









### **EUROPEAN MARITIME DAY**











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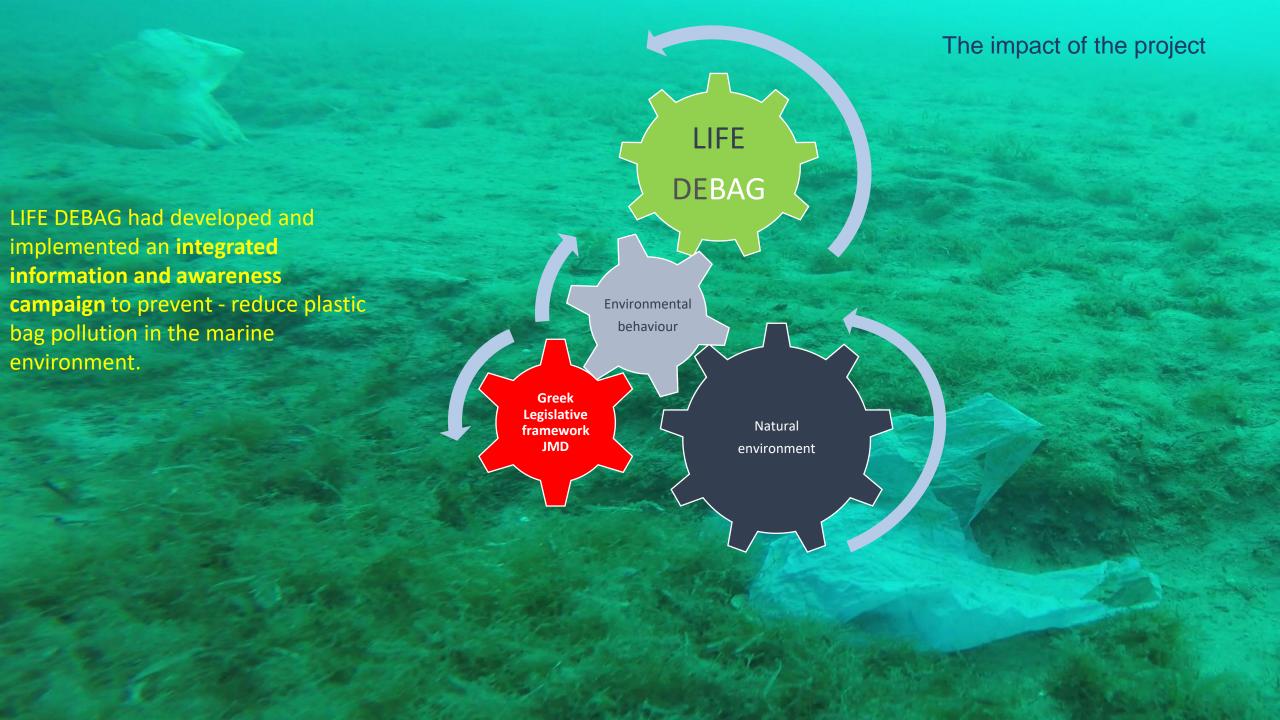








Den Helder 20-21\_5\_21





National-wide awareness campaign







# Free plastic bag weeks









Musical events, educational games, exhibitions by school students and students of the University of the Aegean, were combined with important lectures by scientists and distinguished guests, such as Dr Francois Galgani



