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| Project Title | Marine debris removal and preventing further litter entry | |
| Acronym | MarineClean | |
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| Associated WP | WP7 Dissemination activities | |
| Associated Task | Task 7.3 Participation at the conferences, meetings ... | |
| Deliverable | D7.9 Synopses of project results | |
| Coordinator | TURNA | |
| Partner responsible | TURNA | |
| Partners involved | | |
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1 INTRODUCTION

This deliverable intends to briefly (on two pages) present project results. A list presented here will be published at the project's web site marineclean.eu

The coordinator will make sure, that the web site will remain active for at least 2 years after the project.

2 SYNOPSES OF PROJECT RESULTS

The main results of the MarineClean project are:

- BIODEGRADABLE PACKAGING MATERIALS:
 - o established production of biodegradable plastic packaging material at EcoCortec: EcoCortec produced around 8.5 tons of biodegradable packaging materials in time of the project
 - o increased efficiency in production at EcoCortec - less industrial waste
 - o tested biodegradation of EcoOcean® material in natural marine conditions in Adriatic and in Baltic Sea
 - o tested biodegradation of EcoOcean® material in laboratory conditions
 - o widely promotion of EcoOcean® material
 - o increased sale of EcoOcean® material
 - o development of injection moulding grade EcoOcean® material - entry into new market for EcoCortec
 - o saving of 12 tons of fossil fuel due to use of biobased sources for plastic material
 - o waste minimization: 1 ton of material was spared due to less industrial waste (decrease from 40% to 21%)
 - o decrease of production price per 15 % in respect to baseline at the beginning of the project
 - o development of marketing strategy and business plan for biodegradable packaging produced at EcoCortec
 - o envisaged production in 2016 is 38 tons of biodegradable plastic films
 - o break-point envisaged in 2 years (in year 2016) after the project ends
- MARINE LITTER REMOVING EQUIPMENT
 - o development and testing of various types of MarineClean litter removing equipment
 - o testing different concepts of the equipment:
 - with magnets and without them,
 - with metal and plastic side parts
 - for trawling with one and two vessels
 - for standing net
 - use of recycled material for production of the equipment
 - o establishing production line at Turna
 - o production of light and easy to operate equipment
 - o increase of efficiency in production at Turna - less industrial waste
 - o creating trade mark "MarineClean NET"
 - o first market application of four types of "MarineClean NET" products:
 - MarineClean NET 6 (*trawling net*),
 - MarineClean NET 12 (*trawling net*),
 - MarineClean NET 24 (*trawling net*),
 - MarineClean NET Static (*standing net*).
 - o entry into new market for Turna

- development of marketing strategy and business plan for litter removing equipment named "MarineClean NET" produced at Turna
- envisaged production in 2016 is 1750 pieces of equipment, in 2018 reaching more than 3000 pieces annually
- break-point envisaged in 4 years (in year 2018) after the project ends
- decrease of production price per 20 % in respect to baseline at the beginning of the project
- FISHING NETS
 - development of fishing net made of biodegradable material
 - development of fishing net with magnetic imparts to distract sea mammals and sharks
 - extensive searching for industrial partner interested and capable of starting production of newly developed fishing nets
- NETWORKING
 - international cooperation of eight partners from three EU countries: Slovenia, Croatia and Lithuania
 - development and signing of exploitation agreement among project partners in order to avoid any misunderstanding in time after the project
 - cooperation among industry, private research organization, universities, public research organization and science and technology park
 - establishing network of external collaborators
 - messaging via e-mails and web portal: awareness raising, sending information about the project results, lobbying, seeking opinions etc.
- LOBBYING
 - development of lobbying plan and determination of focus groups
 - development of lobbying messages: lobbying for
 - for reducing plastic litter accumulation in marine environment and for higher use of biodegradable/edible packaging in coastal areas
 - for stricter legislation - intensified surveillance in the garbage return from ships, mainly passenger ships;
 - for grants and/or discounts of higher use of edible and biodegradable packing materials, that would end up in less waste;
 - for equal rules on European and national/international level protocols for reuse/recycling of waste.
 - lobbying on national level in Slovenia, Croatia and Lithuania
 - lobbying on EU level and national representatives at European Commission
- DISSEMINATION and AWARENESS RAISING
 - project presentation to national stakeholders
 - participation at program Eco-Innovation joint event
 - organizing several events: open air meetings in Slovenia and Croatia for promotion of edible packaging
 - presenting project products at four fairs in Slovenia, Italy and Germany
 - participating at many conferences, workshops and raising awareness of the marine litter problem and presenting the project
 - publication of three newsletters and three flyers besides Layman's report
 - publishing nine articles in professional or scientific journals,
 - participation in two interviews
 - wide dissemination of project results in all participating countries and on EU level