

PROJECT FINAL REPORT

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4.1 Final publishable summary report

Executive summary

MARLISCO has contributed to set a clear picture regarding Marine litter in each of the European Regional Seas as well as to towards a better understanding of the science-society nexus and provided material to translate research-based. The project included a review on distribution, quantities and types, sources, and impacts of marine litter; a summary of current methods of monitoring and assessment for ML; a review of existing policies that may be applied to mitigate the impact of ML.

WP2 identified 72 best practices for the reduction of ML. It tells how the issue of ML is addressed and allows the identification of key attributes that make a ML minimisation practice a 'best' practice.

The "MARLISCO Marine Litter Database", is an additional means of further disseminating project products and activities. It is an interactive database, developed to collate all the litter data that partners have captured during the project as a result of the clean-up activities initiated to raise awareness about the marine litter issue. The database has been developed with an interactive map interface that allows the user to pinpoint the clean-up locations. The database also allows users to interrogate the data to get information on specific types of waste or specific locations.

MARLISCO has developed a user-friendly "what-to-do: problem-processes-solution" (available in 8 languages) Guide for stakeholders, decision-makers and key actors on tips and means to manage and reduce marine litter. Using the clusters identified during the analysis of the recorded best practices as the backbone, the guide outlines the main actions that different stakeholder groups and key actors can take, while at the same time presenting practical examples that support the implementation efforts, help transfer knowledge, experience and methods from elsewhere, and present networking and cooperation opportunities

MARLISCO project has assessed society's perceptions about marine litter and evaluated the impact of a number of educational and outreach activities with a range of stakeholder groups across Europe. Gauging people's baseline perceptions and assessing the effectiveness of communication and engagement attempts is critical if we are to develop better strategies to improve understanding about the problem and solutions surrounding marine litter and influence behavioural change. To achieve this, MARLISCO developed a range of social surveys applicable to a variety of participants, including children, the general public and educators, and prepared several publically available reports documenting the methods and key findings.

MARLISCO conducted an extensive European-wide survey on awareness and perceptions about marine litter. Detailed results are available in the project report "Baseline Evaluation of Stakeholder perceptions and attitudes towards issues surrounding marine litter". MARLISCO undertook the evaluation of the effectiveness of specific outreach and educational activities MARLISCO. Detailed results from each survey evaluation are presented in the project's evaluation report "Evaluation of specific educational and outreach activities related to marine litter (Impact of National Fora, Impact of Video contest, Impact of E-Learning Courses for Educators, Visitors perception at National Exhibitions).

MARLISCO has organised and run a series of 12 national marine litter fora across Europe between April 2014 and April 2015. The Fora were to raise awareness of the marine litter issue and find potential long term solutions. This activity was undertaken through engagement of stakeholders with an interest in, or responsibility for, some aspect of reducing the quantity of litter entering the oceans across Europe and by gathering stakeholder's opinions on how to address marine litter in their country.

The European Video competition that MARLISCO launched in 2013 represented a specific activity to engage youngsters and trigger awareness by actively encouraging them to get in touch with the issue with a critical and creative perspective. In total, 379 videos were submitted, from the 14 participating coastal countries, reflective the direct involvement of 2123 youngsters.

MARLISCO aimed at constructively connecting science to society by 'translating' current state-of-the-art marine litter knowledge into relevant awareness raising and educational tools, that can be used to motivate people and trigger sustainable actions in the partner countries. The compilation of a multilingual Educational Pack targeting primarily learners aged 10-15 years has been implemented

Another appealing multilingual MARLISCO output that attempts to translate science as well as policies to meaningful, yet not paternalistic learning content is an interactive e-game; a kind of a Role Playing Game (RPG) using comics, entitled “Sea Dream Team”.

Another tool of MARLISCO with an outreach estimated to more than one hundred thousand people has been the awareness raising exhibition.

MARLISCO has defined the format, the structure and the content of an informative brochure targeted to different sectors (from individuals to maritime, plastics industry and tourism sectors). This brochure, entitled ‘Stopping marine litter together! Each and every one of us can contribute in keeping our coasts and seas litter free!’, provides essential information on the marine litter issue (sources, composition and impacts) and suggestions on how one can contribute to tackling this growing pressure

To complement the Educational Pack, MARLISCO developed and run asynchronous e-learning course, on how to practically apply the Pack with learners.

The project has elaborated and finalised a 32-page document that showcases the MARLISCO experiences and contributes to an improved understanding of the science-society nexus, while setting a precedent for effective use of knowledge towards sustainable and responsible individual and collective actions.

Project context and objectives

Marine environments are central to human well being, but they are also extensively threatened by our activities. On a global scale more than 70% of our planet's surface is covered by seawater, supporting a wide range of habitats and a great diversity of life. Humans rely heavily on the seas for their natural resources including food (fish and shellfish), transport and recreation, and more than half of the world's population now live close to the sea. Unfortunately the marine environment is also extensively used as a convenient dumping ground for domestic and industrial waste, both directly and via river and atmospheric inputs, leading to potential negative ecological and economic impacts. These conflicting pressures are increasing in parallel with economic and population growth, which is expected to lead to increased consumption and waste production, if society follows a business-as-usual approach. Hence there is an urgent need to better manage and regulate our use of the marine environment in a sustainable manner in order to safeguard the maritime economy for future generations. Such considerations are central to the development and implementation of the Europe 2020 Strategy to promote Smart, Sustainable and Inclusive growth. Understanding human perceptions, choices and behaviours is central to addressing this complex issue.

There has been growing awareness of the problem of marine litter in recent years by scientists, industry, policy makers and environmental NGOs. There has been considerable recent media attention and associated interest from the general public. Marine litter can have significant impacts on both coastal and maritime economic activities and on sensitive coastal and marine habitats and organisms.

There are significant regional and local differences in the types and quantities of waste entering the marine environment. This usually reflects the relative importance of key factors such as urbanisation, tourism, shipping and fishing activities. Marine litter is widespread globally and European seas and coasts are no exception, with widespread reports of debris on shorelines and in the water column.

Plastics enter the marine environment from a wide variety of sources. Direct inputs from land include: poorly managed sewage systems and storm drains; wind-blown debris from agricultural land, industry, land-fill and urban areas near the coast; tourism and recreational use of the coast including tourism (discarded food wrappers and drinks bottles) and recreational fishing (loss of mono-filament lines and hooks); coastal erosion (building materials); urban and industrial development along major rivers with poorly managed waste disposal. In some cases discreet sources can be identified, allowing the introduction of mitigation measures relatively easily. For example, greater investment in waste water treatment may allow larger items of debris to be removed before entering storm drains. However, such hard-engineering solutions can be very expensive, at a time when funding is scarce. A more cost-effective solution would be to reduce the quantities of litter entering the waste stream. This means changing attitudes and behaviours of those sectors and sections of the population who allow litter to enter drainage systems. Sanitary waste is often found on coastlines close to urban centres, having been flushed down toilets. This can have implications for public health and tourism, requiring municipalities to spend scarce resources on beach clean-ups. This is where education of the public becomes critical. Hence communicating the problems associated with marine litter more widely within society, via educational activities, has a key role in resolving some aspects of the problem. An example of good practice here is the UK Marine Conservation Societies 'bag it and bin it' campaign.

An important indirect source of marine litter comes from merchant shipping. Discarding of plastics and many other forms of material is controlled under MARPOL Annex V6. Dumping of plastics is banned altogether and ships have to maintain waste logs. But, the Convention is difficult to enforce and litter is often discarded over the side.

This source of marine litter also has a land-based component because implementation depends on having effective shore-side facilities to receive waste. If these are inadequate, or if the port imposes a high fee for use, then there is less incentive for ships' officers to comply. In addition the ship's crew may not understand the consequences of their actions. Providing and using waste reception facilities may depend on improving communication with the local municipality or recycling industry, as well as improving education in the shipping sector from ship's cook to shipping magnate. This provides a good example of why a more joined-up approach could achieve considerable benefits. An example comes from the fishing sector. Providing shore-side reception facilities has allowed

schemes such as Fishing for Litter to develop. This voluntary scheme encourages fishers to land litter they pick up in their nets.

One category of plastic waste found on beaches and in the ocean is plastic resin pellets, with a diameter of the order of a few millimetres, sometimes referred to as 'Mermaid's Tears'. These are used by the industry as a feed-stock in the production of everyday plastic items. They occur in the marine environment as a result of accidental loss at sea and poorly controlled handling on land. Industry has responded by introducing good practice guidelines to reduce loss of resin pellets to the environment, under the 'Operation Clean Sweep'⁷ initiative. The quantity of pellets found in the marine environment is now declining. Hence, improved land-based industrial management can help reduce inputs of litter to the sea.

Resin pellets are one type of small particles of plastic found in the ocean. These have become known as micro-plastics (Thompson et al. 2004), defined as any fragment less than 5 µm.

The actual impact of these fragments on marine organisms is very poorly understood. There is the potential for particles to be ingested, physically blocking or otherwise damaging the digestive tract or other organs (Browne et al. 2008; Thompson et al. 2004). However, of more concern is the tendency for plastics to absorb persistent organic pollutants (POPs) that could subsequently be transferred to and accumulate in many marine organisms, particularly those at higher trophic levels (i.e. top predators), especially in fat and oil (e.g. marine mammals, oily fish). These chemicals are widespread in the ocean, at very low levels, as a result of human activity on land and at sea.

Absorption into plastic particles can result in a million-fold increase in concentration and this offers a potential vector for increasing the concentration of POPs in biota (Mato et al. 2001; Ogata et al. 2009; Teuten et al. 2007; Teuten et al. 2009). There is also concern that chemicals incorporated into plastic products during manufacture to increase functionality might also be released to wildlife if the plastic is ingested (Oehlmann et al. 2009). The potential for chemical transfer has implications for the breeding success of populations of some marine species and for human health in communities dependent on a seafood diet (Teuten et al. 2009). A third category of microplastics that are released into the ocean are particles that are deliberately created to produce products used for a variety of cleaning processes. These range from sand-size pellets used in industrial cleaning (e.g. 'sand-blasting' the outside of buildings) to micro- and nano-sized particles used in a range of toothpastes, hand cleaners and facial scrubs. The fate and impact of these nano-polymers in the marine environment is largely unknown.

Attitude and behaviour change across sectors is central to the issues surrounding marine litter. As the analysis above has shown, many different actors contribute to the problem. Industry employees need to act in compliance with production guidelines; managers make investment decisions; sea captains implement waste policies with their crew and individuals purchase products and throw away waste every day. Psychological research has identified the most powerful determinants of behaviour change: attitudes towards the issue and potential solutions; perceived control and feasibility of solutions; perceived responsibilities and social norms (e.g., Darnton, 2008; Maio et al., 2007). Raising problem awareness and suggesting solutions are optimal conditions for behaviour change, although barriers need to be considered. Problem awareness on its own is problematic because it can trigger denial and avoidance, especially when the problem is very complex and involves multiple actors. Similarly, messages that are too emotional (e.g., by triggering fear) can prevent engagement right from the start.

Managing human impacts on the marine environment presents challenges quite different to those on land. The seas are a 'commons' lacking the explicit natural boundaries that are a fundamental part of management on land; the problems associated with this lack of boundaries have been long recognised by fisheries scientists. In terms of spatial extent the vast majority of the marine environment is 'hidden' beneath the sea surface and so the damage that can be caused by the dumping of waste and the extraction of resources is not readily visible either. Hence while there is a substantial body of scientific evidence on extent to which marine habitats are challenged and threatened by the actions of mankind (e.g. Thompson et al. 2002) there is a substantive disconnect between the perceptions of individuals about their actions at a local scale and the potential for subsequent harm to the marine environment which infrequently occurs at a regional scale (Polunin 2008). Recent evidence suggests, however, that simple educational and information interventions

can increase marine awareness regarding marine litter and fish sustainability (e.g., Wyles, Pahl et al., 2010)

The continuing problem of damage by litter to the marine environment has multiple and complex causes that will require imaginative and innovative solutions, utilising both the technical and social spheres. Introducing more legislation, financial punishments or rewards, is not, in itself, an adequate response. The current situation mainly results from our continuing inclination to treat the ocean as a convenient place to dispose of unwanted materials. A range of measures is needed to help reduce the quantity of litter entering the oceans, including actions by manufacturing industry (for example Operation Clean Sweep), by industrial end users (for example fishing for litter) and by the general public (to dispose of litter properly). On the whole these measures are currently applied at relatively local scales within the EU and there is a clear need to illustrate examples of good practice and to share them.

At present the problems associated with marine litter are exacerbated by a combination of : i) a lack of awareness of the extent of the problem amongst the various stakeholders, including the general public; ii) a lack of awareness of potential solutions for addressing the problem; iii) a lack of communication mechanisms between the different sectors, and in particular between scientists and wider society; iv) a lack of consistent and harmonised production, waste management and re-cycling processes; v) a lack of effective enforcement of legislation (e.g. MARPOL); and, vi) differing national policies and regional and local practises – these can restrict the introduction of innovative waste management solutions at appropriate scales, due to the imposition of administrative responsibilities and boundaries.

The development of 'modern' plastics such as polystyrene began in the first half of the 19th Century but plastics only started to be used on an industrial scale from midway through the 20th century (Thompson et al., 2009). Global production increased from 1.5 million tonnes in 1950 to 245 million tonnes by 2008, at a growth rate of 9 per cent, with Europe producing 25 per cent⁸. Per capita use of plastics is expected to reach 140 kg per year in Europe by

2015, with approximately 40 per cent being used for packaging (Barnes et al., 2009). There are many advantages of using plastics over alternatives such as metal, glass and timber (Andrady & Neal, 2009). The increasing use of plastics in road vehicles and aircraft has brought about significant reductions in weight and hence reductions in the emissions of CO₂. Single-use plastic shopping bags have a lower environmental impact than equivalent paper bags, based on product life-cycle analysis, in terms of energy and resource use (PWC/Ecobilan, 2004). The problem arises when the plastic bag is allowed to escape into the environment. There are very significant differences across Europe in the rates of plastic re-cycling and re-use. For example in 2008, more than 80 per cent of waste plastic

was recovered (i.e. re-cycled or used for energy generation) in 7 EU countries, Norway and Switzerland, whereas the UK and several other EU countries recovered 25 per cent or less (EuPC, EPRO, EuPR&PlasticsEurope, 2009). Approximately 4.4 million tonnes of waste plastic was collected for recycling in the EU in 2006, with 12 per cent being exported to Asia. There are significant differences in production and use of plastics in different sectors. According to DG ENV⁹, packaging accounts for >63% of plastic waste, with the second ranked being building and construction at 6%. Plastic bottles have relatively high recycling rates, with 40 per cent of PET (polyethylene terephthalate) bottles being recycled. Sorting mixed wastes for recycling can be problematic but there are many examples of innovation that offer hope of significant improvement (Hopewell et al., 2009). Clearly there is the potential for recognising where and how solutions have been developed and putting in place mechanisms for sharing this best practice across Europe.

Objectives

The main objectives of the MARLISCO project is to increase the awareness of the consequences of societal behaviour in relation to waste production and management on marine socio-ecological systems, to promote co-responsibility among the different actors, to define a more sustainable collective vision, and facilitate grounds for concerted actions through the successful implementation of the MMLAP.

The main focus is to provide and evaluate mechanisms to enable society to perceive the impact of litter on the marine environment, to identify the land-based activities that are involved and

collectively arrive at solutions to reduce that impact – in particular solutions that can be implemented locally but have a regional effect.

Specific objectives:

1. To provide a review of current understanding of the sources, type, distribution and fate of marine litter in Europe's Sea. This will provide an evidence base to support appropriate actions and to provide a baseline against which change can be measured.
2. To provide an evaluation of key stakeholder perceptions of marine litter, assess current practices and potential solutions, and measure the effectiveness of the Action Plan at changing attitudes and perceptions.
3. To develop a web based portal to promote the Action Plan, provide a source of information on marine litter, stimulate discussion and disseminate the results of the Co-ordination Action.
4. To provide a platform for structured dialogue among the key stakeholders from industry, end users, science and society, in 12 European countries. This will help to identify and resolve barriers that currently retard the adoption of good practice.
5. To develop a video contest in schools in 14 countries around the European Seas in which children will be encouraged to develop short videos about the issue, embodying a multi-disciplinary process of getting in touch with the problem and addressing potential solutions as they see them.
6. To identify good practice and facilitate its adoption via a range of disseminating materials aimed at specific sectors and present them to evaluation during the stakeholder fora.
7. To increase awareness and empower general public and children through a series of national educational activities and innovative communication tools, while facilitating the integration of their views in the platforms of dialogue

Description of the main S&T results/foregrounds

Since MARLISCO is a public engagement and awareness raising project and not a scientific one, the content of this paragraph has been merged with the “impact” section content related.

The potential impact (including the socio-economic impact and the wider societal implications of the project so far) and the main dissemination activities and exploitation of results

Scoping study of the sources, trends and policy background regarding marine litter

MARLISCO has contributed to set a clear picture regarding Marine litter in each of the European Regional Seas as well as to towards a better understanding of the science-society nexus and provided material to translate research-based. The project included a review on distribution, quantities and types, sources, and impacts of marine litter; a summary of current methods of monitoring and assessment for ML; a review of existing policies that may be applied to mitigate the impact of ML. Results from WP1 were made available in the form of three reports summarising the outcomes.

MARLISCO produced 3 reports.