# **Environmental Education 6909** students **56** schools participated in educational seminars



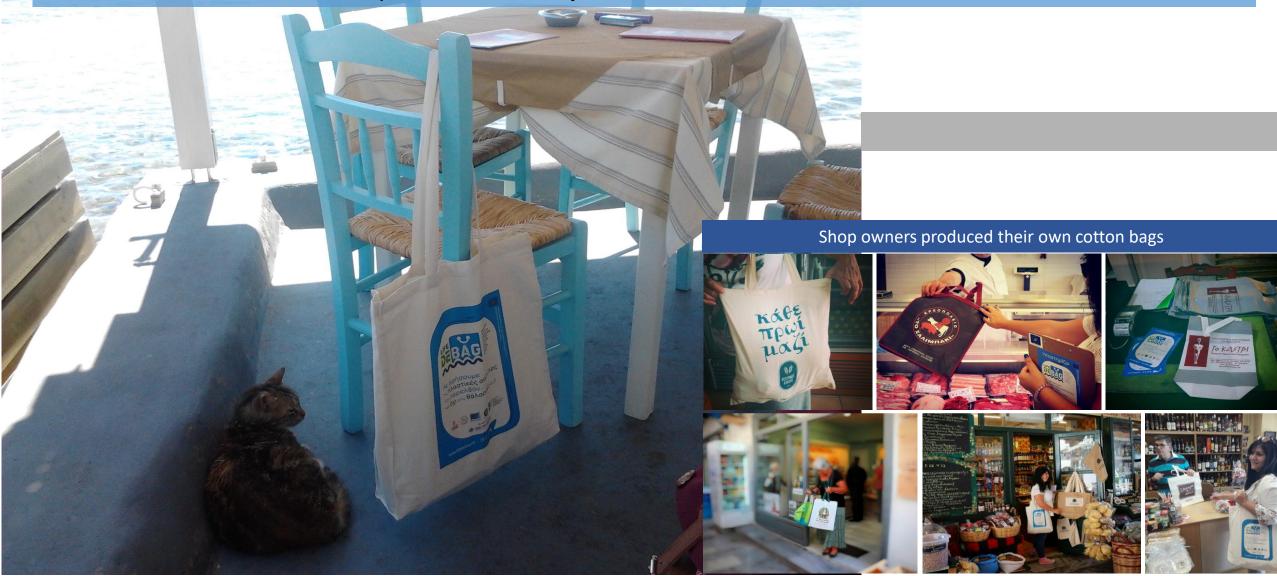


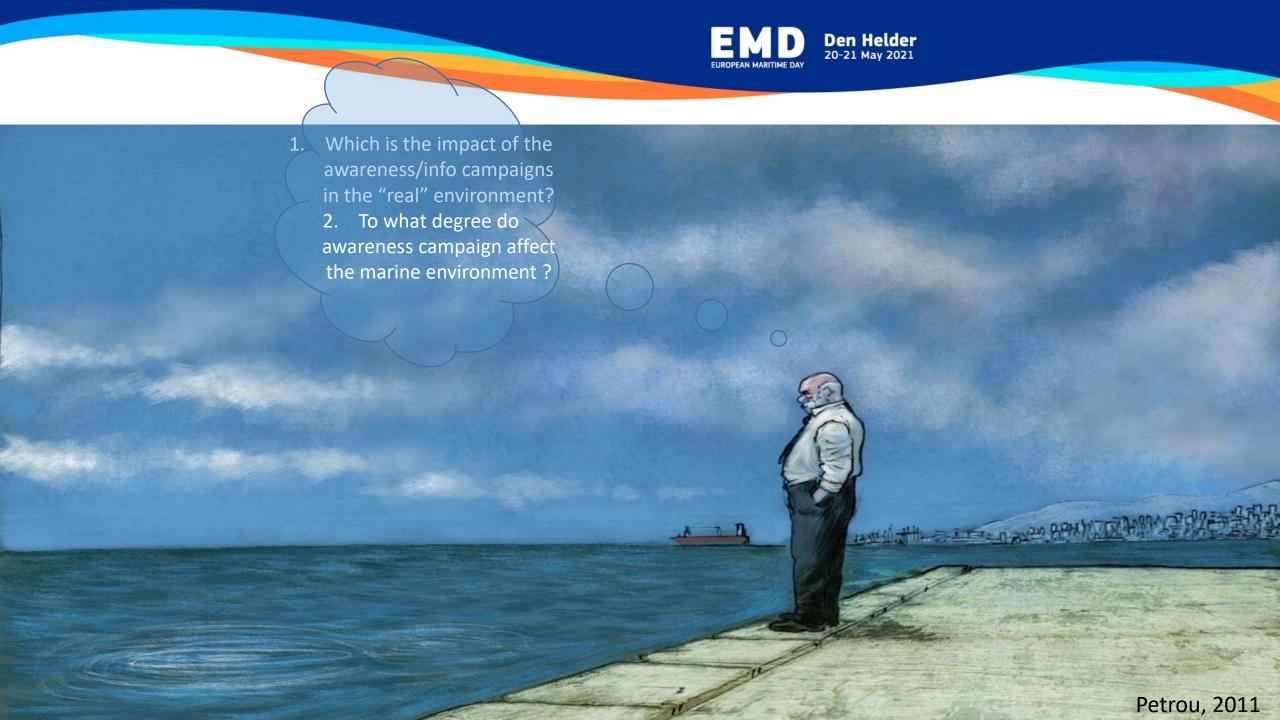
### Door-to-door campaign in 4.410 households and 522 shops





