



BIOCLEAN

Case Studies collected by the International Conference on Prevention and Management of Marine Litter in European Seas. Berlin, 10-12 April 2013.

Global	
Geographical area targeted:	
Scale of Implementation:	Global
Commencement Date:	2012-09-01
End Date	2015-08-31
Objectives:	Remediation Understanding the problem
Type of Initiative:	Research and Development
Type of Marine Litter targeted:	Plastic waste
Location of the litter targeted:	All
Land based sources targeted:	Solid waste managers and companies Industry & Businesses
Sea based sources targeted	None
Brief Description of the Initiative:	<p>BIOCLEAN is a European Funded Consortium under the FP7 programme. BIOCLEAN includes 19 partners from 9 different and widely distributed European Countries and 1 from China.</p> <p>Biodegradation of synthetic plastics can occur in nature, in sediments and marine environments as well as in landfills, compost and soil. The process is governed by the polymer characteristics, the organisms available and the surrounding environmental conditions. However, the knowledge on the biodegradation of major synthetic polymers is still very limited and fragmented. BIOCLEAN strategy is aimed at deepening the scientific understanding on the biodegradation of such materials in natural environments and waste disposing facilities and exploring the feasibility of biotechnological solutions for the effective and sustainable disposal of plastic waste. In particular, the consortium will focus on PVC, Polystyrene, Polypropylene and Polyethylene.</p>
Responsible organizations:	University Bologna
Partner organizations:	University of Applied Sciences - Northwestern Switzerland - FHNW (CH), Technical University Of Crete (GR), Helmholtz Centre for Environmental - Research (DE), MADEP SA (CH), Internationales Hochschulinstitut Zittau - IHIZ (DE), University of Ostrava - OU (CZ), Centre National de la Recherche Scientifique - CNRS (FR), Polish Academy of Sciences - PLIPOC (PL), Organic Waste System - OWS (BE), Felsilab S.r.l. - FELSI (IT), Biobasic Environnement - BBE (FR), Environmental Protection Engineering S.A. - EPE (GR), Nanjing University - NJU (CN), Inter-Municipal Corporation For Solid Waste Management Of Chania - DEDISA (GR), Maritim Miljø-Beredskap AS - MMB (NO), PlasticsEurope - PLASTEU (BE), SIMA-tec GmbH - SIMA (DE), HAVFORSKNINGSINSTITUTTET - INSTITUTE OF MARINE RESEARCH - IMR (NO)

MARLISCO



Stopping Marine Litter Together

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Financing:	The project is funded by 7th Framework and supported by the participating partners.
Project URL and other sources of information:	http://www.biocleanproject.eu/
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