1 ‘Understanding of the distribution quantities and types of marine litter’

This activity and report aimed to review the current state of information and understanding in the distribution, quantities and types of marine litter in European Seas. It combines a traditional review of published literature with a survey amongst national partners of monitoring or survey and assessment activities in EU Member States. The literature review provides representative examples of the effects of litter on the marine and coastal environment, illustrating regional differences. It also considers potential negative ecological and socio-economic impacts of marine litter. In addition a summary of national surveys from official monitoring, NGOs or local authorities and R&D activities by MSFD regions was included in this report. It also shows the type of environmental compartments included in such surveys indicating the point of contact or relevant link to find further details. The report outlines limitations and gaps in the current state of knowledge and highlights some popular misconceptions relating to marine litter.

Kershaw PJ, Hartley B, Garnacho E, RC Thompson 2013. Review of the current state of understanding of the distribution, quantities and types of marine litter. Deliverable D1.1 report. MARLISCO project. (EC FP7 Coordinated and support action, SIS-MML-289042), 2013, 42.

2 ‘Methods to Monitor and Assess Marine Litter’

The report provides an overview and summary of possible approaches, internationally agreed monitoring methods and protocols. The guidance is also intended to support litter monitoring by the general public or other non-research trained persons and includes links to relevant sources of information.

Maes T, Garnacho E. 2013. Summary of current methods of monitoring and assessment for marine litter. Deliverable D1.2 report. MARLISCO project. MARine Litter in Europe Seas: Social Awareness and COResponsibility. (EC FP7 Coordinated and support action, SIS-MML-289042).

3 ‘Policies that may be applied to mitigate the impact of marine litter’

Existing policies that directly or indirectly may be applied to mitigate the impact of marine litter are reviewed to identify where policy gaps might. The report also examines which actions and policies specifically designed to deal with marine litter reduction may be associated with legally-binding or ‘hard’ mechanisms (implemented under international, regional, EU or national legislation) or non legally- binding ‘soft’ mechanisms, under a range of formal or informal agreements.

Kershaw PJ, Alcaro L, Garnacho E, Doyle T, Maes T, Painting S. 2013. Review of existing policies that may be applied to mitigate the impact of marine litter. Deliverable report D1.3. MARLISCO project. MARine Litter in Europe Seas: Social Awareness and CO-Responsibility. (EC FP7 Coordinated and support action, SIS-MML-289042).

Processes and solutions – moving towards better practice

MARLISCO has identified 72 best practices to reduce marine litter. The best practices have been evaluated through a novel approach: the practices served as a tool to enhance the active participation and build capacity in key actors through the implementation of the innovative, dedicatedly-developed decision support tool, DeCyDe-4-Marlisco. The key 'preference' attributes of successful marine litter management practices have been identified during the analysis and provided a snapshot of the key characteristics of the recorded best practices as a means of helping the reader, and particularly decision makers, recognise what would make their marine litter management efforts more successful and more effective in minimising the amount of marine litter in European Seas. A google map with pins on the practices has been developed indicating info on all these practices in order to make access more easy. The paper under the title "A novel best practices approach: The MARLISCO case", by Xenia I. Loizidou, Michael I. Loizides, Demetra L. Orthodoxou, has been published in Marine Pollution Bulletin, vol.88, issues 1-2, 15 November 2014, p.118-128. Until June 2014 the paper had 280 downloads (as reported by ELSEVIER). Already, more than 5 cases of MARLSICO Best Practices have been reported to be implemented in other countries, citing MARLISCO Best Practice report and analysis.

The Marine Litter Data Base: Data have a very important role to play in addressing the issue of marine litter, since they allow to understand which are the main types of litter found in specific beaches/ countries/ locations and how these may vary according to the season or other factors. This information allows us to identify the main sources of marine litter and thus to implement better and more targeted solutions to address litter from these sources. The "MARLISCO Marine Litter Database", is an additional means of further disseminating project products and activities. It is an interactive database, developed to collate all the litter data that partners have captured during the project as a result of the clean-up activities initiated to raise awareness about the marine litter issue. The database has been developed with an interactive map interface that allows the user to pinpoint the clean-up locations. The database also allows users to interrogate the data to get information on specific types of waste or specific locations. It is envisaged that this marine litter database will continue to be populated with data even after the end of the project and will thus become a very sustainable project deliverable. Co-operation with Ocean Conservancy has already been promoted. MARLISCO has developed a user-friendly "what-to-do: problem-processes-solution" Guide for stakeholders, decision-makers and key actors on tips and means to manage and reduce marine litter. Using the clusters identified during the analysis of the recorded best practices as the backbone, the guide outlines the main actions that different stakeholder groups and key actors can take, while at the same time presenting practical examples that support the implementation efforts, help transfer knowledge, experience and methods from elsewhere, and present networking and cooperation opportunities. The guide has been graphically designed by a professional, to make it as attractive and user friendly as possible, and thus promote its uptake. An ISBN number was procured and a QR Code was developed and inserted into the Guide. The QR code takes users to the MARLISCO website where the Guide is uploaded.

The Guide is available into the following eight languages: Arabic (by MIO-ECSDE), Bulgarian (UBBSLA), Hebrew (by Zalul, Israeli environmental organisation external to the partnership), German (by EUCC-D), Greek (by ISOTECH), Italian (by Provincia di Teramo), Portuguese (by FCT-UNL) and Turkish (by TUDAV).. This gives the project important added value and significantly increases the outreach and sustainability of MARLISCO, since the MARLSICO "what-to-do: problem-processes-solution" Guide, will be used in so many languages and in countries outside the MARLSICO partnership. This also creates advanced networking potentials, for common actions on combating marine litter.

Two 'big book' versions of the Guide (A2 size on PVC) have also been printed, one in English and one in Greek, and have been incorporated into the awareness-raising activities in Cyprus, by becoming an additional element of the Exhibition.

MARLISCO project has assessed society's perceptions about marine litter and evaluated the impact of a number of educational and outreach activities with a range of stakeholder groups across Europe. Gauging people's baseline perceptions and assessing the effectiveness of communication and engagement attempts is critical if we are to develop better strategies to improve understanding about the problem and solutions surrounding marine litter and influence behavioural change. To

achieve this, MARLISCO developed a range of social surveys applicable to a variety of participants, including children, the general public and educators, and prepared several publically available reports documenting the methods and key findings.

A) SURVEYING EUROPEAN STAKEHOLDER PERCEPTIONS

MARLISCO conducted an extensive European-wide survey on awareness and perceptions about marine litter. More specifically, the survey sought to examine individuals' understanding about the quantity, location, causes and consequences of marine litter, perceived risk and responsibility, and intentions to engage in solutions. The survey was launched in 16 coastal countries targeting key sectors, including the manufacturing industry, retailers, coastal and marine industry, waste management, government and policy makers, environmental organizations, the media, the education sector and the general public. A total of 3748 respondents completed the survey, and results enabled a better understanding of the barriers and opportunities in understanding this issue and engaging in effective solutions. Detailed results are available in the project report "Baseline Evaluation of Stakeholder perceptions and attitudes towards issues surrounding marine litter".

A snapshot of the survey results shows that 87% of respondents agreed that "marine litter is an important problem"; 88% of respondents disagreed that "marine litter is only a problem for coastal communities"; 23% of respondents agreed that "marine litter is a future environmental threat rather than a present one". In other words, people are concerned about marine litter overall and acknowledge that it is a problem for everyone, but are somewhat inclined to see it as a future threat. Further analysis of the survey results reveals that people's knowledge can often lag behind the state of scientific data, even despite much media coverage of the issue. For example survey respondents correctly identified that the majority of items of marine litter are plastic, but still greatly underestimated the actual percentage of marine litter that was plastic – and this was true across a number of stakeholder groups.

B) EVALUATING THE IMPACT OF EDUCATION AND OUTREACH

A fundamental component of the MARLISCO project was the evaluation of the educational and engagement activities that were conducted between 2012 and 2015 with a number of stakeholder groups. Throughout the evaluation process, MARLISCO applied principles and methods from the social sciences in the design and implementation of social surveys to measure the impact of participation in the national fora, video competition, public exhibitions and an E-learning course to accompany pedagogical resources for educators.

The evaluations helped assess whether and how each activity changed people's understanding, attitudes and behaviour. The evaluations demonstrate the potential for engaging different populations (the general public, children, educators and key stakeholders) in order to raise awareness about marine litter, increase understanding and encourage commitment to solutions. Detailed results from each survey evaluation are presented in the project's evaluation report "Evaluation of specific educational and outreach activities related to marine litter". It is crucial that educational activities are evaluated in order to gauge their success and provide an evidence base for future design and practice.

Impact of the National Fora. The national fora were evaluated with a short survey that participants completed before and then again after they attended the event. It was designed to assess participants' level of concern, feelings of efficacy, responsibility and motivation, perceptions about solutions and their personal intentions to engage in actions to reduce the potential causes of marine litter. Results revealed that after participating in the fora, individuals felt significantly more responsible, more able to help, and that their actions would be more effective compared to before the fora. Participants' intentions to engage in several solutions to reduce marine litter also increased significantly. The National Fora are a good example of an activity that can engage multiple sectors and increase sense of personal responsibility, efficacy and support for solutions.

Impact of the Video Contest. A similar 'before-after' method was implemented to determine the impact that the video contest had on youngsters' understanding of the causes and consequences of marine litter and their level of action. Results indicate that after participating in the video contest, students' concern about the problem, their understanding of the various causes and negative

impacts, and their practical actions to reduce marine litter significantly increased. These results are largely consistent with a pilot survey conducted with UK children, results of which are published under the title “Marine litter education boosts children’s understanding and self-reported actions”, by Bonny L. Hartley, Richard C. Thompson, and Sabine Pahl (2015) in *Marine Pollution Bulletin*, vol. 90, p. 209-217 (2015)”. Since initial ‘in press’ online publication in November 2014 (and up to July 2015), this article has been viewed or downloaded 656 times (according to Elsevier statistics).

The MARLISCO video contest is a good example of an educational activity that can foster a sense of citizenship and ownership in the younger generation and give them an active voice in such a societal problem. In addition, the videos themselves served as tools that have been widely used to inform and trigger awareness in a wider audience - indeed in the evaluation survey, this was one of the key suggestions that children made as to what should be done next.

Impact of E-Learning Course for Educators. A third ‘before-after’ survey was developed to evaluate whether MARLISCO’s e-learning course and educational pack increased educators’ understanding of the issue and their level of confidence, motivation and intention to integrate the topic into their formal or non-formal teaching practice. Results indicate that the e-course had a positive impact on educators’ confidence in their skills and abilities to teach about marine litter. After completing the course, educators also indicated that they intended to increase the amount of marine litter education they provide, develop more lessons and activities about the topic, and encourage other educators in their network to integrate marine litter education and the MARLISCO EduPack into their teaching. This is particularly encouraging because this will maximise the potential for the training and resources to be distributed more widely and influence education practice.

The e-course represents an excellent tool to build the capacities of educators in applying the educational pack and enable them to integrate marine litter into their teaching. Starting from the contents of the educational pack as basic teaching material the course treats learners as experts that bring in their own ideas to share with others and results in jointly generated outcomes for which the learners feel a high level of ownership. The e-course provides resources, techniques and ideas to facilitate teaching whilst increasing the confidence level of the trainees.

Visitor perceptions at National Exhibition. Finally, the survey developed for the public exhibitions provided a snapshot of what visitors recalled as the most memorable aspect of the exhibits, and recorded their level of concern about marine litter and the number of action pledges they were prepared to make. Results indicate that the majority of visitors to the exhibition reported being extremely concerned about the issue. Visitors also made many pledges to take actions to reduce marine litter and be part of the solution – of the 1842 visitors surveyed at the exhibition between 2013 and 2015, 88% pledged to avoid using plastic bags in the supermarket, 74% pledged to buy items with less packaging, and 52% pledge to encourage family and friends to make similar changes that will benefit the environment. These findings indicate what the European general public will pledge to do to reduce marine litter when visiting and learning about the issue.

The findings from the large scale social surveys and evaluations Plymouth University has conducted within the MARLISCO project have contributed to informing recommendations for effective communication and engagement with stakeholders about marine litter, and support future efforts to influence attitude and behavioural change. Insights from this work have been summarised in the MARLISCO brochure prepared by Plymouth University, “Hartley, B. L., Holland, M., Pahl, S., & Thompson, R. C. (2015). *How to Communicate with Stakeholders about Marine Litter – A Short Guide to Influencing Behavioural Change*. UK: Plymouth University Press”. The guide also includes partner feedback reflecting on the stakeholder engagement process regarding the successes and challenges experienced during communication and interaction with different stakeholders. It is hoped that this guide will be a useful resource for academic and applied audiences across the marine, environmental and social sciences, as well as for industry, Non-Governmental Organisations, and government organisations. The guide design is currently being enhanced, an ISBN number has been obtained, and 150 copies will be printed for distribution.

Empowering Society through Informed Debate

MARLISCO has organised and run a series of 12 national marine litter fora across Europe between April 2014 and April 2015. The Fora were to raise awareness of the marine litter issue and find potential long term solutions. This activity was undertaken through engagement of stakeholders with an interest in, or responsibility for, some aspect of reducing the quantity of litter entering the oceans across Europe and by gathering stakeholder's opinions on how to address marine litter in their country.

A common forum format to support implementation of the national events, guided through the planning stages, stakeholder engagement and the actual event was developed, based on participatory methodology promoting large-scale public involvement. The format was designed to be flexible, allowing individual MARLISCO partners to modify aspects in reaction to relevant on-going, current events in their countries e.g. in support of and to compliment national implementation of MSFD processes, or to take advantage of national, cultural characteristics that may be beneficial to the success of the event and to include lessons learned from MARLISCO partners that already conducted a forum.

All national fora used the MARLISCO animation 'Impacts and Sources of Marine Litter', which was developed specifically for the MARLISCO marine litter fora with artist Jane Lee and allowed transfer of latest scientific knowledge in an accessible way and focused discussion on current scientific, technological and societal positions with respect to marine litter. The MARLISCO animation is available online via YouTube since April 2014 with over 11,700 views to date (<https://www.youtube.com/watch?v=017bBeXhYz4>).

Twelve European countries implemented a national forum on marine litter. Across Europe the events engaged about 1540 stakeholders from multiple sectors with 644 live audience members attending and reaching about a further 896 online participants through the use of interactive live webcasts. Forum participants across Europe represented a wide range of sectors (e.g. Research/Education, NGO, Government, Maritime Activities, Local Authorities, Media/Communication, Tourism/Recreation, Waste Management, Plastics Industry, Retail, Marketing), which provided an opportunity to utilise sector specific know-how during the event and allowed for mutual learning between forum stakeholders.

Across all twelve events the majority of submitted actions, suggestions and ideas relate to recognised concepts and approaches that address issues of waste and litter in general such as increasing Education/Awareness (29.01%), Appropriate Disposal of Waste (13.83%) and the Reduce (19.19%), Reuse (9.37%), Recycle (9.82%), Recover (3.57%) and Redesign (6.69%) concepts. These links indicate that the overall approaches and concepts are not only well known but suggest that more and definite measures and actions targeting marine litter are required to utilise these established approaches and concepts to effectively address marine litter across Europe.

Participants' perceptions pre- and post-events were assessed through quantitative evaluation by the MARLISCO team in Plymouth University under WP2. Results indicated that the events were viewed as a positive experience and there were some statistically significant differences between participants' pre- and post-fora perceptions and intentions concerning issues of marine litter (Hartley et al., 2015).

Views from European Youngsters

The European Video competition that MARLISCO launched in 2013 represented a specific activity to engage youngsters and trigger awareness by actively encouraging them to get in touch with the issue with a critical and creative perspective. In total, 379 videos were submitted, from the 14 participating coastal countries, reflective of the direct involvement of 2123 youngsters.

The project foresaw mechanisms to exploit some of the best videos as outreach awareness tools, as they represent a message from the new generation on the issue of marine litter. This included a "public vote" element in the selection of the winners in every country, by placing the TOP national

videos on social networks such as Facebook and on YouTube. Some of the videos had wide outreach, reaching 1.000 “views” within the first week.

An attractive “Teaser” showcasing all the 14 national winning videos was produced and throughout 2014 and 2015 actively disseminated, together with the individual videos, in several national and European events and channels, reaching a wide and diversified audience. For example, the winning videos were screened in loop during the European Green Week (3-5 June 2014) that counted with 2.000 participants and the “Teaser” was premiered during the plenary session of the 7th European Maritime Day Ceremony (EMDC, 19th May 2014)[1] in Bremen, Germany, with over 1300 participants. The teams behind each of the 14 winning national videos were invited to take part in the EMDC event and a 2-day joint, intercultural and facilitated programme in the city of Bremen, organised by MARLISCO.

In terms of impacts, based on the surveys to participating youngsters before and after their involvement in the making of the videos, their engagement in the Video Contest resulted in an increase in the youngsters’ concern about the problem, their understanding of the various causes and negative impacts, and their practical actions to reduce marine litter. Furthermore, the 80 youngsters that took part in the EMDC-Bremen programme had a very interesting and rewarding experience, not only because they received public recognition during such a high-level event but also for the socio-cultural opportunity to meet and interact with other European young people.

Close to the conclusion of the project (May 2015) the 14 winning videos had received a total of approximately 33.500 views on Youtube, had been screened at 6 European events and over 30 national ones, including most of the MARLISCO National Fora and at some of the venues of MARLISCO exhibition. The Video Contest and its products impacted not only the youngsters directly involved but also their supervising teachers, probably their families, the ambassadors and Jury members setup in each country, and all the thousands of people that watched or will be watching them in the future.

