Islands dealing with waste

Francesco Lembo

ACR+

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Plastics and cigarettes' butts are kings of MED islands summers

- Other paper items: 0.7% (NS*)
- String and cord (Ø <1cm): 1.5% (FA)
- Crisp/sweet packets/lolly sticks: 1.5% (ST)
- Cutlery/trays/straws: 1.7% (ST)
- Caps/lids: 3.6% (ST)
- Pellets: 9.3% (NS)
- Macroplastics (2.5 - 50cm): 8.4% (NS)
- Microplastics (<0.5cm): 11.1% (NS*)
- Mesoplastics (0.5 - 2.5cm): 34.6% (NS*)
- Cigarette butts: 12.7% (ST)
The alarming spread of microplastics

Average concentrations of MPs for each beach:

- Sicily
- Rhodes
- Mykonos
- Crete
- Mallorca
- Rhodes
- Malta
- Sicily
- Mallorca
- Cyprus
- Crete
- Cyprus
- Crete
- Mykonos
- Mykonos
- Sicily
- Mallorca
- Malta
- Rhodes
- Malta
- Cyprus

Distribution of the different types of MPs:

- Fragment
- Fiber
- Film
- Foam
- Aggregate (Agg)
- Others (n.i.)
- Microbead

40.4%
54.9%

Seasonal variation of the MPs according to the type of beach:

Low season

High season

Low season

Number of tourists x 100,000

MPs/kg of dry sand

Feb Mar Apr May Jun Jul Aug Sep Oct Nov
So, how to make tourism a driver for sustainability?
The advantage of insularity

a proximity effect
Sardinia - 2008 Regional WMP

* The Region sets a target separate collection rate. Municipalities below the target have a surcharge on the residual waste disposal cost, while those above the target rate receive a bonus on it.

* Increase of the landfill tax from 10€/t, the minimum set up in Italian law to 25.8€/t.

* Promotion of door-to-door as the preferred model for separate collection of waste, along with pay-as you-throw schemes and home composting.
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.
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
BLUEISLANDS CHARTER OF COMMITMENTS

➔ Presented in the European Parliament on 11/04/2018
➔ Signed by 12 local and regional authorities of MED insular and coastal areas
➔ Support of 5 MEP and of SEARICA EP Intergroup
➔ Strengthening cooperation opportunities for MED islands committed to Circular Economy policies

To become a signatory of the charter: blueislands.interreg-med.eu
Future challenges?

➔ Ambitious standards, followed by adequate incentives
➔ Poor/bad management of waste is the main cause of its dispersion at sea: increased dialogue and coordination between the different levels of public administration is needed!
➔ Continued monitoring of policies’ impact
➔ Community engagement
➔ International & multistakeholder cooperation!