/t).
- ▶▶ The introduction of a **bonus/malus system on the cost of residual waste** management, to reward or penalize municipalities on the basis of their performance.
- ▶▶ The promotion of **door-to-door** as the preferred model for separate collection of waste, along with pay-asyou-throw schemes and home composting
- ▶▶ A comprehensive regional **strategic public procurement plan**

**From 2003 to 2016: Separate collection rates increase from 3.4% to 60.15%**  
**Residual waste decreased from 500 kg to 176 kg per inhabitant**







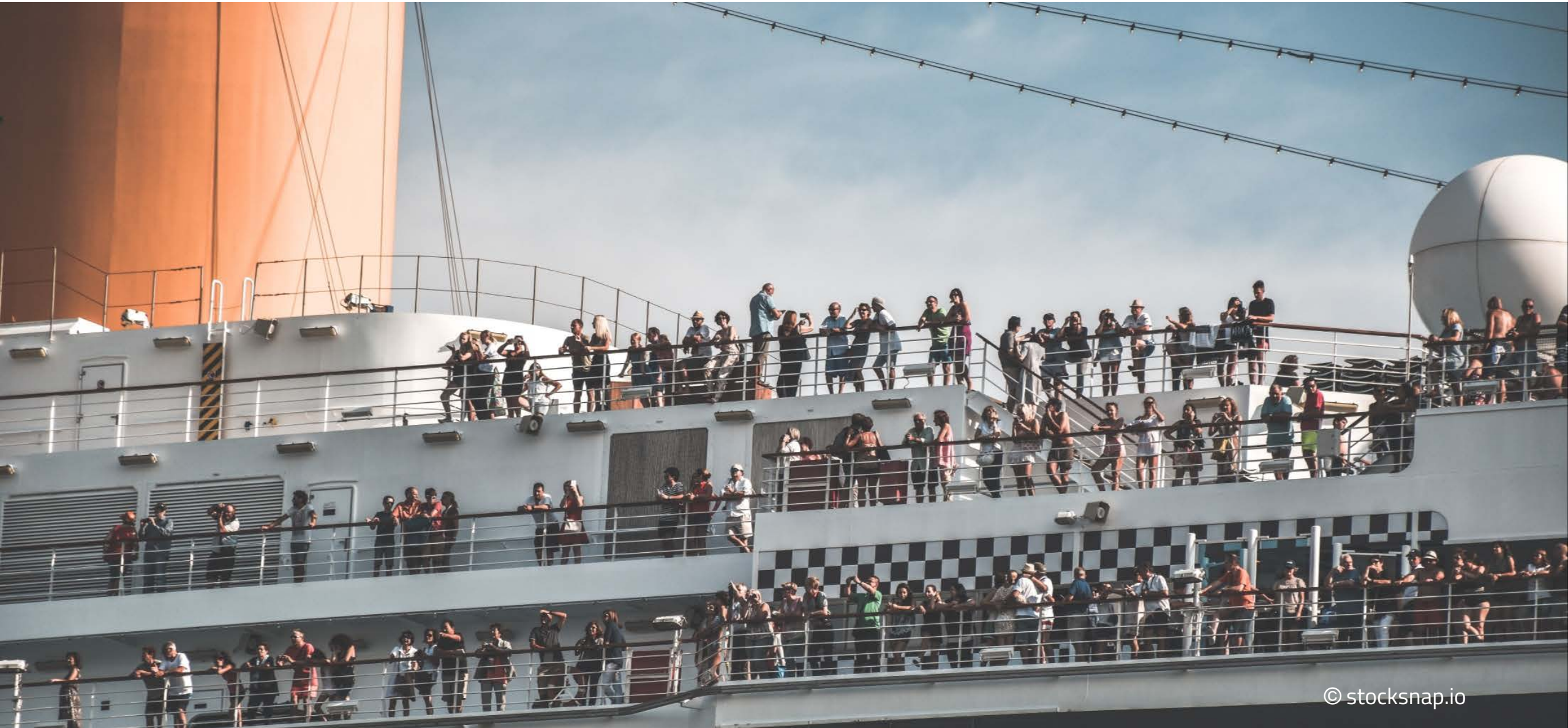
# Porquerolles - MED-3R actions

## **technical solutions tested at pilot level:**

- \* 28 pre-diagnosis among restaurateurs on type and rates of generated waste
- \* test of thermal waste composter, and solar waste compactors for non-recyclable waste on the island

# A large number of non residents

blurred target for informations - balance for treatment units



# Krk - tourist & community engagement

## Households and hotels

- \* Provide necessary bins for the rented accommodations
- \* Introduce the waste collection system to tourists
- \* Take care about separate waste collection timetable
- \* **#bluebagKrk**  
Tourists and sailors are called to collect a bag of garbage during the course of a season, participate to a photo competition and encourage their friends to do the same



# Tourism, waste and circularity - looking ahead

Greater consensus towards 'ecological transition' measures, linking citizens engagement and support to help SMEs reach sustainability targets/performance

Need of:

- More targeted and agile policies, providing the right incentives to promote sustainability
- Integrated policy/industry/community approach
- Are local approaches providing the right key?
- How EU enabling frameworks (WFD, Farm to fork, ...) can support circular economy islands



## Let's keep in touch!

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<https://blueislands.interreg-med.eu/>



<https://tourisme-project.eu/>



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