[1] Video recording of the MARLISCO session at the 7th EMDC: <http://ec.europa.eu/maritimeaffairs/maritimeday/sites/mare-emd/files/event-downloads/2014-marlisco-contest.mp4>

Education, Outreach and Synthesis

As with many complex problems of today, effective solutions to the thorny issue of Marine Litter require coordinated actions at many levels (International, European, National, Local) by many actors ranging from the industry; the water users; the waste management sector; the municipalities; policy makers, the scientific community; NGOs and the media up to the general public and particularly young people.

In this context MARLISCO aimed at constructively connecting science to society by ‘translating’ current state-of-the-art marine litter knowledge into relevant awareness raising and educational tools, that can be used to motivate people and trigger sustainable actions in the partner countries.

The compilation of a multilingual Educational Pack targeting primarily learners aged 10-15 years has been implemented. The Pack entitled ‘Know, Feel, Act to Stop Marine Litter’ has been compiled by using a bottom-up participatory approach. The final 120-page pack contains 17 teaching and learning activities grouped in four sections that address the characteristics, the sources, the impacts, as well as the possible ways to tackle marine litter. Each activity consists of a specific learning task or game (4 pages) and a worksheet for students (1 page). In line with the principles of Education for Sustainable Development (ESD) the pack examines the environmental, social, cultural and economic aspects of the issue. The activities can be applied within a school class but also in non-formal educational settings, e.g. in outdoor programs, museums, aquariums, etc. They can be applied as single exercises, or in clusters depending on the target group needs. Given the broad geographic outreach of MARLISCO, the diverse national and regional specificities have been taken into account leading to slightly differentiated versions of the pack (different photographs, cases studies and marine litter stories), thus maximizing its appeal and relevance. The pack is now available online in 14 European languages, plus a non-European one, Arabic that has been prepared with the financial support of UNEP/MAP and will be soon available. The impact of the

Packs is currently measured with the number of page views at www.marlisco.eu/education.en.html where the packs are uploaded (2,806 page views and 1,710 unique page views for the period 01/01 – 30/06/2015 with the peak towards the end, when the language versions were being progressively uploaded).

Another appealing multilingual MARLISCO output that attempts to translate science as well as policies to meaningful, yet not paternalistic learning content is an interactive e-game; a kind of a Role Playing Game (RPG) using comics, entitled “Sea Dream Team”. The game, that has been developed by MEDIA TOOLS offers its online players the opportunity to discover eight (8) characters representing sectors critical for marine litter (e.g. fisherman, marina manager, beach-user, etc.) and help them -in a fun and engaging way- to choose the most responsible behaviour to deal with specific situations, in which marine litter can be either generated or prevented. The game scenaria are simulations of real-world events or processes designed with a problem solving and/or raising awareness approach. The scenaria were developed by MEDIA TOOLS with inputs from several NPs. The game has been finalized and can be played online in 15 languages: <http://www.marlisco.eu/serious-game.en.html>

Another output of MARLISCO with an outreach estimated to more than one hundred thousand people has been the awareness raising exhibition. The texts have been developed with contributions from NPs, who then undertook the translation and development of their adapted national versions. The proposed highly flexible, cost-effective, easily reproduced and zero waste layout of the exhibition enabled its national reproduction to better fit the partners' needs. Since the end of 2013 the national versions of the exhibition have been travelling and displayed at many festivals, conferences, clean-ups and other events all around Europe. Its journey is truly remarkable as demonstrated in the online map (www.marlisco.eu/exhibition-journey-map.en.html). In many countries the exhibition will keep travelling and being displayed after the end of the MARLISCO project.

Besides the inherently designed outreach activities of MARLISCO, such as the video competition for youth, the national fora, the exhibition and the educational packs, the project has put a lot of effort to disseminate the MARLISCO messages through many other national awareness raising activities and initiatives. These activities range from visiting schools or giving lectures at university students; running contests (e.g. art contest in Italy and a tale contest in Portugal); organising workshops and teacher-trainings, numerous beach cleanups, taking part at massive festivals, conferences and press events; celebrating important International Days (Earth Day, Oceans Day, etc); printing informative brochures, posters, postcards and other promotional material, reproducing games (e.g. Marineopoly in Romania); running social media webpages devoted to the project (linkedin, fb, etc.). It is hard to measure and quantify the accumulative impact of all these activities, however it can definitely be stated that throughout the 3-year-long timeframe of the project NPs have made best use of all given opportunities to transmit the MARLISCO messages to hundreds of thousands of people across Europe. These messages will certainly keep echoing beyond the lifespan of the project ensuring an extended and amplified after-life effect of the project activities. During the entire lifetime of the MARLISCO project, the national activities have been feeding the “news area” of its webpage.

MARLISCO has defined the format, the structure and the content of an informative brochure targeted to different sectors (from individuals to maritime, plastics industry and tourism sectors). This brochure, entitled ‘Stopping marine litter together! Each and every one of us can contribute in keeping our coasts and seas litter free!’, provides essential information on the marine litter issue (sources, composition and impacts) and suggestions on how one can contribute to tackling this growing pressure. The aim of the brochure is not only to instil a sense of co-responsibility within the various stakeholder communities as co-contributors to the marine litter problem but also to foster a sense of empowerment and take up individual and/or collective actions. The brochure is now available online in English, a Greek version is almost finalised, while several partners have expressed their intentions to translate it in other European languages. The English hardcopies as

well as all other national versions of this brochure are going to be promoted in conferences, festivals, etc. even after MARLISCO ends. The brochure is available here: www.marlisco.eu/tl_files/marlisco/Downloadables/WP%206/Annex1_MARLISCO_brochure.pdf

To complement the Educational Pack, MARLISCO developed and run asynchronous e-learning course, on how to practically apply the Pack with learners. The e-course replaced the originally foreseen face-to-face workshops in order to accommodate the increased demand for participation from many countries. Through the three rounds of the e-course that took place within MARLISCO duration, more than 320 participants from more than 28 countries have taken part. The course, which was entirely tailor-made to needs of the MARLISCO audience, is equivalent to 1.5-2 days face-to-face training workshop which is “flipped” to e-content and spread over a two-week period. The teachers, surfers, divers, activists, trainers, NGO officers, museum staff and university students that took part in it formed a dynamic and highly interactive mix of people with a genuine a deep care for the seas and coasts. The latter could possibly explain their commitment in the e-course content and the high completion rates (~50%), that is more than three times the average completion rate in Massive Open Online Courses -MOOCs (~15%). In total, through the e-course, hundreds of people have been intensively trained on the educational pack and are now able to integrate it in their professions. Moreover, as these people have already created informal communication networks (mail lists and f/b), the messages of the Pack and MARLISCO, keep being widely disseminated even after the e-course is over. The high completion rates of the e-course certainly motivate MIO-ECSDE to repeat it even in the post-MARLISCO era. Quantitative and Qualitative results from the e-course can be found here: www.marlisco.eu/e-learning-course.en.html

Last but not least, the project has closely following up on all its developments within the different cluster of activities and has been also exploring options so as to ensure that the project synthesis will capture and appropriately reflect the lessons learned and the experiences gained by the project's innovative approaches to connect science to society, using the emerging threat of marine litter as a vehicle. The project has elaborated and finalised a 32-page document that showcases the MARLISCO experiences and contributes to an improved understanding of the science-society nexus, while setting a precedent for effective use of knowledge towards sustainable and responsible individual and collective actions.

Webportal and dissemination platform of Marine Litter in European Seas

MARLISCO has created and developed a publicly accessible web portal and dissemination platform: www.marlisco.eu

The portal consolidates the outputs of the project from different sources, in different forms and formats and presents them through a single access point. The main intention of the portal is to provide transparent and comprehensive information on the topic of Marine Litter (sources, trends, challenges), including a wide set of links related to external sources, and to introduce potential solutions and best practices regarding marine litter pollution. Furthermore, the most important content elements and outputs of the project are collected on the website to make them visible and available for the general public. The portal connects people of the European Seas and beyond and invite its users to participate and actively contribute, bringing in own experiences and perspectives and enable mutual learning.

The homepage of MARLISCO contains a header and footer, matching the design of the project logo and serving as a frame for the presented information. The footer contains contact details of the project coordinator and shortcuts of web 2.0 applications to enable a direct and quick communication opportunity for visitors, who are interested to get in contact with the project partners. The internal area Basecamp is also linked in the footer. Pictures provided by the MARLISCO partners and the EUCC-D photo database were implemented on the homepage to make the portal appealing to its users and to visualise the problem of marine litter. The homepage gives an overview of all available content (menu), which was built up and adapted during the project time as well as a news section showing an update on current activities and on upcoming events (which is supported by an additional event calendar) from/in all countries. To highlight the special and main outputs of

different work packages of the MARLISCO project, teaser boxes with short information and comprehensive graphics were also implemented on the homepage containing short cuts linking the user directly to the specific page. By choosing the navigation menu with main- and subpages, the user gets access to more detailed project information. This includes general material about the project set up, goals, approaches, partners and deliverables. Furthermore, these pages contain the main information about different work tasks of MARLISCO. Next to a general description in English, country specific information in national languages are also provided and displayed. Main products, which are displayed on the website, include for example the national fora, exhibition and video contests, the educational packs, best practices, the serious game and the final multimedia tool (web-documentary). Additional activities such as information about the e-learning courses, a marine litter database and an exhibition journey map were also uploaded.

In general, the MARLISCO website had approximately 100.000 unique page views since the start of the website. The top 3 pages visited were the video contest pages, the general information about the project pages and the education pages. The top 3 countries being active in MARLISCO were Italy, Portugal, and the UK. Acquisition: the top channels, through which the MARLISCO website was accessed were "organic search" (google search engine) ~50 %; "direct access" ~25 % and other referrals via internet sites and social media ~25 %. Besides using this specific website for dissemination, the MARLISCO project also maintained social media channels as Facebook and Twitter. The Facebook page was regularly updated with activities, events and outcomes and has more than 1.500 likes. It was also used as a platform for communication and connection with public users, to receive feedback and to answer questions and comments. Twitter was also used to announce big events and news and has 219 followers. Besides the main MARLISCO Facebook account some countries (UK, Denmark, Cyprus, France, Italy, Portugal Turkey Romania, Bulgaria, and Ireland) additionally had national Facebook accounts, increasing the online network community and ranging between 150 and 1300 likes. Social media channels as Facebook, Twitter, YouTube and produced videos were used to additionally broaden the dissemination of information of MARLISCO and increasing its popularity and its network. Social media channels and the website were used for dissemination of the project content, however, all online platforms that were used within the project including projects income in turn were disseminated in press, publications and during all different activities and events that were conducted within the 3-years project time by each partner and each country and will be beyond the project's duration time.

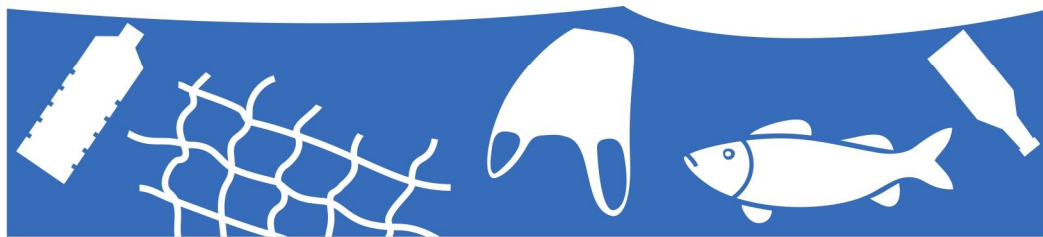
The MARLISCO website primarily highlights the most important content elements and outputs of the project from national events and activities, which were conducted during the duration of the project. The portal was designed, developed and maintained during the 3-years, leaving a complete pile of detailed information about the complex topic of marine litter. This gives the public the chance to understand what MARLISCO was all about (including the people who may not be familiar with the topic) and the opportunity to get the information they need as well as for the partners being able to share their content with each other and the user. Another advantage of the website is that it remains for at least 2 years, hosted by EUCC-D giving all countries the prospect to use the material further beyond the end of the project. The content can be further used to build up other platforms on marine litter, which is for example planned by EUCC-D in the near future. The MARLISCO project may be finished, the problem of marine litter still exists, which means that MARLISCO can be used as a solid basis for continuing working on the complex challenge of marine litter across Europe and across the world beyond the project time. The established contacts between the partners of different countries remain through the website and may provide the opportunity to further cooperate with each other in the future. Building up a publicly accessible website, summarising the whole project through one single access point is certainly an effective way of displaying activities, events and outcomes as well as disseminating the clear message of the project. It transports a variety of impacts of other fundamental MARLISCO work packages and outputs, it provides some guidance to users in a universe of fragmented and dispersed information, and it creates a bond between the partners and closely connects the project with the public.

www.marlisco.eu (for details see above)

Project logo, diagrams or photographs illustrating and promoting the work of the project (including videos, etc...), as well as the list of all beneficiaries with the corresponding contact names are available at the following links

MARLISCO LOGO

MARLISCO



Stopping Marine Litter Together

MARLISCO WEBSITE: www.marlisco.eu

Videos and pictures

MARLISCO FORA

MARLISCO National fora videos and outcomes: check the national pages at

http://www.marlisco.eu/National_Fora_Outcomes.en.html

Animation for the national fora: <https://www.youtube.com/watch?v=017bBeXhYz4>

MARLISCO EXHIBITION

Exhibition posters: <http://www.marlisco.eu/exhibition.en.html>

Exhibition national pages: <http://www.marlisco.eu/national-exhibition.en.html>

Exhibitions database: <http://www.marlisco.eu/exhibition-journey-map.en.html>

MARLISCO national locations database:

BEST PRACTICES

Best practices database: <http://www.marlisco.eu/best-practices-map.en.html>

MARLISCO WEBDOCUMENTARY

Troubled waters: <http://www.marlisco.eu/troubled-waters.en.html>

OTHER VIDEOS:

PROVTE: Video Art Mix with images of the artistic works submitted to the contest:

www.MARLISCOexhibition.it/exposition/

EUCC: Nationaal forum 'Zee zonder Zwerfvuil' | 1 april 15:00 | Pakhuis de Zwijger: - <https://www.youtube.com/watch?v=tDgkdoINSd8>

EUCC: MARLISCO Video Contest - tell us what you think about MARINE LITTER: <https://www.youtube.com/watch?v=LJ8M5rEEI0g>

MARLISCO SERIOUS GAME:

Sea Dream Team: <http://www.marlisco.eu/serious-game.en.html>

BEACH CLEAN-UP

Data base: <http://www.marlisco.eu/marine-litter-database.en.html>

MARLISCO VIDEO CONTEST

Video contest teaser: <http://www.marlisco.eu/video-contest.en.html>

National Video contest videos, reports and award ceremony details: check the national pages at <http://www.marlisco.eu/national-video-contests.en.html>

MARLISCO BROCHURE SECTOR-SPECIFIC

<http://www.marlisco.eu/deliverable-64-brochure-sectors-specific-in-english.en.html>

OTHER FLYERS:

NUIC-UCC: Launch of the MARLISCO Marine Litter Exhibition at the Lifetime Lab on Culture Night;

<https://www.facebook.com/MARLISCO.le/photos/a.174263942751952.1073741828.167256100119403/323708414474170/?type=1&theater>

NUIC-UCC: Marine Litter in European Seas – Social Awareness and Co-Responsibility
MARLISCO Activities In Ireland:

<https://www.facebook.com/MARLISCO.le/photos/pcb.350911275087217/350910348420643/?type=1&theater>

Flyer German MarliscoVideo Contest „Film den Müll raus“: http://www.eucc-d.de/tl_files/eucc/pdf/Aktuelle%20Projekte/MARLISCO%20Ergebnisse/Flyer%20Videowettbewerb%20Film%20den%20Muell%20raus.pdf

Postcard German MarliscoVideo Contest „Film den Müll raus“: http://www.eucc-d.de/tl_files/eucc_images/img/projekte/Marlisco/Postkarte%20Videowettbewerb%20Film%20den%20Muell%20raus.pdf

Flyer German Marlisco Exhibition „Mensch-Müll-Meer“: http://www.eucc-d.de/tl_files/eucc/pdf/Aktuelle%20Projekte/MARLISCO%20Ergebnisse/Begleitflyer%20MARLISCO-Ausstellung.pdf

Poster and Postcard German „Meeresmüll. Weniger ist Meer“

Project Italian Initial Brochure: http://www.provincia.teramo.it/aree-tematiche/europa/politiche-comunitarie/la-provincia-di-teramo-per-marlisco-italia-promuove-la-raccolta-manuale-dei-rifiuti-dall2019area-marina-protetta-torre-del-cerrano/flyer_MARLISCO_ita.pdf

MARLISCO EDUCATIONAL PACK

with images and national translations: <http://www.marlisco.eu/education.en.html>

MARLISCO STAKEHOLDERS GUIDE

Check the English version and the national translations at <http://www.marlisco.eu/what-to-do-problem-processes-solution-171.en.html>

GENERAL PICTURES

Marine litter pictures on the website: <http://www.marlisco.eu/marine-litter-pictures.en.html>

ALL NEWS

News about the 3-year project activities: <http://www.marlisco.eu/news.en.html>

ALL DELIVERABLES

Check all the public MARLISCO public deliverables at <http://www.marlisco.eu/results.en.html>

ALL MARLISCO PARTNERS AND CONTACTS

<http://www.marlisco.eu/partners.en.html>

OTHER WEBPAGES:

UBBSLA: MARLISCO – Project Introduction: <http://www.marinelittersolutions.eu/who-we-are-13839/our-objectives/raising-awareness/marlisco.aspx>

ProjectPortuguese website: www.marliscoportugal.org

Project Slovenian website: <http://www.rrc-kp.si/sl/kdo-smo/aktualni-projekti/marlisco.html>

Project Italian Website: www.MARLISCOexhibition.it; <http://www.provincia.teramo.it/aree-tematiche/europa/politiche-comunitarie/>

SOCIAL NETWORKS

Twitter: <https://twitter.com/MarliscoProject>,

LinkedIn Group about MARLISCO: <https://www.linkedin.com/grp/home?gid=4891774>

MIO-ECSDE: E-learning group: <https://www.facebook.com/groups/830616197015450> 100

Facebook:

- General Page: www.facebook.com/MARLISCOProject 1530 likes
- Bulgarian: www.facebook.com/MARLISCO.Bulgaria
- Cyprus: www.facebook.com/Marlisco.CY
- Danmark: www.facebook.com/marlisco.dk?
- France: www.facebook.com/pages/Marlisco-France/150663325102772
- Italy: www.facebook.com/MARLISCO.Italia
- Ireland: www.facebook.com/MARLISCO.le
- Portugal: www.facebook.com/MarliscoPortugal
- Romania: www.facebook.com/MARLISCOro
- Turkey: www.facebook.com/MarliscoTurkey
- UK: www.facebook.com/marlisco.uk
- Ong Mare Nostrum Facebook page: <https://www.facebook.com/ongmarenostrum?ref=hl>
- ONG Mare Nostrum Constanta Facebook page:
<https://www.facebook.com/ongmarenostrum.constantat>
- Provincia di Teramo: <https://www.facebook.com/provinciateramo?fref=ts>

4.2 Use and dissemination of foreground

A plan for use and dissemination of foreground (including socio-economic impact and target groups for the results of the research) shall be established at the end of the project. It should, where appropriate, be an update of the initial plan in Annex I for use and dissemination of foreground and be consistent with the report on societal implications on the use and dissemination of foreground (section 4.3 – H).

