



Islands dealing with waste

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ACR+

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The impact of insularity

logistics – capacity - marine litter from neighbouring areas



The Sardinia case

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





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**

Sardinia – PAYT & door-to-door

Promotion of door-to-door as the preferred model for separate collection of waste, along with pay-as you-throw schemes and home composting



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Sardinia - organic waste

Citizens

Compulsory separate collection of biowaste, target of 105 kg per inhabitant by 2018

Public Authorities

Support farms to use compost in agriculture;
Purchase of composted soil improvers as part of their public ecological purchases

The advantage of insularity

a proximity effect



Krk Eco Island

Krk Island's municipalities and **Ponikve** started a new door-to-door collection system in 2005.

Ponikve now separates about 45% of the collected waste.





Krk - the strategy

1st stage, 2014-2016

- * organic and residual waste
- * separate bins to households
- * removal of street bins

2nd stage, ongoing

- * organic waste, paper, PET waste, glass and other
- * **6,500** containers + **7 POSAM**, separate collecting points
- * citizens rewarded with **0.50 kn** for each packaging product
- * after **2018** waste will not be allowed to be disposed in Treskavac landfill

Krk – tourist 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





Krk – Community engagement

#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



A large number of non residents

blurred target for informations - balance for treatment units





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

Porquerolles – engaging intermediaries to catch tourists

- * Experimentations with 13 restaurants and establishment of a composting protocol
- * Making port authority the flag bearer and voice against marine litter and marine pollution
- * All port staff has received training about environmental management
- * Involving schools in clean-up activities about marine debris found in the port, with the help of the local scuba diving associations

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Future challenges?

**Ambitious standards and incentives;
Community engagement;
International & multistakeholder cooperation!**



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