13,500 information leaflets and about 12,000 durable, cotton, reusable carrier bags were offered for free to residents and visitors and retail professionals of Syros Island





Which is the "footprint" of the campaigns on the marine environment?



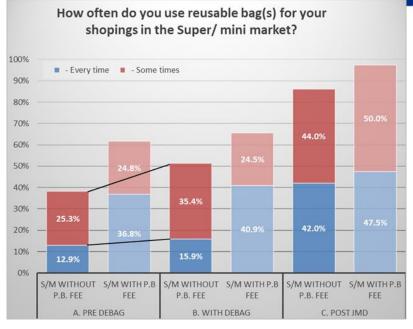
### Timeline of Questionnaire and Field surveys

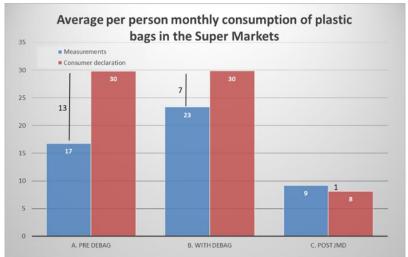




















## Airborne drone beach litter surveys





# 85% reduction in plastic bag accumulation rates 56% reduction in marine litter accumulation rates

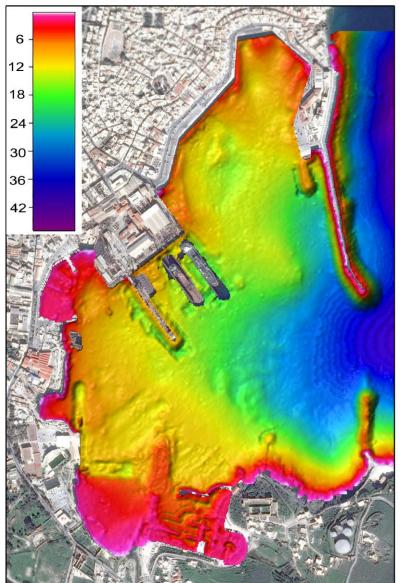








### Ermoupolis harbour basin bathymetry

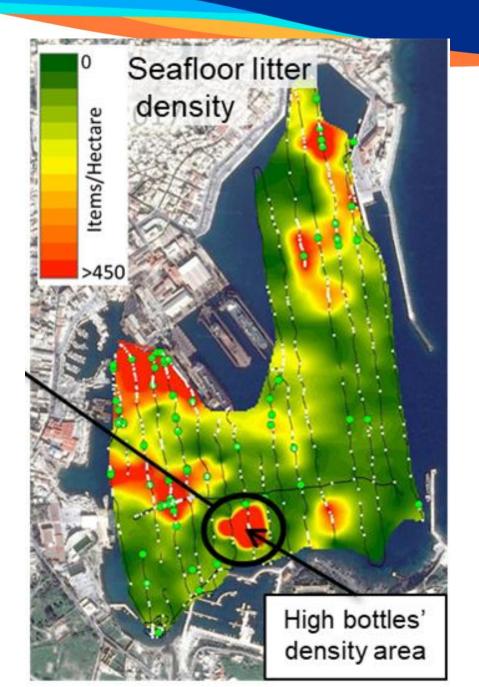


Ermoupolis harbour basin seafloor morphology





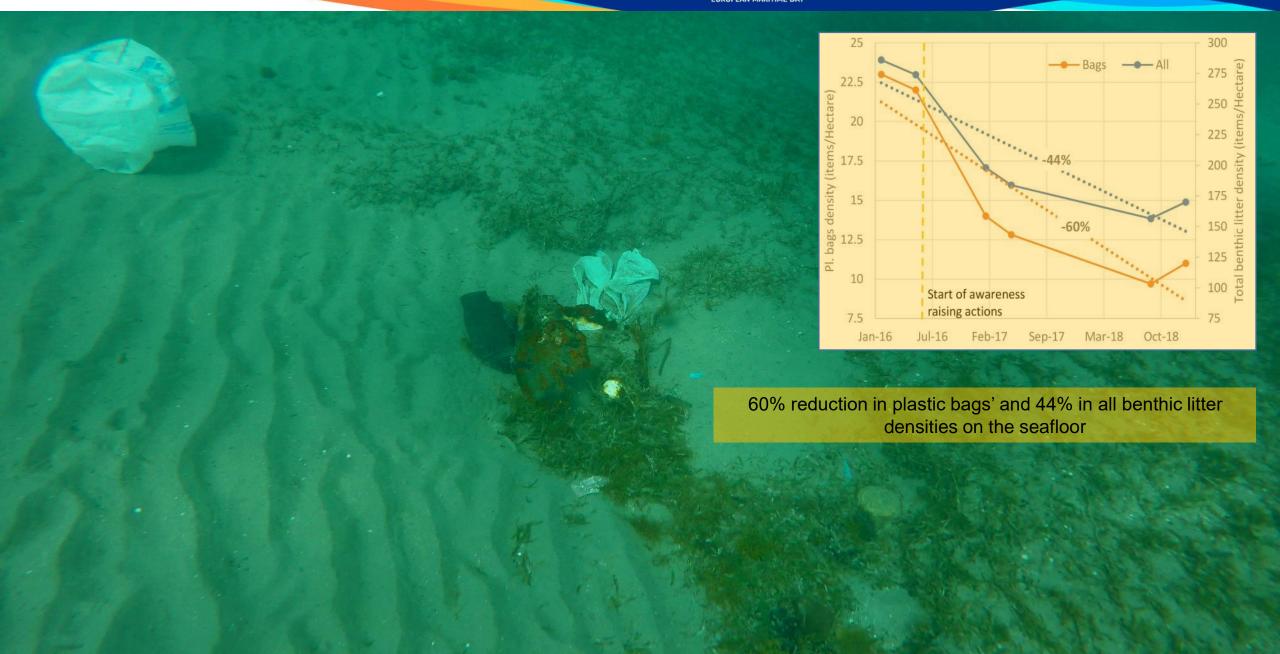






Plastic bags' seafloor density maps of Ermoupolis bay for all sampling periods during the 3 years duration of LIFE DEBAG. Hot-spots correspond to bathymetric depressions, shipyards, marinas and high traffic harbour docks

- ✓ 1000 hectares
- √ 72 km tracklines
- √ 3100 benthic litter (10% plastic bags)





Impact of LIFE DEBAG on the Joint Ministerial Decision (JMD) 180036/952 / 08.10.2017 (Government Gazette B 2812 / 08.10.2017) to constitute compliance with European Directive 2015/720





Recommendations to the ministry on measures to be taken in order to reduce plastic bag consumption were submitted to a special hearing dedicated to single use plastic carrier bags of the Hellenic Parliament's special Committee for the Environment