The plan should consist of:

- Section A

This section should describe the dissemination measures, including any scientific publications relating to foreground. **Its content will be made available in the public domain** thus demonstrating the added-value and positive impact of the project on the European Union.

- Section B

This section should specify the exploitable foreground and provide the plans for exploitation. All these data can be public or confidential; the report must clearly mark non-publishable (confidential) parts that will be treated as such by the Commission. Information under Section B that is not marked as confidential **will be made available in the public domain** thus demonstrating the added-value and positive impact of the project on the European Union.

Section A (public)

This section includes two templates

template A1: list of scientific (peer reviewed) publications, starting with the most important ones										
N O. Ü	Title	Main author	Title of the periodical or the series	Numb er, date or freque ncy	Publis her	Plac e of publi cation	Year of publi cation	Relevant pages	Permanen t identifiers ² (if available)	Is/Will open access ³ provided to this publication?
1	"MARine Litter in Europe Seas: Social Awareness and CO-Responsibility",	<i>Calilli, D., Di Berardo, M., et al.</i>	(Bolte, C., Rauch, F., eds, 2014), Enhancing Inquiry-based Science Education and Teacher' Continuous Professional Development in Europe: Insights and Reflections on the PROFILES Project and other Projects funded by the European Commission"	August , 2014	FreieU niversit ät Berlin (Germ any) / Klagen furt: Alpen-AdriaU niversit ät Klagen furt (Austri a)	Berli n, Ger many	2014	pp. 259-267	978-3-9816683-1-5	Yes http://www.marlisco.eu/tl_files/marlisco/mixed-images/Pictures%20News%20Section/PROFILES_book3_geringe-Aufloesung.pdf AND http://www.marlisco.eu/news-detail.en/items/marlisco-at-the-7fp-profiles-conference-in-berlin.html
2	Marine litter education boosts children's	Hartley, B. L., Thompson, R. C.,	Marine Pollution Bulletin	Vol .90	Elsevi er		2015	pp. 209-217	doi: 10.1016/j.marpolbul.2014.10.049	Yes, provided

² A permanent identifier should be a persistent link to the published version full text if open access or abstract if article is pay per view) or to the final manuscript accepted for publication (link to article in repository).

³Open Access is defined as free of charge access for anyone via Internet. Please answer "yes" if the open access to the publication is already established and also if the embargo period for open access is not yet over but you intend to establish open access afterwards.

	understandin g and self- reported actions	&Pahl, S.							
3	A novel best practices approach: The MARLISCO case	Xenia I. Loizidou, Michael I. Loizides, Demetra L. Orthodoxou	Marine Pollution Buletin	Vol. 88, Novem ber 2014	Elsevi er	Elsev ier	11/2 014	p.118- 128	

Template A1: List of all scientific (peer reviewed) publications relating to the foreground of the project

- Template A2: List of all dissemination activities (publications, conferences, workshops, web sites, articles published in the popular press, videos, media briefings, presentations, exhibitions, thesis, interviews)

These tables are cumulative, which means that they should always show all publications and activities from the project. Updates are possible at any time.

template A2: list of dissemination activities

N O .	Type of activities⁴	Main lead er	Title	Date/ Perio d	Place
	1. Italian news about on PROVTE website and Inform@zione newsletter issues	Provi nce of Tera mo	Italian news about on PROVTE website and Inform@zione newsletter issues	01/05 /2015	Teramo, Italy
	2. Festival – video dissemination, information desk	Provi nce of TER AMO	Green Nights (o.t. “Notti Verdi”) by Cerrano Tower Marine Protected Area	25- 28/08 /013	Pineto, Italy
	3. Video contest dissemination in festival	Provi nce of TER AMO	1 st Naturalistic Cinematography Festival in Pinetoby Cerrano Tower Marine Protected Area	13,/0 8/201 4	Pineto, Teramo, Italy
	4. Video contest dissemination in festival	Provi nce of TER AMO	Festambienteby Legambiente Association	16/08 /2014	Ripescia, GR, Italy
	5. Video contest dissemination in festival	Provi nce of TER AMO	Terra Nuova Film Festival	6- 7/06/ 015	Lucca, Italy
	6. Video contest	Provi	Euroscience Open	21-	Copenhagen, Denmark

⁴ A drop down list allows choosing the dissemination activity: publications, conferences, workshops, web, press releases, flyers, articles, briefings, presentations, exhibitions, thesis, interviews, films, TV clips, posters, Other.

⁵ A drop down list allows choosing the type of public: Scientific Community (higher education, Research), Industry, Civil Society, Policy (if possible).

	dissemination in festival	nce of TERAMO	Forum	26/06 / 2015	
7.	Conference – Poster, information desk	Province of Teramo	Waiting for green schooner by PROVTE with Province of Teramo with Legamente association and Coastal Action Group	01/08 /2014	Giulianova, Teramo, Italy
8.	Training days – speakers	Province of Teramo	Workshop about marine litter in schools	17/10 /2013	Nereto, Teramo, Italy
9.	Training days – speakers	Province of Teramo	Workshop about marine litter in schools	18/10 /2013	Teramo, Italy
10	Training days – speakers	Province of Teramo	Workshop about marine litter in schools	12/11 /2013	Giulianova, Teramo, Italy
11	Beach Cleaning Day	Province of Teramo	Beach Cleaning Day by Cerrano Tower Marine Protected Area	11/05 /2013	Marine Protected Area Cerrano Tower, Teramo
12	Beach Cleaning	Province of Teramo	Beach Cleaning day – Initiative Océanes by Cerrano Tower Marine Protected Area	23/03 /2014	Torre del Cerrano Marine Protected area, Teramo

13	Conference – poster	Province of Teramo	VIII Italian National Conference on River Contracts	9/12/2013	Florence, Italy – poster
14	Art contest	Province of Teramo	MARLISCO Art contest - 1st International award "Art of Marine Litter"	20-02/20 - 03/2014	Italy
15	Conference – speaker Alcaro, L., Di Berardo, M., "Marine Litter: achievable reduction measures together the Marine Framework Strategy Directive 2008/56/EC - the MARLISCO case"	Province of Teramo	Conference: "Plastics: resource or environmental hazard?" by University of Piemonteorientale	10/02/2014	Alessandria, Italy
16	Lesson about marine litter – speaker Alcaro	Province of Teramo	GeSLoPAN Master by University of Teramo	6/05/2014	Teramo, Italy
17	Conference – speakers in Part II: Project Opportunities, aiming at presenting the MARLISCO project and its main technical-scientific outcomes" and Part IV: Project Development with the "Stop Marine Litter in Adriatic sea" discussion table, information desk	Province of Teramo	AdriaPAN "Towards 2020" by Cerrano Tower Marine Protected Area	3-4/06/2014	Silvi Marina, Italy

18	Conference – information desk, posters, videos dissemination	Province of Teramo	PROFILES international conference on “How to enhance IBSE and Scientific Literacy’ in Europe”,	25-27/08/2014	Berlin, Germany
19	Conference – speaker Alcaro: Marine Litter Quantity, Typology and distribution and Best Practices for their reduction”	Province of Teramo	ECO-Happening by Reggio Emilia University	14/09/2014	Reggio Emilia, Italy
20	Conference – speaker at pre-meeting – 6/10	Province of Teramo	EurOCEAN 2014 by National Research Board et al.	7-9/10/2014	Rome, Italy
21	Conference – poster, Information desk	Province of Teramo	Italian National Conference on River Contracts	18-19/11/2014	Venice, Italy
22	Plenary presentation at Conference by Veiga J.	EUC C	International Conference on Prevention and Management of Marine Litter in European Seas	10-12/04/2013	Berlin, Germany
23	Presentation in parallel session by Veiga, J.	EUC C	MEDCOAST 2013 Global Congress on Integrated Coastal Management	30/10/3/11/2013	Marmaris, Turkey

24	Poster presentation at Conference by Ferreira, M.	EUC C	Littoral	22-26/09/2014	Klaipeda, Lithuania
25	Plenary pitch presentation at Conference by Ferreira, M.	EUC C	HealthyOceans – Productive Ecosystems (HOPE)	3-4/03/2014	Brussels, Belgium
26	Presentation and screening of videos in plenary By Veiga, J.	EUC C	7th European Maritime Days Ceremony	19/05/2014	Bremen, Germany
27	Presentation in parallel session at Conference by Ferreira, M.	EUC C	3rd International Symposium on Integrated Coastal Zone	14-17/10/2014	Antalya, Turkey
28	Presentation at Workshop By Veiga, J.	EUC c	Plastic Garbage Project workshop in the Middle East and NorthAfrica (MENA) Region	2-4/06/2014	Casablanca, Morocco

29	Briefing at Workshop By Veiga, J.	EUC C	8 th Meeting of the MSFD Technical group on Marine Litter	11-13/06/2014	Riga, Latvia
30	Videos screening By Veiga, J.	EUC c	Green Week Conference	3-5/06/2014	Brussels, Belgium
31	Videos screening at Conference by Kauffman, L.	EUC C	World Ocean Day	8/06/2014	Scheveningen, Netherlands
32	Presentation and posters at Workshop By Veiga, J.	EUC C with Ralph Schneider support (Plasticseurope)	Exchange of experiences to clean Guanabara Bay	10/03/2015	Rio de Janeiro, Brazil
33	Article in magazine	EUC C	Kust& Zee Gids http://www.kustenzee.nl/downloads/KZG13.pdf	06/2013	Netherlands
34	10 Articles in EUCC E-news	EUC C	EUCC E-news https://euccnews.wordpress.com/?s=marlisco&searchbutton=go!	2012-2015	Europe

35	Articles	EUC C	16 topics/articles in MARLISCO LinkedIn Group about MARLISCO	2012-2015	https://www.linkedin.com/grp/home?gid=48
36	Marine Litter awareness talks and presentations by Garnacho E. and Goldsmith D.	CEF AS	Marine Litter and MARLISCO	8 different activities in 2014	UK
37	UK MARLISCO FORUM By Garnacho E, Goldsmith D		Presentations and announcements	10 activities in 2014	UK
38	Various presentations at UK meetings related to monitoring and assessment of marine litter by Maes, T.	CEF AS	An average of 4 presentations per year	2013, 2014, 2015	UK
39	Project Presentation by Maes, T.	CEF AS	Interreg 2 Seas project MICRO Meeting	9 – 11/09/2014	Ostend, Belgium
40	Project Presentation by Maes, T.	CEF AS	OSPAR Regional Action Plan for Marine Litter, workshop	12 – 13/02/2014	Den Hague, Netherlands
41	Presentation of the MARLISCO project by Maes, T.	CEF AS	9th SETAC Special Science Symposium 'Risk assessment and management in marine systems: State of the art and the challenges	4-5/12/2014	Brussels, Belgium

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42	Presentation of the MARLISCO project at the meeting by Maes, T.	CEF AS	Mikroplastik in der Umwelt: Quellen, Folgen und Lösungen"	01/07 /2014	Koln (Germany)
43	Presentation of the MARLISCO project at the meeting by Maes, T.	CEF AS	ICES Meetings: Working group on biological effects (WGBEC), the Working group on marine sediments (WGMS) and the Marine Chemistry Working Group (MCWG)	3 – 7 th March 2014	Copenhagen (Denmark)
44	Presentation of MARLISCO project by Maes, T.	CEF AS	JPI Oceans Project meeting	27/02 /2014	Berlin (Germany)
45	Presentation of MARLISCO project by Maes T.	CEF AS	DEFISHGEAR Meeting	12/05 2014	Athens, Greece
46	Distributed MARLISCO project information, objectives and outcomes by Maes T.	CEF AS	EU Joint Monitoring Programme North Sea/Celtic Sea Project Meetings (JMP NS/CS).	24 – 25/04 /2014	Edinburgh (UK)
47	Distributed MARLISCO project information by Maes T.	CEF AS	Marine Litter Action Network (MLAN) meeting of Marine Conservation Society (MCS)	2 – 3/06/ 2014	Birmingham (UK)
48	Conference participation, By Maes T.	CEF AS	Microplastic conference	16/01 /2014	Brest, France
49	Workshop participation, By Maes T.	CEF AS	OSPAR Regional Action Plan Workshop	14- 16/05 /2014	Athens, Greece

50	Workshop participation, By Maes T.	CEF AS	Clean, Safe Seas Evidence Group (CSSEG) meeting	05/06 /2014	Athens, Greece
51	Workshop participation, By Maes T.	CEF AS	EU Technical Sub Group Descriptor 10 Marine Litter (TSG10)	9 - 13/06 /2014	Riga, Latvia
52	Workshop participation, By Maes T.	CEF AS	Seas At Risk event "Making the link: marine litter and the circular economy"	04/11 /2014	Brussels, Belgium
53	Workshop participation, By Maes T.	CEF AS	Nordic Council Marine Litter Workshop	6 - 7/11/ 2014	Oslo, Norway
54	Information & Exposition Booth	EUP R	Seafood Expo Global/Seafood Processing Global	26- 28/04 /2015	Brussels, Belgium
55	Exposition	EuP R	Fishing for Litter: challenges and opportunities - WFO and DG MARE	06/05 /2015	Brussels, Belgium

56	Workshop and Exposition Booth	EuP R	European Maritime Day	28 - 29/5/2015	Athens, Greece
57	Panel discussion & Presentation	EuP R	Black Sea Commission conference	10/2014	Istanbul, Turkey
58	Panel discussion	EuP C	Second HELCOM Workshop on Regional Action Plan for Marine Litter	22-23/10/2014	Stralsund, Germany
59	Conference Participation	EuP C	"Working towards a circular economy through increased sustainability in the maritime and fishing industry" by WFO	19/11/2014	Ostend, Belgium

60	Roundtable participation	EuP C	Global Ghost Gear Initiative (GGGI) Inauguration by World Animal Protection	13-14/11 / 2014	Ljubljana, Slovenia
61	Live demonstration & Launch	EuP C	Waste Free Oceans launch in Turkey	08/07 /2014	Kurugesme Arena, Besiktas, Turkey
62	Exhibition	EuP C	"No Design To Waste" by Ghent	07/07 /2014 – 10/12 /2014	Ghent, Belgium
63	Press event	EuP C	"Together towards a waste free North Sea" and Healthy Seas Launch by SDVO and WFO	14/05 2014	Ostend, Belgium
64	Conference & Panel discussions	EuP C	"Green Paper on Plastic Waste & Marine Litter" by WFO	24/05 /2013	Bruges, Belgium
65	Conference	EuP	"Marine Litter: Public and	7/03/	Brussels, Belgium

		C	Private Solutions will make a change towards Blue Growth” by WFO	2013	
66	Workshop & Exposition Booth	EuP C	European Maritime Day 2013	21 – 22/05 /2013	Valletta, Malta
67	Conference participation by Poitou, I.	MerT erre	Les macrodéchets : une pollution majeure issue des réseaux pluviaux	28/11 /2012	Hydroconcept/Lyon/Pollutec, France
68	Conference by Poitou, I	MerT erre	European day of environmental education and sustainable development	4/03/ 2013	Lyon, France
69	Conference	MerT erre	marine litter: new challenge for local authorities	4/04/ 2013	national school of environmental technicians France

70	Web diaporama	MerT erre	MARLISCO les déchets marins dans les mers d'Europe, la sensibilisation et la coresponsabilité	12/04 /2013	http://fr.slideshare.net/associationmerterre/marlisco
71	Press article	MerT erre	Isabelle Poitou's Interview on MARLISCO at La Marseillaise	6/05/ 2013	Marseille, France
72	Newsletter	MerT erre	La Méridionale participe à l'opération Calanques Propres, La Méridionale	01/05 /2013	Marseille & Corse, France
73	Radio interview	MerT erre	Femme formidable, by France Bleu Provence	20 - 24/05 /2013	Provence, France
74	Conference	MerT erre	Marine litter : a new challenge for all of us at Colbert High School	14/05 /2013	Marseille, France
75	Clean up	MerT erre	Clean Creeks	25/05 /2013	Ensues - Marseille - Cassis - La Ciotat, France
76	Press article	MerT erre	Opération Calanques Propres sur la Ciotat	26/05 /2013	La Provence, France
77	Clean up	MerT erre	Marine Litter awareness at Colbert High School Maronaise Beach	30/05 /2013	Marseille, France
78	Stand with awareness activities	MerT erre	City clean and flowery - Marine Litter awareness - Mayor of the 2nd and 3rd arrondissements of Marseille	1/06/ 2013	Marseille, France
79	Conference	MerT erre	Plastic waste: a worrying marine pollution at Meridionale Navigation Company	03/06 /2013	Marseille-Corse
80	Awareness and training	MerT erre	Marine litter: a pollution to assess, Environmental Office of Corsica	05/06 /2013	Corsica, France

81	Stand with awareness activities	MerT erre	Marine litter: a new pollution, at Primary school students of Rupione, by Environmental Office of Corsica	06-07/06/2013	Corsica, France
82	Web article	MerT erre	Enquête MARLISCO sur la perception des déchets en milieu marin	07/06/2013	http://ww2.ac-poitiers.fr/civique/spip.php?a
83	Conference	MerT erre	Plastic waste: a worrying marine pollution at Meridionale Navigation Company	09/06/2013	Marseille-Corse, France
84	Clean up	MerT erre	Marine Litter awareness at ADDAP 13	14/06/2013	Frioul – Marseille, France
85	Stand with awareness activities	MerT erre	Marine Litter awareness Training center for apprentices Arcs	20/06/2013	Arcs, France
86	Stand with awareness activities	MerT erre	Marine Litter awareness at Terre Marine Cap d'Agde	29-30/06/2013	Terre Marine Cap d'Agde, France
87	Press article	MerT erre	Mer polluée: notre santé en jeu	29/08/2013	La Provence, France
88	Clean up	MerT erre	Marine Litter awareness with Peace Boat	25/08/2013	France
89	Stand with awareness activities	MerT erre	Marine Litter awareness at AireLibre	31/08/2013 01/09/2013	Marseille, France
90	Exhibition	MerT erre	Marine Litter awareness at Commercial center "Bourse"	2- 7/09/2013	Marseille, France

91	Conférence	MerT erre	Marine Litter awareness at PlanèteUrgence	07/ 09/20 13	Marseille, France
92	Clean up	MerT erre	Marine Litter awareness at Company Isy	12 /09/2 013	Marseille
93	Clean up	MerT erre	Marine Litter awareness at Cpie Cote Provençale	14/09 /2013	Marseille, France
94	Clean up	MerT erre	Caracterization	21/09 /2013	Marseille, France
95	Roundtable	MerT erre	"Demain la Terre" at Hunamar NGO, Radio Dialogue	23/09 /2013	Marseille, France

96	Web article	MerT erre	Grande enquête nationale et européenne pour connaître votre perception des déchets en milieu marin	24/09 /2013	http://ecorem.fr/reseauter/wakka.php?wiki=NationaleEtEuropeennePourCon2
97	Conference - Animation of waste Commission	MerT erre	Assises Jeunes Méditerranée à Centre de découverte du Monde Marin	29/09 /2013	Nice, France
98	Stand - conference	MerT erre	Sciences Week at Secondary School Petit Prince Gignac	12/10 /2013	La Nerthe, France
99	Conference	MerT erre	Sciences Week at Ecoute ta Planète NGO	12/10 /2013	Châteauneuf les Martigues, France
100	Conference	MerT erre	Doctoriales at Sciences Faculty of Toulon - La Garde	18/10 /2013	Toulon - La Garde, France
101	TV Interview	MerT erre	News 13h	06/11 /2013	TF1
102	Discussion	MerT erre	Regional Day of the Sea by Regional Council PACA	21/11 /2013	Region PACA
103	Conference	MerT erre	Marine Litter awareness at High School Mendes France	27/11 /2013	Vitrolles, France
104	Conference	MerT erre	Marine Litter awareness at High School La Cabucelle	04/12 /2013	Marseille, France
105	Conference	MerT	Marine Litter awareness	23/01	Aix en Provence, France

		erre	at Faculty of letter Aix en Provence	/2013	
10	Conference	MerT erre	Marine Litter awareness-MARLISCO at High School SydoineAppolinaire Clermont Ferrand	12/12 /2013	France
10	Conference	MerT erre	Marine Litter awareness-MARLISCO at High School SydoineAppolinaire / St Chelyd'Apcher	12/12 /2013	France
10	Conference	MerT erre	Marine Litter awareness-MARLISCO at Secondary School FersenAntibes	16/12 /2013	France
10	Beach Litter Survey and A – L	MerT erre	Marine Litter awareness-MARLISCO at Secondary School Sydney Bechet Antibes	17/12 /2013	France
11	Conference	MerT erre	Marine Litter awareness-MARLISCO at School SacréCœur	27/01 /2014	Marseille, France
11	Conference	MerT erre	Marine Litter awareness-MARLISCO at High school Joliot Curie Aubagne	03/02 /2014	France
11	Press article	MerT erre	Video Contest MARLISCO at La Provence	9/02/ 2014	France
11	Beach Litter Survey DCSMM	MerT erre	Marine Litter awareness-MARLISCO at Toulon University	13 /02/2 014	France
11	Conference	MerT erre	Marine Litter awareness-MARLISCO AT High School la Cabucelle	14/02 /2014	Marseille, France
11	Beach Litter Survey DCSMM	MerT erre	Marine Litter awareness-MARLISCO at High School Joliot Curie/Cpie Côte Provençale / La Ciotat	17/02 /2014	France

11	Conference	MerT erre	Marine Litter awareness- MARLISCO at Faculty of Toulon	17/02 /2014	France
11	Radio Debate	MerT erre	Continent sciences Menances sur les oceans at France Culture	17/02 /2014	France
11	Beach Litter Survey DCSMM	MerT erre	Marine Litter awareness- MARLISCO at High school Curie/CpieCôteProvença le / La Ciotat	18/02 /2014	France
11	Web article	MerT erre	Déchetsdans les milieu aquatiques: des jeunes se mobilisent – video contest	01/03 /2014	http://www.fnepaca.fr/dechets-dans-milieu-jeunes-mobilis_7-actu_370.php
12	Conference	MerT erre	Marine Litter awareness- MARLISCO at High school la Cabucelle / Marseille	14/03 /2014	Marseille, France
12	Conference	MerT erre	Marine Litter awareness- MARLISCO and videos display at Salon les Nauticales / La Ciotat	16 - 17/03 /2014	La Ciotat, France
12	Press article	MerT erre	Les Nauticales; Journéeenvironnement	19/03 /2014	La Provence, France
12	Beach Litter Survey DCSMM	MerT erre	Marine Litter awareness- MARLISCO at Ecole du SacréCœur	20/03 /2014	Marseille, France
12	Beach Litter Survey DCSMM and A - L	MerT erre	Marine Litter awareness- MARLISCO at High schoolJoliot Curie/CpieCôteProvença le / Aubagne/La Ciotat	20/03 /2014	France
12	Conference	MerT erre	Marine Litter awareness- MARLISCO at High school la Cabucelle	21/03 /2014	Marseille, France
12	Conference	MerT erre	Marine Litter awareness- MARLISCO at	29/03 /2014	France

			vLessamedis du savoir Draguignan		
12	Press article	MerT erre	Dossier Les déchets en milieu marin at Le courrier de la Nature N°281	Marc h- Aprile / 2014	France
12	Awareness (Support = Exhibition)	MerT erre	Marine Litter awareness- MARLISCO at Journées du Film d'Environnement	03- 06/04 /2014	Aix-en-Provence, France
12	Conference	MerT erre	Marine Litter awareness- MARLISCO at Amis de berreChateauneuf les Martigues	10/04 /2014	France
13	Roundtable discussion	MerT erre	Marine Litter awareness- MARLISCO at Conférence Régionale/hô tel de la Région Marseille	15/04 /2014	Marseille, France
13	Beach Litter Survey DCSMM	MerT erre	Marine Litter awareness- MARLISCO at ADDAP 13 High school	09/05 /2014	Marseille, France
13	Conference	MerT erre	Marine Litter awareness- MARLISCO at School Canet	12/05 /2014	Marseille, France
13	Conference	MerT erre	Marine Litter awareness- MARLISCO at Primary School Bonneveine 2	13/05 /2014	Marseille, France
13	Conference	MerT erre	Marine Litter awareness- MARLISCO at Secondary School Tour Sainte	15/05 /2014	Marseille, France
13	Conference	MerT erre	Marine Litter awareness- MARLISCO at Ecole primaire Cap est	16/05 /2014	Marseille, France
13	Radio interview	MerT erre	Opération Calanques Pro pres	19 and 24/05 /2014	France Bleu Provence
13	Conference	MerT erre	MED EDUC at U Marinu NGO	23/05 /2014	Marseille, France

13	Clean up	MerT erre	Clean Creeks at Marseille CASSIS LA CIOTAT	25/05 /2014	Marseille, France
13	Conference	MerT erre	Marine Litter awareness- MARLISCO at resomedreseaumer	03/06 /2014	Marseille, France
14	Discussion	MerT erre	Rencontres d'Averoes	04/06 /2014	Marseille, France
14	Exhibition	MerT erre	Marine Litter awareness- MARLISCO at Holidays center MAS de l'Artaude / Le Pradet	7- 16/06 /2014	France
14	Exhibition	MerT erre	Marine Litter awareness- MARLISCO at Mayor of Vitrolles	16- 24/06 /2014	France
14	Exhibition	MerT erre	Marine Litter awareness- MARLISCO at Palais des Congès	24/06 – 07/07 2014	Ste Marie de la Mer, France
14	Conference	MerT erre	Marine Litter awareness- MARLISCO at School Praira/Vitrolles	17/06 /2014	France
14	Conference	MerT erre	Marine Litter awareness- MARLISCO at La Nautique	15/06 /2014	Marseille, France
14	Conference	MerT erre	Marine Litter awareness- MARLISCO at BokraSawa NGO	28/06 /2014	Marseille, France
14	Press article	MerT erre	Attention MerMalade at Journal du Mérou: Villa Méditerranée	07/20 14	Marseille, France
14	Radio emission	MerT erre	MerTerre and Marine litter at Radio Galère	08/07 /2014	France
14	Conference	MerT erre	Social Center Louis Braille St Priest /Port de Bouc	08/07 /2014	France
15	Clean up	MerT erre	Marine Litter awareness- MARLISCO at Social Center Louis Braille St Priest /Port de Bouc	9/07/ 2014	France
15	Animation	MerT	Marine Litter awareness-	10/07	France

		erre	MARLISCO at Social Center Louis Braille St Priest /Port de Bouc	/2014	
15	Awareness with exhibition	MerT erre	Awareness activities with exhibition at Rhône Movie Party at Cpie Rhône Arles	26/07 /2014	France
15	Web article	MerT erre	MerTerre aux Universités du Conseil Français des Urbanistes à Marseille et Exposition MARLISCO	25/08 /2013	http://www.mer-terre.org/modules.php?name=News&file=a
15	Exhibition and Conference	MerT erre	Summer University at Conseil Français des Urbanistes	29/08 /2014	Marseille, France
15	Web article	MerT erre	MerTerreaux fêtes du Canal de la Siagne à Cannes	03/09 /2014	http://www.mer-terre.org/modules.php?name=News&file=a
15	Awareness with exhibition	MerT erre	Fête du Canal de la Siagne at SICASIL	06/09 /2014	Cannes, France
15	Exhibition	MerT erre	Marine Litter awareness- MARLISCO at Jean Moulin High School	09-23/09 /2014	Draguignan, France
15	Beach Litter Survey DCSMM	MerT erre	Marine Litter awareness- MARLISCO at Rencontres Jeunes Méditerranée RESOMED Villefranche	24 - 25/09 /14	France
15	Exhibition	MerT erre	Marine Litter awareness- MARLISCO at Foire de Marseille	22/09 /2014 - to 3 october 2014	Marseille, France
16	Conference and clean up	MerT erre	Marine Litter awareness- MARLISCO at Axa à tout cœur	7/10/ 2014	Marseille, France
16	Conference	MerT erre	Marine Litter awareness- MARLISCO at Secondary school	9/10/ 2014	France

			Feuchères/Departmental Museum Arles Antique Arles		
16	Debate	MerT erre	Marine Litter awareness-MARLISCO at Campus l'UNESCO OUVERTE "L'Océann'est pas unepoubelle"	10/10 /2014	Paris
16	Exhibition	MerT erre	Marine Litter awareness-MARLISCO at Direction départementale des territoires et de la mer (DDTM)	15 - 17/10 /2014	Marseille, France
16	Conference	MerT erre	Anel Days "Coastal elected responsibilities today" at Association of Coastal elected (ANEL) La Rochelle	23/10 /2014	France
16	Exhibition	MerT erre	Marine Litter awareness-MARLISCO at Centre de Développement Culturel / Saint-Martin-de-Crau	27/10 - 14/11 /2014	France
16	Beach Litter Survey DCSMM	RAM OGE /Mer Terre	1st survey DCSMM Petite Afrique Beach Beaulieu at Beaulieu/Mer	17/11 /2014	France
16	Exhibition	MerT erre	Marine Litter awareness-MARLISCO at Merseilleveyre High School	17/11 - 01/12 /2014	Marseille, France
16	Press article	MerT erre	Les déchets sous surveillance at Nice Matin	20/11 /2014	France
16	Beach Litter Survey DCSMM	MerT erre/ Ecol e de Man age ment	Survey	22/11 /2014	Marseille, France

		EMD			
17	Beach Litter Survey DCSMM	RAM OGE /Mer Terre	1st survey DCSMM Pampelonne beach	25 novembre 2014	Ramatuelle, France
17	Beach Litter Survey DCSMM	MerTerre/ School of Management EMD	Survey	13/12 /2014	Marseille, France
17	Web article	MerTerre	Participez au Forum MARLISCO et proposez des solutions aux déchetsmarins !	22/12 /2014	http://www.mer-terre.org/modules.php?name=News&file=a
17	TV Debate	MerTerre	Océans ; poubelles du monde - Campagne TV Web	22 - 26/12 /2014	France
17	Web article	MerTerre	Deuxième enquête MARLISCO afin de connaître l'évolution de la perception des déchetsmarins en France	22/01 /2015	http://www.mer-terre.org/modules.php?name=News&file=a
17	Conference	MerTerre	a study of waste on beach at Professionnal High School of Horticulture Antibes	17/02 /2015	France
17	Web article	MerTerre	Participez au forum en ligne	17/02 /2015	http://www.mer-terre.org/modules.php?name=News&file=a
17	Press article	MerTerre	Forum Marlisco at 20 minutes	25/02 /2015	France
17	Press article	MerTerre	Forum Marlisco: MerTerre s'engage in contre les déchetsmarins in La Provence	25/02 /2015	France

17	Press article	MerT erre	Forum Marlisco. Marseille lutte contre les déchets marins in La Provence	25/02 /2015	France
18	Radio Interview	MerT erre	Forum Marlisco in Sud Radio	20/02 /2015	France
18	Press article	MerT erre	Empoisonner le monde in Zibeline N°82	02/03 /2015	France
18	Conference	MerT erre	Marine Litter awareness- MARLISCO in School of Managment EMD	19/03 /2015	Marseille, France
18	Conference	MerT erre	Marine Litter awareness- MARLISCO University of Toulon/La Garde	27/03 /2015	France
18	Beach Litter Survey DCSMM	RAM OGE /Mer Terre	2nd survey DCSMM Petite Afrique Beach by RAMOGE/MerTerre in Beaulieu/Mer	9/04/ 2015	France
18	Conference	MerT erre	Marine Litter awareness- MARLISCO in Lakanal College	20/04 /2015	Aubagne, France
18	River Clean up	MerT erre	Marine Litter awareness- MARLISCO in Gourganon / Le Beausset	25 /04/2 015	France
18	Beach clean up	MerT erre	Marine Litter awareness- MARLISCO at social Center APSER	6/052 015	Marseille, France
18	Web article	MerT erre	Compte rendu du Forum MARLISCO	18/05 /2015	http://www.mer- terre.org/modules.php?name=News&file=a
18	Beach clean up	MerT erre	Calanques Propres	23/05 /2015	Martigues, Marseille, Cassis, La Ciotat, Fra
19	Presentation	RRC Kope r	MARLISCO – project presentation at Mediterranean Coast Day	18/09 /2013	Slovenia
19	Presentation	RRC Kope r	MARLISCO – project presentation at premises RRC	30/11 /2013	Slovenia

19	Presentation	RRC Koper	MARLISCO – project presentation Lanthieri palace	22/04 /2014	Vipava, Slovenia
19	Presentation	RRC Koper	MARLISCO project preparation at Mediterranean Coast Day in Koper, premises RRC	19/09 /2014	Slovenia
19	Online article on Marine Litter, from the Forum by RRC-KOPER	RRC KOPER	Mikroplastika v morju vse večje težava (Microplastics in the sea are an increasing issue) in RTV SLO	04/02 /2015	National radio and television website (RTV) http://www.rtv-slo.si/okolje/mikroplastika-v-morju-vse-vecje-tezava/357565
19	Article on Marine Litter, from the Forum by RRC-KOPER	RRC Koper	V morjemečemoplastiko, ki jo natopjemo (We eat the plastic, we throw in the sea) in Primorske Novice – regional daily newspaper	05/02 / 2015	Primorske Novice – daily newspaper and http://www.primorske.si/Novice/Istra/V-morjemečemoplastiko,-ki-jo-nato-pojemo
19	Talk show, which was dedicated to the issue of marine litter by RRC-KOPER (screening of the promotional video for the Video Contest, national award winning video, and the project's animation short film)	RRC Koper	Izostritev - Speaker at the talk show	26/02 /2015	Studio TV Koper-Capodistria http://4d.rtv-slo.si/arhiv/izostritev/17432207
19	Workshop on the issue of marine litter (screening of the promotional video for the Video Contest, national award winning video, and the project's animation short film) by RRC-KOPER	RRC Koper	MARLISCO – workshop on the issue of marine litter at Koper High School (Gimnazija Koper)	27/03 /2015	Slovenia
19	Presentation	RRC Koper	MARLISCO – project presentation at	06/05 /2015	Portorož, Marina

		r	International boat show		
19	Article	RRC Kope r	MARLISCO – presentation of project – in Internautica 15 Catalogue	05/20 15	Portorož, Slovenia
20	Presentation	RRC Kope r	MARLISCO – project presentation at Technology park	19/05 /2015	Ljubljana, Slovenia
20	Presentation	RRC Kope r	MARLISCO – project presentation	May/ 2015	http://www.rrc-kp.si/sl/kdo-smo/aktualni-projekti/marlisco.html
20	Article about MARLISCO	RRC Kope r	MARLISCO – presentation of project in EOL Magazine (printed version) and on-line	06/20 15	http://www.zelenaslovenija.si/images/stories/OL_99.pdf (page 18)
20	presentation at Conference by Doyle, T.	NUIC - UCC	International Conference on Prevention and Management of Marine Litter in European Seas	10- 12/04 /2013	Berlin, Germany
20	Screening of Irish entries to the MARLISCO video competition at film festival	NUIC - UCC	First Cut Youth Film Festival	28/02 /014	Youghal, Co Cork, Ireland
20	Public Talks on Marine Litter by Doyle, T.	NUIC - UCC	MARLISCO outreach to community groups	In 2013, 2014 and 2015	Cobh, Crosshaven, Cork, An Taisce Clean Symposium Coastcare Merit Awards in Dubl Ocean Heroes Award in Dublin, Clean Coa Dingle
20	National Press cover Irish Marine Litter Forum	NUIC - UCC	Citizen science and consumer power take to the coast on Irish Times	5/04/ 2015	http://www.irishtimes.com/news/ireland/irish-citizen-science-and-consumer-power-take-to-the-coast

20	Online Article on Marine Litter Forum	Kathrin Kopke	MARLISCO Ireland update – the Irish Marine Litter Forum on CMRC website	16/04 / 2014	http://www.cmrc.ie/news/2014/04/16/marlisco-update-%E2%80%93-the-irish-marine-litter-forum-on-cmrc-website distributed via MARLISCO Ireland facebook
20	Online Article on Marine Litter Exhibition Launch	NUIC - UCC	Launching the Marlisco Marine Litter Exhibition in CMRC website	26/09 /2014	http://www.cmrc.ie/news/2014/09/26/launching-marlisco-marine-litter-exhibition-.html
20	Flyer	NUIC - UCC	MARLISCO video competition at the First Cut! Youth Film Festival	01/20 15	CMRC website http://www.cmrc.ie/news/2014/01/15/marlisco-competition-at-the-first-cut-youth-film-festival Shared via MARLISCO Ireland Facebook
21	Online article	Mare Nostrum	Together we stop marine litter !	9/08/ 2013	https://aliantapentruconservareabiodiversitatii.ro/2013/08/09/685/
21	Online article	Mare Nostrum	MARLISCO (MARine Litter in Europe Seas: Social Awareness and CO-Responsibility)	14/09 /2014	http://marinelitternetwork.org/projects/marlisco-europe-seas-social-awareness-and-co-responsibility
21	Online article	Mare Nostrum	Final meeting MARLISCO , Rome, February 2015	03/03 /2015	Mare Nostrum NGO Blog https://ongmarenostrum.wordpress.com/2015/02/03/ea-finala-marlisco-roma-februarie-2015/

21	Online article	Mare Nostrum	MARLISCO National Fora	19/11/2014	Mare Nostrum NGO Blog https://ongmarenostrum.wordpress.com/2014/11/19/national-marlisco/
21	Online article	Mare Nostrum	MARLISCO – project about marine litter	18/09/2014	Mare Nostrum NGO Blog https://ongmarenostrum.wordpress.com/2014/09/18/o-un-proiect-pe-tema-deseurilor-marine/
21	Online article	Mare Nostrum	“Know Feel Act! To Stop Marine Litter”, training	31/07/2014	Mare Nostrum NGO Blog https://ongmarenostrum.wordpress.com/2014/07/31/te-simte-actiuneaza-pentru-limitarea-deseurilor-marine/
21	Online article	Mare Nostrum	Award ceremony of the MARLISCO video contest	17/04/2014	Mare Nostrum NGO Blog https://ongmarenostrum.wordpress.com/2014/04/17/premiere-a-concursului-video-european-marine-deseurilor-marine/
21	Online article	Mare Nostrum	MARLISCO Video Contest	19/02/2014	Mare Nostrum NGO Blog https://ongmarenostrum.wordpress.com/2014/02/19/o-concursul-video-european-pe-tema-deseurilor-marine/
21	Online article	Mare Nostrum	MARLISCO Video Contest launch	09/09/2013	Mare Nostrum NGO Blog https://ongmarenostrum.wordpress.com/2013/09/09/dat-startul-concursului-video-marlisco/

21	Online article	Mare Nostrum	Marine Litter in European Seas - Social Awareness and Co-Responsibility	18/12/2012	Mare Nostrum NGO website http://marenostrum.ro/18-12-2012-proiectul
22	Online article	Mare Nostrum	Dolphin Day 2014	8/08/2014	Mare Nostrum NGO Blog https://ongmarenostrum.wordpress.com/2014/08/08/mare-nostrum-a-sarbatorit-delfinii/
22	Online article	Mare Nostrum	Sea in a aquarium	18/06/2014	Mare Nostrum NGO Blog https://ongmarenostrum.wordpress.com/2014/06/18/inceput-luna-iunie-cu-marea-in-acvariu/
22	Online article	Mare Nostrum	Dolphin Day 2013	16/08/2013	Mare Nostrum NGO Blog https://ongmarenostrum.wordpress.com/2013/08/16/delfinului-2013/
22	Online article	Mare Nostrum	Plastic Black Sea exhibition	30/05/2013	Mare Nostrum NGO Blog https://ongmarenostrum.wordpress.com/2013/05/30/ziua-mediului-expozitie-de-arta-marea-neagra/
22	Press release & Interviews	Mare Nostrum	National Forum MARLISCO	10/2014	13 appearances in print and online media, on radio and 4 appearances on TV, on local posts – Romania
22	Press release & Interviews	Mare Nostrum	MARLISCO & Mare Nostrum Coastwatch	12/2012	6 appearances in print and online media –
22	Press release & Interviews	Mare Nostrum	Video Contest ambassador	02/2014	9 appearances in print and online media, 2 radio
22	Press release & Interviews	Mare Nostrum	Video Contest launch	09/2013	5 appearances in print and online media, 1 radio

22	Press release & Interviews	Mare Nostrum	Exhibition launch	06/2014	10 appearances in print and online media
22	Press release & Interviews	Mare Nostrum	Sea in a aquarium	June 2014	11 appearances in print and online media a appearance on TV, on local post, 2 appear
23	Press release & Interviews	Mare Nostrum	Plastic Black Sea exhibition	06/2014	19 appearances in print and online media a appearances on TV, on local posts, 2 appe radio
23	Press release & Interviews	Mare Nostrum	Award ceremony of the MARLISCO video contest	03/2014	9 appearances in print and online media, 2 radio
23	Press release & Interviews	Mare Nostrum	Dolphin Day 2014	08/2014	16 appearances in print and online media a appearances on TV, on local posts, 4 appe radio
23	Press release & Interviews	Mare Nostrum	Dolphin Day 2013	08/2013	10 appearances in print and online media a appearances on TV, on local posts, 3 appe radio
23	Conference	Mare Nostrum	Mare Nostrum Projects results in 2014	10/12/2014	Constanta, Romania
23	presentations	Mare Nostrum	Video Contest & MARLISCO activities	10/2013 – 01/2014	15 class presentations, schools from Const
23	presentations	Mare Nostrum	MARLISCO activities	10/2014 – 04/2015	29 class presentations, schools from Const
23	workshops	Mare Nostrum	Modern methods of education for sustainable development	04/2015	Constanta, Romania
23	workshops	Mare Nostrum	Education for sustainable development	09/11/2013	Constanta, Romania

23	workshops	Mare Nostrum	Education for sustainable development	10/2012	Constanta, Romania
24	workshops	Mare Nostrum	Black Sea Box	01-9/2014	Constanta and Tulcea, Romania
24	videos	Mare Nostrum	"How would be to find home all you left on the beach?"	18/05/25 - 08/2015	in 100 public transport buses from Constanta
24	Article published in peer-reviewed journal	Mare Nostrum	Award ceremony of the MARLISCO video contest	25/04-24/05/2014	Infomedi Europe magazine – Year9, nr.4 24 May 2014
24	Coastal Newsletter articles	EUC C-D	Newsletter publication about marlisco: 2/2012; 4/2012; 1/2013; 2/2013; 3/2013; 4/2013; 5/2013; 6/2013; 1/2014; 3/2014; 4/2014; 5/2014; 6/2014; 1/2015	All project	Rostock/Warnemünde, Germany
24	Press/Print Newspaper	EUC C-D	"OstseeZeitung"	16/03/2013	Rostock/Warnemünde, Germany
24	Press/Print Newspaper	EUC C-D	"OstseeZeitung"	19/03/2013	Rostock/Warnemünde, Germany
24	Press/Print Newspaper	EUC C-D	NorddeutscheNeuesteNachrichten	20/03/2013	Rostock/Warnemünde, Germany
24	Press/Print Newspaper	EUC C-D	NorddeutscheNeuesteNachrichten	30/09/2014	Rostock/Warnemünde, Germany
24	Press/Print Newspaper	EUC C-D	"OstseeZeitung" – article about the German Marlisco Forum	19/03/2015	Rostock/Warnemünde, Germany - http://www.zeitung.de/Region-Rostock/Rostock/Fischerei-und-Plastik-verschmutzen-den-Strand
24	Publication magazine MuK	EUC C-D	Meer&Küste. Deutsche Ostsee	05/2014	Rostock/Warnemünde, Germany - http://www.d.de/tl_files/eucc_images/img/zeitschriften/Meer_u_Kueste2014_E-Book.pdf
25	Presentation	EUC C-D	Information event "Was ist dran an Schätzings Schwarm?" by ANU M-V	12/2012	Güstrow, Germany

25	Presentation	EUC C-D	Workshop Winterakademie 2013 „Wie kommt die Ostsee in die Schule? Nachhaltiges Lernen mit Regionalbezug“	02/20 13	Rostock, Germany
25	Presentation	EUC C-D	Presentation Arbeitskreisberatung "Umwelttag 2013" by StALU MM/Rostock	01/20 13	Rostock, Germany
25	Events	EUC C-D	Beach clean-up by Ocean Initiative/EUCC-D	03/20 13	Warnemünde/Hohe Düne, Germany - http://d.de/muellsammelaktion-auszeichnung.htm
25	Events	EUC C-D	Project days Kooperative Gesamtschule Rostock	04/20 13	Rostock, Germany
25	Events	EUC C-D	Beach clean-up	04/20 13	Warnow/Rostock, Germany - http://www.eucc-d.de/muellsammelaktion-auf-der-warnow.htm
25	Events	EUC C-D	Big Jump „Welle machen für sauberes Wasser“	07/20 13	Warnow/Rostock, Germany - http://www.eucc-d.de/welle-machen-fuer-sauberes-wasser.html
25	Events	EUC C-D	Project days im Rahmen des internationalen Jugendprogramms „Let's sail together 2013“	08/20 13	Kiel, Germany - http://www.kompass-verein.de/board-lets-sail-together-2013/
25	Events	EUC C-D	Beach Clean-up with the Ecole Internationale Sch ule	09/20 14	Rostock/Warnemünde (Wilhelmshöhe), Germany - http://www.eucc-d.de/muellsammelaktion-nachhaltigkeitswoche-internationale-schule-rostock.html
25	Events	EUC C-D	Beach clean-up with the Freiwilliges Ökologisches Jahr (FÖJ) Schwerin	19/11 /2014	Rostock/Hohe Düne, Germany
26	Events	EUC C-D	Beach clean-up with the Freiwilliges Ökologisches Jahr (FÖJ) Schwerin	26/11 /2014	Rostock/Warnemünde, Germany
26	Panel discussion by UBBSLA	UBB SLA	"MARELITT" – Protecting the clean sea: responsibility for all"	26/09 /2014	Nesebar, Bulgaria

26	Fish and other Art Festival "Autumn Passages"	UBB SLA	Workshop on Prevention and Management of Marine Litter in European Seas by Nesebar municipality in cooperation with UBBSLA / International Black Sea Day	31/10 /2015	Nesebar, Bulgaria
26	Presentation	UBB SLA	Marine Litter Monitoring: Social Awareness and co-responsibility by General Assembly meeting	18/12 /2014	Varna, Bulgaria
26	Workshop	UBB SLA	Challenges for Tourist season 2015 by Bulgarian Association for hotels and restaurants	10/03 /2015	Varna region, Bulgaria
26	TV Program	UBB SLA	Nature and Environmental TV program by National TV Varna Regional TV Program	31/10 /2014	Varna, Bulgaria
26	Regional Tourist Conference	UBB SLA	Black Sea protection and Marine Pollution by Bulgarian Association for hotels and restaurants	25 - 27/03 /2014	Varna, Bulgaria
26	Presentation and Training	UBB SLA	Marine Litter Education to Secondary School Students, by UBBSLA in cooperation with Youth club "Think Green"	19/11 /2014	Balchik, Bulgaria
26	Presentation and Training	UBB SLA	Climate change: Education to Secondary School Students by UBBSLA in cooperation with Youth club "Think Green"	25/11 /2014	Balchik, Bulgaria
26	Exhibition "Art from	UBB	Art from Marine Litter by	6/06/	Varna, Bulgaria

	Marine Litter"	SLA	Regional TV program	2015	
27	Presentation, Training and study visit	UBB SLA	Marine Litter Education to Secondary School Students by UBBSLA in cooperation with Youth club "Think Green"	03/12 /2014	Balchik, Bulgaria
27	Presentation, Training and study visit	UBB SLA	Climate change Education to Primary School Students by UBBSLA in cooperation with Youth club "Think Green"	19/03 /2015	Balchik, Bulgaria
27	International Exhibition	UBB SLA	Environmental Education and Implementation Project in Schools Meeting VIA EXPO Black Sea Energy Cluster	11 - 13/03 /2015	Sofia, Bulgaria
27	UzanaPoilyana Fest	UBB SLA	Marine Litter Education by "Time Projects" NGO	18 - 20/07 /2014	Uzana, Bulgaria
27	Intelligent Energy Days Varna 2014 by UBBSLA	UBB SLA	Marine Litter and Energy Efficiency by Varna Municipality in cooperation with UBBSLA	15 - 17/05 /2014	Varna, Bulgaria
27	Conference by UBBSLA	UBB SLA	TRT1 Radio- Marine Life Program by Ten Eco Port	17/09 /2014	Riviera resort, Bulgaria

27	Discussion	UBB SLA	ICZM: Preparation of Strategic Action Plan by Varna Governor's office	07/05 /2015	Varna, Bulgaria - http://www.moreto.net/novini.php?n=28842
27	Clean up activity	UBB SLA	Let's clean up our Sea by OCOSUR	09/05 /2014	Varna, Bulgaria
27	Clean up activity	UBB SLA	Underwater and Beach Cleaning	16/05 /2015	Varna,Bulgaria
27	Clean up activity	UBB SLA	Clean up our Sea by Black Sea NGO network	24/05 /2015	Varna, Bulgaria - http://www.bluelink.net/novini.php?n=28842
28	Web Article	Plasticseurope	Let's STOP LITTERING!	20/05 /2014	http://www.plasticseurope.org/information-centre/news/news-2014/lets-stop-littering.a
28	Press release distribution with the occasion of opening public vote	Plasticseurope	Abierto el plazo de votación del Concurso Escolar Europeo de Videos sobre Marine Litter	08/05 /2014	Spain
28	Press release distribution after	Plasticseurope	Alumnas del IES Isidra de Guzmán ganan la	08.05 .2014	Alcalá de Henares, Madrid, Spain

	national award ceremony by Ruiz, L.	ope	edición española del Concurso europeo de Videos Marlisco		
28	Press release distribution after European award ceremony	Plasticseur ope	Alumnas del IES Isidra de Guzmán reciben en Bremen el premio del Concurso Europeo de Videos Marlisco	20/05/2014	Alcalá de Henares, Madrid, Spain
28	Presentation by Isabel Raposo	FCT UNL	Clean up the Atlantic, event promoted by Cascais Municipality	14/05/2012	Cascais, Portugal
28	Presentation by Isabel Raposo	FCT UNL	Film Festival Beneath the Wave promoted by NGO Sciaena by Algarve University	2/10/2013	Faro, Portugal
28	Presentation by Lia Vasconcelos and Flávia Silva	FCT UNL	Celebration of the National Day of the Sea in an event promoted by Sesimbra municipality, MARGov project and UNESCO	16/11/2013	Sesimbra, Portugal
28	Video	FCT UNL	News about MARLISCO in programme "Green Minute" displayed at national TV RTP1	12/2013	Available online https://www.youtube.com/watch?v=AtmYtl
28	Interview by Sobral, P.	FCT UNL	Paula Sobral was interviewed by the online radio "Aquecimento verbal"	12/2013	Available online https://www.youtube.com/watch?v=LkiLmL
28	Publication	FCT-UNL	Dissemination of MARLISCO contests in a national school portal	01/2014	Portugal https://www.portaldasescolas.pt/portal/servnot%C3%ADcias/241/Ver%20Not%C3%A=022010422&dID=34736

29	Presentation and exhibition by Flávia Silva	FCT UNL	10 th Regional Encounter of Environmental Education of Algarve	23/05 /2014	Algarve, Portugal
29	Interview by Flávia Silva	FCT UNL	CISAVE TV (School radio)	05/20 14	Guimarães, Portugal
29	Presentation by Lia Vasconcelos	FCT UNL	XVI Encontro da Rede de Estudos Ambientais em Países de Língua Portuguesa (XVI Encounter of Environmental Studies of Portuguese Speaking Countries)	5-10/05 /2014	Manaus, Brasil
29	Presentation in a seminar by Isabel Raposo	FCT UNL	"Ocean pollution" promoted by Sines Municipality	07/05 /2014	Sines, Portugal
29	Interview by Isabel Raposo	FCT UNL	Interview for Sines local radio	07/05 /2014	Sines, Portugal
29	Interview by Isabel Raposo	FCT UNL	Interview for newspaper "Dica da semana"	07/05 /2014	Portugal
29	Poster presented in a conference by Filipa Ferro	FCT UNL	ECSA 54 - Coastal systems under change: tuning assessment and management tools	12-16/05 /2014	Sesimbra, Portugal http://ecsa54.fc.ul.pt/images/Programme%00of%20abstracts%20ECSA54.pdf

29	Interview by Lia Vasconcelos	FCT UNL	RTP Azores (News about Marlisco Forum in Azores)	27/05/2014	Azores Archipelago, Portugal Available at http://www.rtp.pt/acoes/sociedade-recebem-reuniao-internacional-sobre-lixo-com-36437
29	Interview	FCT-UNL	Mini documentary in Setúbal TV	07/2014	Setúbal, Portugal
29	Presentation by Paula Sobral	FCT UNL	Action Training for Teachers: Marine Debris, A global problem with local expression	15-16/07/2014	Alcobaça, Portugal
30	Interview by Flávia Silva	FCT UNL	Telejornal (night news programme displayed at national TV RTP1)	08/2014	Portugal
30	Interview by Paula Sobral	FCT UNL	Newspaper "Ambiente Online"	10/2014	Portugal - Interview available at http://www.ambienteonline.pt/canal/detalhe-comentada-paula-sobral-coordenadora-nao-projecto-marlisco
30	Interview by Flávia Silva	FCT UNL	RTP Madeira (TV Channel)	10/2014	Madeira Archipelago
30	Forum (not foreseen in Dow)	FCT-UNL	Regional Forum on Marine Litter	3/10/2014	Madeira Island
30	Interview by Paula Sobral	FCT UNL	Jornal Economia do Mar" newspaper	10/2014	Portugal
30	Interview by Flávia Silva	FCT UNL	CISAVE TV (School radio)	01/2015	Guimarães, Portugal
30	Interview by Flávia Silva	FCT UNL	Gualtar School Radio	01/2015	Gualtar, Portugal
30	Workshop	FCT UNL	Atlantic Stakeholder Platform Conference	19-20/01/2015	Porto, Portugal
30	Presentation by	FCT	National Eco-School	23-24	Monção, Portugal

	Flávia Silva	UNL	Seminar 2015	/01/2015	
30	Presentation by Isabel Raposo	FCT UNL	Highlight the coast – coastal erosion, marine litter and pollution seminar	14/02/2015	Odemira, Portugal
31	Presentation by Paula Sobral	FCT UNL	Presentation about MARLISCO project promoted by CPAS (Portuguese Centre of Underwater Activities)	20/02/2015	Lisbon, Portugal
31	Presentation by Isabel Raposo	FCT UNL	MARCH Meeting – Sustainable cities at “Pavilhão do Conhecimento”	06/03/2015	Lisbon, Portugal
31	Forum not foreseen in Dow	FTU NL	Regional Forum on Marine Litter	31/05/2014	Faial Island, Azores
31	Other	FCT- UNL	Children's Contest - MARLISCO Tale's (stories about marine litter)	6-23/03/2014	Portugal
31	Other	FCT- UNL	Children's Contest – MARLISCO Anthem	6-2/03/2014	Portugal
31	Interview by Paula Sobral	FCT UNL	Jose Candeias Programme in Antena 1, a national radio	04/2015	Portugal

31	Presentation by Paula Sobral	FCT UNL	3 rd Conference of Marine Sciences	29/04 /2015	Alfeite, Portugal
31	Article published in the media by Paula Sobral	FCT UNL	Article about MARLISCO exhibition published in "Público", a national newspaper	30/04 /2015	Article available at http://www.publico.pt/local/noticia/exposicao-mostra-o-problema-do-lixo-marinho-a-esca-1694076
31	Interview by Paula Sobral	FCT UNL	APAMB association bulletin	05/20 15	Setúbal, Portugal
31	Interview by Paula Sobral and Flávia Silva	FCT UNL	Interview to Lusa News Agency	20/05 /2015	News published in several social media in (e.g.) http://visao.sapo.pt/projeto-europeu-alerta-portugueses-para-problema-grave-de-lixo-marinho=f820271 http://portocanal.sapo.pt/noticia/59608/
32	Presentation	MIO-ECS DE	Marine Litter Week	12-16 May 2015	Athens (Zappeion & UoA), Greece
32	Poster in Conference	MIO-ECS DE	World Environmental Education Congress – WEEC – 2015	Jun 29 – Jul 2 2015	Gothenburg, Sweden
32	Co-organization of side event	MIO-ECS DE	18th Ordinary Meeting of the Contracting Parties to the Barcelona Convention for the Protection of the Marine Environment and the Coastal Region of the	December 2013	Istanbul - http://mio-ecsde.org/mio-ecsde-w-18th-ordinary-meeting-of-the-contracting-parties-to-the-barcelona-convention-for-the-protection-of-the-marine-environment-and-the-coastal-region-of-the-mediterranean/

			Mediterranean and its Protocols, organized by the UNEP/MAP Secretariat in Istanbul on 3-6 December, 2013		
32	Dissemination of MARLISCO activities at a marine litter event	MIO-ECS DE	Marine Litter at the European level by Seas at Risk	03/2013	Brussels, Belgium
32	Dissemination of MARLISCO activities, including a poster at a conference by MIO-ECSDE	MIO-ECS DE	International Conference on Prevention and Management of Marine Litter in European Seas by The German Federal Environment Agency (UBA) and the European Commission DG Environment	04/2014	Berlin, Germany
32	Presentation of MARLISCO's activities entitled 'Reducing Marine Litter for the Sake of the Environment and Blue Growth'	MIO-ECS DE	Sustainable Tourism and Ecotourism in the Mediterranean in the wider context of Blue Growth: Challenges & Opportunities	03/2013	Valetta, Malta
32	Dissemination of MARLISCOs activities	MIO-ECS DE	Meeting of Government-designated Experts to Review the Regional Plan on the Marine Litter Management in the Framework of Article 15 of the LBS Protocol by UNEP/MAP-MEDPOL	05/2013	Barcelona, Spain
32	Dissemination of MARLISCOs activities by MIO-	HCM R	Coordinators Meeting of EU Projects in the Mediterranean and the	June 2013	Athens, Greece

	ECSDE		Black Sea regions		
32	Dissemination of MARLISCOs activities with a presentation	MIO-ECSDE	Expert Group Meeting for the Global Sustainable Development Report by UN Department of Economic and Social Affairs/Division for Sustainable Development (DESA/DSD) together with the Government of Croatia	10/2013	Dubrovnik, Croatia
32	Dissemination of MARLISCO activities as panellist at stakeholder seminar	MIO-ECSDE	Blue growth in the Adriatic and Ionian Region by EUSAIR	11/2013	Brussels, Belgium
33	Dissemination of MARLISCO activities with key intervention at a marine litter conference	MIO-ECSDE	Mediterranean Marine Litter Week	05/2014	Athens, Greece
33	Dissemination of MARLISCO activities and lessons learned at a stakeholders	MIO-ECSDE	Consultation meeting for the drafting of the SCP Action plan for the Mediterranean by	October 2014	Marseille, France

	event		UNEP/MAP-CP/RAC		
33	Dissemination of MARLISCO experiences at a marine litter meeting	MIO-ECS DE	Meeting on the elaboration of the Marine Litter Watch App by EEA	10/2014	Copenhagen, Denmark
33	Dissemination of MARLISCOs lessons learned and outputs as panellist	MIO-ECS DE	The Beyond Plastic Med Conference at Prince Albert II Foundation	03/2015	Monaco, Swiss
33	Dissemination of MARLISCOs lessons learned and outputs as presenter	MIO-ECS DE	DeFishGear Marine Litter Conference by RERA/DEFISHGEAR	03/2015	Split, Croatia
33	Dissemination of MARLISCOs lessons learned and output	MIO-ECS DE	CORMON Group Meeting by UNEP/MAP-MEDPOL	04/2015	Athens, Greece
33	Dissemination of MARLISCOs lessons learned and outputs as key speaker/panellist	MIO-ECS DE	UfM stakeholders Conference on Blue Growth by UfM	05/2015	Athens, Greece
33	Dissemination of MARLISCOs best practice on FfL as key speaker/panellist	MIO-ECS DE	Innovative business models for marine litter in Europe by MIO-ECSDE & HEALTHY SEAS	05/2015	Athens, Greece

33	MARLISCO exhibition booth at the EMD 2015 by MIO-ECSDE	MIO-ECSDE	European Maritime Day 2015 (http://mio-ecsde.org/marliscos-curtain-fell-with-a-standing-ovation-at-the-european-maritime-day-2015/)	05/2015	Athens, Greece
33	Dissemination of MARLISCO's lessons learned at a marine litter international summer school	MIO-ECSDE	The growing threat of marine litter: from marine observations and knowledge to concrete actions towards solutions (http://sabotin.ung.si/~isschool/DeFishGear/) by University of Nova Gorica	03/2015	Nova Gorica, Slovenia
34	Workshop	MIO-ECSDE	The Preparation of The Strategic Action Plan and The Pilot Project for Marine Litter by Ministry Of Environment And Urbanisation	01/01/2013	Istanbul, Turkey
34	Panel discussion	MIO-ECSDE	The Poaching and Problems of Fisheries around Prince Islands at Prince Islands (Marmara Sea) Municipality	19/02/2013	Istanbul, Turkey
34	Conference by Kimo and TUDAV	KIMO and TUDAV	Conference on Prevention and Management of Marine Litter in European Seas by UBA, BMU, EC	10 – 12/04/2013	Berlin, Germany

34	Presentation by TUDAV	TUD AV	Marine Litter Monitoring and Evaluation Meeting by TUBITAK (National Science Council)	17/07 /2013	Kocaeli, Turkey
34	Radio program	TUD AV	Radio The Voice of Russia, nature and environmental issues are spoken in the program in Regional Radio Program	16/09 /2013	Istanbul, Turkey
34	TV Program	TUD AV	IMC TV. Nature and environmental Tv program in Regional Tv Program	24/09 /2013	Istanbul, Turkey
34	Workshop	TUD AV	Teacher Training Seminar about the Marmara Sea and Marine Pollution by Istanbul Governorship Urbanism and Environment Directorate	16-17/01 /2014	Istanbul, Turkey
34	TV Program	TUD AV	24 TV, Nature Program by Regional Tv Program	03/07 /2014	Istanbul, Turkey - https://www.youtube.com/watch?v=nv4zyy
34	Presentation	TUD AV	Marine Litter Education to Primary School Students	03/11 /2014	Istanbul, Turkey
34	TV Program	TUD AV	CNN Turk TV. Nature and environmental program in CNN Turk	6/12/ 2014	Istanbul, Turkey - https://www.youtube.com/watch?v=HLpKh
35	Interview	TUD	"İtalik Journal" is a	01/20	Istanbul, Turkey

		AV	publication, published by students from faculty of communication by İstanbul Commerce University	15	
35	Presentation	TUD AV	Environmental Education and Implementation Project in Schools Meeting by Ministry Of Environment And Urbanisation	30/03 /2015	Istanbul, Turkey
35	Education and Clean up	TUD AV	Marine Litter Education and clean up activity	01/05 /2015	Istanbul, Turkey
35	Presentation	TUD AV	Marine Litter Education	04/05 /2015	Antalya,1 Turkey
35	Radio program	TUD AV	TRT1 Radio- Marine Life Program in Regional Radio ProgramInternational Association for Environmental Communication	07/05 /2015	Turkey
35	Clean up activity	TUD AV	Let'sclean up Europe	09/05 /2015	Istanbul, Turkey
35	Clean up activity	TUD AV	Underwater and Beach Cleaning	16/05 /2015	Gökceada, Turkey
35	Clean up activity	TUD AV	Clean up the MED by Legambiente	24/05 /2015	Istanbul, Turkey
35	Interview	KIM O	Regional Radio Program	10/07 /2013	Northern Denmark
35	Presentation	KIM O	School classes in Lemtrupskolen	09/09 /2013	Lemvig, Denmark
36	Presentation	KIM O	KIMO Annual meeting and conference	14-15/09 /2013	Faroe Islands
36	Presentation	KIM O	School classes in Brorsonsskolen	11/12 /2013	Varde, Denmark
36	Presentation	KIM	Out to Sea Exhibition in	19/01	Kolding, Denmark

		O	Trapholt museum	/2014	
36	Exhibition	KIM O	Big Bang Teachers Conference by Danish Teachers Union	20-21 /03/2014	Vejle, Denmark
36	Presentation	KIM O	School classes by HolstedKommune	25/03 /2014	Holsted, Denmark
36	Presentation	KIM O	Meeting of the KASK Nordic project group by KASK	25/04 /2014	Tarm, Denmark
36	Presentation	KIM O	Marine Litter in the Nordic Context by ÅrhusUniversitet	5-7/11/2014	Oslo,Norway
36	Workshop	KIM O	Networking meeting by Plastic Change Coalition	14/01 /2015	Copenhagen, Denmark
36	Interview	KIM O	TV Regional and National Media	27/03 /2015	Aalborg, Denmark
36	Exhibition by Regional Node Leaders – MIO-ECSDE, Vlachogianni, CEFAS, Thomas Maes, KIMO, Ryan Metcalfe, MARE NOSTRUM, AncaGeorghe	KIM O	European Maritime Days Conference by European Commission	28-31 May 2015	Athens, Greece
37	Presentation	KIM	School classes in	25/11	Grenå, Denmark

		O	GrenåSkole	/2014	
37	Presentation	KIM O	Out to Sea Exhibition in Utzon Museum	26/06 /2015	Aalborg, Denmark
37	Presentation	Honk ytonk	Festival International du Film d'Environnement	08/02 /2015	Paris, France
37	Presentation	Honk ytonk	Le Nouveau Festival (Centre pompidou)	29/05 /2015	Paris, France
37	Workshop	Honk ytonk	Les ateliers Varan Workshop	23/04 /2015	Paris, France
37	Workshop	Medi atool s	Canopé	05/20 15	Montpellier, France
37	Workshop	Medi atool s	Canopé	05/20 15	Toulouse, France
37	Presentation	Medi atool s	Cross video days Gaming section	June 2015	Paris, France
37	Features in newsletters by Bonny Hartley, Richard Thompson, & Sabine Pahl	UoP	Marine Institute Newsletter Dec 2012 and May 2014 IAPS Winter Newsletter (2012); IAPS Spring Newsletter (2013)	2012 - 2014	Plymouth, UK
37	Press release by Bonny Hartley, Richard Thompson, & Sabine Pahl	UoP	Topic: launch of the Europe-wide stakeholder survey	11/03 /2013	Plymouth University, UK

38	Conference poster by Bonny Hartley	UoP	Institute for Sustainable Solutions Research (ISSR) Conference	29/04/2013	Plymouth University, UK
38	Festival stand, activities, and survey by Bonny Hartley	UoP	EcoTales Festival	05/05/2013	London, UK
38	Conference presentation by Bonny Hartley	UoP	Marine Institute conference	06/2013	Plymouth University, UK
38	Interactive educational workshops and perceptions survey by Richard C Thompson & Bonny Hartley	UoP	Ecover Blue Mile	17/06/2013 – 19/06/2013	Plymouth, UK
38	Social media campaign by Bonny Hartley	UoP	European Year of the Citizen European Commission social media campaign	07-08/2013	Social media
38	Interactive stand and activities by Bonny Hartley	UoP	Plymouth University Showcase event	09/2013	Plymouth, UK
38	Conference poster by Bonny Hartley	UoP	European Marine Science Educators Association (EMSEA) Conference on Ocean Literacy	03/09/2013 – 05/09/2013	Plymouth University, UK
38	Expert panel	UoP	Trashed: The Plymouth	16/09	National Marine Aquarium, UK

	discussion by Richard C Thompson		Cut	/2013	
38	Conference presentation by Bonny Hartley	UoP	10 th Biennial Conference on Environmental Psychology	22/09 /2013 – 25/09 /2013	Magdeburg, Germany
38	Community talk by Richard C Thompson	UoP	Exeter Science Café	03/02 /2014	Exeter, UK
39	Community talk by Richard C Thompson	UoP	South Hams Society	17/03 /2014	Kingsbridge, UK
39	Conference presentation by Richard C Thompson	UoP	Oceans and Human Health Workshop. A rising tide of challenges and opportunities for Europe	20/03 /2014	Bedruthan Steps Hotel, MawganPorth, Cornwall
39	Press release by Bonny Hartley, Richard Thompson, & Sabine Pahl	UoP	Topic: winners of the UK Video Contest	03/04 /2014	UK
39	Meeting, discussion by Richard C Thompson	UoP	Our Ocean Meeting, organised by Secretary of State, John Kerry	01/06 /2014 – 17/06 /2014	Washington, USA
39	Press release by Bonny Hartley, Richard Thompson, & Sabine Pahl	UoP	Topic: launch of the UK Exhibition	02/06 /2014	UK
39	Meeting, workshop, discussion by Richard C Thompson	UoP	MCS Marine Litter Summit	02/06 /2014	Birmingham, UK

39	Press release by Bonny Hartley, Richard Thompson, & Sabine Pahl	UoP	Topic: Video Contest UK public voting on YouTube	06/06 /2014	UK
39	Meeting, discussion by Bonny Hartley	UoP	Trawler trash marine litter event	12/06 /2014	Exeter University, UK
39	Conference and panel discussion by Bonny Hartley	UoP	Primary Earth Summit Conference	16/06 /2014	Houses of Parliament, Westminster, London
39	Radio interview about the launch of the UK Exhibition by Bonny Hartley	UoP	BBC Radio Devon	03/07 /2014	Plymouth, UK
40	Conference presentation and discussion by Richard C Thompson	UoP	International Symposium on Source, Fate and Effects of Microplastics in the Marine Environment	07/07 2014	Novotel, Busan, South Korea
40	Workshops, arts & crafts, science by Bonny Hartley	UoP	UK Exhibition 'Ocean Warrior events'	12/07 /2014 – 13/08 /2504	Cornwall UK
40	Conference presentation and discussion by Richard C Thompson	UoP	Rame Peninsula Beach Care Ocean Plastic Conference	21/07 /2014	National Maritime Museum Cornwall, Falmouth
40	Presentation, discussion by	UoP	Surfers Against Sewage Protect Our Waves All	15/10 /2014	Houses of Parliament, Westminster, UK

	Richard C Thompson		Party Parliamentary Group		
40	Presentation, discussion by Richard C Thompson	UoP	Atlantic Stakeholder Platform Conference	20/01/2015	Porto
40	Presentation, discussion by Richard C Thompson	UoP	Plymouth Marine Science and Education Foundation Annual Public Spring Lecture	21/05/2015	National Marine Aquarium, Plymouth, UK
40	Presentation, discussion by Richard C Thompson	UoP	OECD Focus Session "Reducing the Risks from Plastic Marine Litter: The Role of Sustainable Chemistry"	09/06/2015	Paris, France
40	Presentation in parallel session by Loizidou, X.I.	ISOT ECH	MEDCOAST 2013 Global Congress on Integrated Coastal Management	30/10 – 03/11/2013	Marmaris, Turkey
40	Conference	ISOT ECH	10th World Wilderness Congress (WILD 10)	4-10/10/2013	Salamanca – Spain
40	Conference	ISOT ECH	GreInSus14 at EGE University	05/2014	Izmir – Turkey

41	Popular press	ISOT ECH	Politis newspaper, 25 articles	8/12-5/15	Cyprus
41	Popular press	ISOT ECH	Fileleftheros newspaper, 2 articles	8/12-5/15	Cyprus
41	TV	ISOT ECH	Main News at 20:00 at CyBc– CyBC sat. 5 times, MARLISCO activities have been presented in central News of the Cyprus State Broadcasting.	2015	Cyprus
41	Radio	ISOT ECH	One hour interviews at ASTRA Radio/ CyBC/Kanalli 6 – 5 hours interview	2015	Cyprus

Section B (Confidential⁶ or public: confidential information to be marked clearly) NOT APPLICABLE TO Part B1

The applications for patents, trademarks, registered designs, etc. shall be listed according to the template B1.

The list should, specify at least one unique identifier e.g. European Patent application reference. For patents contributions to standards should be specified. This table is cumulative, which means that it should always be updated beginning until after the end of the project.

Template B1: List of applications for patents, trademarks, registered designs, etc.					
Type of IP Rights ⁷ :	Confidential Click on YES/NO	Foreseen embargo date dd/mm/yyyy	Application reference(s) (e.g. EP123456)	Subject or title of application	Applicant (s) (as on the date of application)

⁶Note to be confused with the "EU CONFIDENTIAL" classification for some security research projects.

⁷A drop down list allows choosing the type of IP rights: Patents, Trademarks, Registered designs, Utility models, Others.

Part B2 NOT APPLICABLE TO MARLISCO

Please complete the table hereafter:

Type of Exploitable Foreground ⁸	Description of exploitable foreground	Confidential Click on YES/NO	Foreseen embargo date dd/mm/yyyy	Exploitable product(s) or measure(s)	Sector(s) of application ⁹	Timetable, commercial or any other use	P o e (l
	<i>Ex: New superconductive Nb-Ti alloy</i>			<i>MRI equipment</i>	<i>1. Medical 2. Industrial inspection</i>	<i>2008 2010</i>	<i>A p p 2</i>

In addition to the table, please provide a text to explain the exploitable foreground, in particular:

- Its purpose
- How the foreground might be exploited, when and by whom
- IPR exploitable measures taken or intended
- Further research necessary, if any
- Potential/expected impact (quantify where possible)

¹⁹ A drop down list allows choosing the type of foreground: General advancement of knowledge, Commercial exploitation of R&D results, exploitation of results through EU policies, exploitation of results through (social) innovation.

⁹ A drop down list allows choosing the type sector (NACE nomenclature) : http://ec.europa.eu/competition/mergers/cases/index/nace_all.htm

4.3 Report on societal implications

Replies to the following questions will assist the Commission to obtain statistics and indicators on societal and socio-economic issues addressed by projects. The questions are arranged in a number of key themes. As well as producing certain statistics, the replies will also help identify those projects that have shown a real engagement with wider societal issues, and thereby identify interesting approaches to these issues and best practices. The replies for individual projects will not be made public.

A General Information <i>(completed automatically when Grant Agreement number is entered.)</i>	
Grant Agreement Number:	
	289042
Title of Project:	
	MARine Litter in Europe Seas: Social Awareness and CO-
Name and Title of Coordinator:	
	Doriana Calilli
B Ethics	
1. Did your project undergo an Ethics Review (and/or Screening)?	
If Yes: have you described the progress of compliance with the relevant Ethics Review/Screening Requirements in the frame of the periodic/final project reports? Special Reminder: the progress of compliance with the Ethics Review/Screening Requirements should be described in the Period/Final Project Reports under the Section 3.2.2 'Work Progress and Achievements'	No
2. Please indicate whether your project involved any of the following issues (tick box) :	
Research on Humans	
• Did the project involve children?	YES
• Did the project involve patients?	No
• Did the project involve persons not able to give consent?	No
• Did the project involve adult healthy volunteers?	YES
• Did the project involve Human genetic material?	No
• Did the project involve Human biological samples?	No
• Did the project involve Human data collection?	No
Research on Human embryo/foetus	
• Did the project involve Human Embryos?	No
• Did the project involve Human Foetal Tissue / Cells?	No
• Did the project involve Human Embryonic Stem Cells (hESCs)?	No
• Did the project on human Embryonic Stem Cells involve cells in culture?	No
• Did the project on human Embryonic Stem Cells involve the derivation of cells from Embryos?	No
Privacy	
• Did the project involve processing of genetic information or personal data (eg. health, sexual lifestyle, ethnicity, political opinion, religious or philosophical conviction)?	No
• Did the project involve tracking the location or observation of people?	No
Research on Animals	
• Did the project involve research on animals?	No
• Were those animals transgenic small laboratory animals?	No
• Were those animals transgenic farm animals?	No

• Were those animals cloned farm animals?	No			
• Were those animals non-human primates?	No			
Research Involving Developing Countries				
• Did the project involve the use of local resources (genetic, animal, plant etc)?	No			
• Was the project of benefit to local community (capacity building, access to healthcare, education etc)?	No			
Dual Use				
• Research having direct military use	No			
• Research having the potential for terrorist abuse	No			
C Workforce Statistics				
3. Workforce statistics for the project: Please indicate in the table below the number of people who worked on the project (on a headcount basis).				
Type of Position	Number of Women	Number of Men		
Scientific Coordinator	6	4		
Work package leaders	9	3		
Experienced researchers (i.e. PhD holders)	5	5		
PhD Students	2	1		
Other	52	28		
4. How many additional researchers (in companies and universities) were recruited specifically for this project?	4			
Of which, indicate the number of men:	0			
D Gender Aspects				
5. Did you carry out specific Gender Equality Actions under the project?	☒ Yes ☐ No			
6. Which of the following actions did you carry out and how effective were they?				
	Not effective	at	all	Very effective
☐ Design and implement an equal opportunity policy				☐
☒ Set targets to achieve a gender balance in the workforce			☐	☒
☐ Organise conferences and workshops on gender			☐	☐
☐ Actions to improve work-life balance			☐	☐
☐ Other:				
7. Was there a gender dimension associated with the research content – i.e. wherever people were the focus of the research as, for example, consumers, users, patients or in trials, was the issue of gender considered and addressed?				
☒ Yes- please specify ☐ No	Special attention was paid to select the people subject to the multiple survey carried out during the project			
E Synergies with Science Education				
8. Did your project involve working with students and/or school pupils (e.g. open days, participation in science festivals and events, prizes/competitions or joint projects)?				
☒ Yes- please specify ☐ No	Video Contest, Art contest, National exhibitions, etc			
9. Did the project generate any science education materials (websites, explanatory booklets, DVDs)?				
☒ Yes- please specify ☐ No	multilingual Educational Pack targeting primarily learners aged 10-15 years, Role Playing Game (RPG) using comics, entitled "Sea Dream Team", Webdocumentary			

F Interdisciplinarity			
10. Which disciplines (see list below) are involved in your project? ☒ Main discipline ¹⁰ : Social Science ☐ Associated discipline ¹⁰ :			
G Engaging with Civil society and policy makers			
11a Did your project engage with societal actors beyond the research community? (if 'No', go to Question 14)			☒ Yes ☐ No
11b If yes, did you engage with citizens (citizens' panels / juries) or organised civil society (NGOs, patients' groups etc.)? ☐ No ☐ Yes- in determining what research should be performed ☐ Yes - in implementing the research ☒ Yes, in communicating /disseminating / using the results of the project			
11c In doing so, did your project involve actors whose role is mainly to organise the dialogue with citizens and organised civil society (e.g. professional mediator; communication company, science museums)?			☒ Yes ☐ No
12. Did you engage with government / public bodies or policy makers (including international organisations) ☐ No ☐ Yes- in framing the research agenda ☐ Yes - in implementing the research agenda ☒ Yes, in communicating /disseminating / using the results of the project			
13a Will the project generate outputs (expertise or scientific advice) which could be used by policy makers? ☒ Yes – as a primary objective (please indicate areas below- multiple answers possible) ☐ Yes – as a secondary objective (please indicate areas below - multiple answer possible) ☐ No			
13b If Yes, in which fields? Environment, Research and Innovation			
Agriculture Audiovisual and Media Budget Competition Consumers Culture Customs Development Economic and Monetary Affairs Education, Training, Youth Employment and Social Affairs	☒	Energy Enlargement Enterprise Environment External Relations External Trade Fisheries and Maritime Affairs Food Safety Foreign and Security Policy Fraud Humanitarian aid	☒
Human rights Information Society Institutional affairs Internal Market Justice, freedom and security Public Health Regional Policy Research and Innovation Space Taxation Transport	☒		
13c If Yes, at which level? ☒ Local / regional levels ☒ National level ☒ European level ☐ International level			
H Use and dissemination			
14. How many Articles were published/accepted for publication in peer-reviewed journals?			7
To how many of these is open access¹¹ provided?			3

¹⁰ Insert number from list below (Frascati Manual).

How many of these are published in open access journals?	3
How many of these are published in open repositories?	1
To how many of these is open access not provided?	1
Please check all applicable reasons for not providing open access:	
☐ publisher's licensing agreement would not permit publishing in a repository ☐ no suitable repository available ☐ no suitable open access journal available ☐ no funds available to publish in an open access journal ☐ lack of time and resources ☐ lack of information on open access ☐ other ¹² :	
15. How many new patent applications ('priority filings') have been made? ("Technologically unique": multiple applications for the same invention in different jurisdictions should be counted as just one application of grant).	0
16. Indicate how many of the following Intellectual Property Rights were applied for (give number in each box).	
Trademark	
Registered design	
Other	3
17. How many spin-off companies were created / are planned as a direct result of the project?	2
Indicate the approximate number of additional jobs in these companies:	3
18. Please indicate whether your project has a potential impact on employment, in comparison with the situation before your project:	
☐ Increase in employment, or x Safeguard employment, or ☐ Decrease in employment, ☐ Difficult to estimate / not possible to quantify	☐ In small & medium-sized enterprises ☐ In large companies ☐ not relevant to the project
19. For your project partnership please estimate the employment effect resulting directly from your participation in Full Time Equivalent (FTE = one person working fulltime for a year) jobs:	Indicate figure:
Difficult to estimate	☐
I Media and Communication to the general public	
20. As part of the project, were any of the beneficiaries professionals in communication or media relations?	
X Yes O No	
21. As part of the project, have any beneficiaries received professional media / communication training / advice to improve communication with the general public?	
X Yes O No	
22 Which of the following have been used to communicate information about your project to the general public, or have resulted from your project?	
X Press Release	X Coverage in specialist press
X Media briefing	X Coverage in general (non-specialist) press
X TV coverage / report	X Coverage in national press
X Radio coverage / report	X Coverage in international press
X Brochures /posters / flyers	X Website for the general public / internet
X DVD /Film /Multimedia	X Event targeting general public (festival)

			conference, exhibition, science café)
23	In which languages are the information products for the general public produced?		
☐	Language of the coordinator	X	English
X	Other language(s)		

Question F-10: Classification of Scientific Disciplines according to the Frascati Manual 2002 (Proposed Standard Practice for Surveys on Research and Experimental Development, OECD 2002):

Fields of science and technology

1. Natural Sciences

1.1 Mathematics and computer sciences [mathematics and other allied fields: computer sciences and other allied subjects (software development only; hardware development should be classified in the engineering fields)]

1.2 Physical sciences (astronomy and space sciences, physics and other allied subjects)

1.3 Chemical sciences (chemistry, other allied subjects)

1.4 Earth and related environmental sciences (geology, geophysics, mineralogy, physical geography and other geosciences, meteorology and other atmospheric sciences including climatic research, oceanography, vulcanology, palaeoecology, other allied sciences)

1.5 Biological sciences (biology, botany, bacteriology, microbiology, zoology, entomology, genetics, biochemistry, biophysics, other allied sciences, excluding clinical and veterinary sciences)

2 Engineering and technology

2.1 Civil engineering (architecture engineering, building science and engineering, construction engineering, municipal and structural engineering and other allied subjects)

2.2 Electrical engineering, electronics [electrical engineering, electronics, communication engineering and systems, computer engineering (hardware only) and other allied subjects]

2.3. Other engineering sciences (such as chemical, aeronautical and space, mechanical, metallurgical and materials engineering, and their specialised subdivisions; forest products; applied sciences such as geodesy, industrial chemistry, etc.; the science and technology of food production; specialised technologies of interdisciplinary fields, e.g. systems analysis, metallurgy, mining, textile technology and other applied subjects)

3. Medical Sciences

3.1 Basic medicine (anatomy, cytology, physiology, genetics, pharmacy, pharmacology, toxicology, immunology and immunohaematology, clinical chemistry, clinical microbiology, pathology)

3.2 Clinical medicine (anaesthesiology, paediatrics, obstetrics and gynaecology, internal medicine, surgery, dentistry, neurology, psychiatry, radiology, therapeutics, otorhinolaryngology, ophthalmology)

3.3 Health sciences (public health services, social medicine, hygiene, nursing, epidemiology)

4. Agricultural sciences

4.1 Agriculture, forestry, fisheries and allied sciences (agronomy, animal husbandry, fisheries, forestry, horticulture, other allied subjects)

4.2 Veterinary medicine

5. Social sciences

5.1 Psychology

5.2 Economics

5.3 Educational sciences (education and training and other allied subjects)

5.4 Other social sciences [anthropology (social and cultural) and ethnology, demography, geography (human, economic and social), town and country planning, management, law, linguistics, political sciences, sociology, organisation and methods, miscellaneous social sciences and interdisciplinary , methodological and historical S1T activities relating to subjects in this group. Physical anthropology, physical geography and psychophysiology should normally be classified with the natural sciences].

6. Humanities

6.1 History (history, prehistory and history, together with auxiliary historical disciplines such as archaeology, numismatics, palaeography, genealogy, etc.)

6.2 Languages and literature (ancient and modern)

6.3 Other humanities [philosophy (including the history of science and technology) arts, history of art, art criticism, painting, sculpture, musicology, dramatic art excluding artistic "research" of any kind, religion, theology, other fields and subjects pertaining to the humanities, methodological, historical and other S1T activities relating to the subjects in this group]

2. FINAL REPORT ON THE DISTRIBUTION OF THE European Union FINANCIAL CONTRIBUTION

This report shall be submitted to the Commission within 30 days after receipt of the final payment of the European Union financial contribution.

Report on the distribution of the European Union financial contribution between beneficiaries

Name of beneficiary	Final amount of EU contribution per beneficiary in Euros
1.	
2.	
N	
Total	