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Deliverable	D6.2 Report on partners expertise	
Coordinator	TURNA	
Partner responsible	UZ FMENA	
Partners involved	all	
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	Confidential	



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1 INTRODUCTION

The deliverable "D6.2 Report on partners expertise" is public and is published on the project's website.

The deliverable is based on a questionnaire filled in by the partners. Partners prepared their general description followed by presentation of their regular activities. Partners also described where and how are they involved in the project. Nevertheless, the main input is on how partners want to use results of this project, whether it is knowledge generated or product/technologies developed.

2 TURNA

Turna d.o.o. is located in Velenje, Slovenia. Turna is one of the largest manufacturers of components for household appliances, vacuum insulation panels for different purposes and components for automotive industry in region. One of our main products are magnetic gaskets for refrigerators, which are made of extruded soft PVC profiles, inserted magnetic strip and welded at the edges.

Plant is located in the industrial zone of city of Velenje, Savinjsko Šaleška region, 15 km away from highway road A1 Maribor-Ljubljana. Company was established in 2007, based on long term tradition of component production in this area. We currently employ 170 workers.



Figure 1: Turna's facilities, Velenje, Slovenia

We are continually improving and expanding our facilities, equipment, and processes to meet our customer's needs and expectations for consistent high quality products delivered on time.

Turna d.o.o. specializes in developing and manufacturing of components for household appliances, vacuum insulation panels for different purposes, components for automotive industry and our new group of products: marine litter removing equipment in various sizes.

Turna d.o.o. is limited liability Company with 170 employees. It is 100% private owned independent company and Mr. Vladimir Pogač is CEO of the company. The management structure is presented on Figure 2.

TURNA proizvodnja in trgovina d.o.o.
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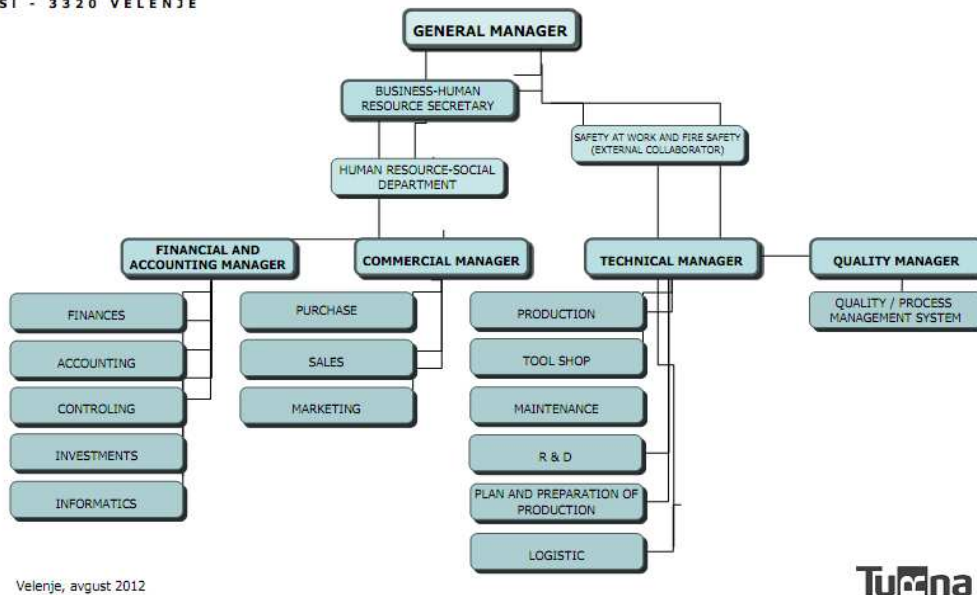


Figure 2: Management structure of Turna d.o.o.

The main focus of Turna's work related to the Marine Clean project is organizing production and promoting equipment for marine litter removing. Turna is involved in all WPs, except WP3 - packaging.

Turna as plastic production company is mainly interested in products of WP2 - marine litter removing equipment, because we have all the needed equipment, expertise and technologies. Besides, we were together with TC Polieko the main developer of this equipment.

Marine litter removing equipment, as one of our product group, can be produced in various sizes and with various dimensions of mesh knots as well as in 4 different versions (with one or two buoys, with addition of foil etc.). The equipment is equipped with hollow upper part and magnetic belts. Approximately 1/3 of the equipment is beyond the surface and this can be easily regulated also on the final equipment. A special line was assembled for co-extrusion of polypropilen (PP) and plasto-magnet, with in-line laminating of net bend.

Turna has:

- extrusion lines
- semi automatic magnetic strip lines
- 12 welding machines.

We are interested in starting production of Marine litter removing equipment as additional production program in the field of our already existing know-how of similar material processing and marketing. Anyway, as the field is totally new and the market not developed, we will have to adapt our strategy in several steps according to gathered marketing experience.

3 NIB-MBS

The **Marine Biology Station in Piran** is a unit of the National Institute of Biology (**NIB-MBS**). It was founded in 1969 as a Unit of the Institute of Biology, University of Ljubljana. Like its predecessor, the Board of Marine Research, the NIB-MBS was established because of the increasing public interest for the marine environment. The Station was initially oriented toward the research of marine flora and fauna, but gradually developed into a larger unit with more researches devoted to ecological and pollution aspects. Nowadays the NIB-MBS predominantly undertakes diverse interdisciplinary marine research, largely covering physical, chemical and biological oceanography.

The NIB-MBS is housed in its own building, situated on the northern shore of the Bay of Piran (Figure 3). There are 35 people routinely employed at the NIB-MBS, comprising of 19 researchers, 8 young researchers and 8 technical and administrative collaborators. The research work is periodically augmented by students and trainee postgraduate and postdoctoral fellows with various disciplines.



Figure 3: Marine Biology Station (NIB_MBS) in Piran, Slovenia

The NIB-MBS is currently the only research group in Slovenia devoted to marine scientific research and professional work. It is collaborating with high calibre foreign marine research centres, and it represents a national focal point for the development of marine research in the area. Through three decades of implementation, the NIB-MBS has significantly outgrown its earliest frame of reference as a marine branch of the National Institute of Biology. Its assets, staffing, programs and links to foreign research have been markedly strengthened to reflect Slovenia's significant traditional ties with the sea.

Regular activities of the NIB-MBS consist of basic and applied research, monitoring of coastal waters and pedagogical activities. The basic research contributes to the widening of knowledge about the marine ecosystem dynamics, ecological processes and effects of the sea-pollution and thus represents a basis for a more efficient protection of marine habitats. We conduct analyses of phytoplankton and primary production as related to climatic drivers and anthropogenic influences, research into benthic habitats, ecology and genomics of jellyfish, research into bacteria assemblages, the study of chemical processes of carbon cycling as well as photochemical processes and the dynamics and circulation of coastal seas.

Since 2008 uninterrupted monitoring of meteorological, oceanographic and biological parameters (marine monitoring system) has been performed with the aid of the coastal oceanographic buoy "Vida". This monitoring was upgraded by the monitoring of sea currents in the Bay of Koper and with numerical simulations of the wind circulation of wide open gulfs. The buoy "Vida" is an object of national importance from the aspects of research, economics (nautical and recreational tourism, fishery) and safety (maritime traffic, knowledge of the environment in case of accidents on the sea). This is reflected also by numerous visits to the buoys' web site.

In more than three decades of its activity the NIB-MBS carried out over hundred applied research studies, mainly scientific and professional expert evaluations for numerous clients in the fields of ecology, environmental protection, spatial planning, construction interventions, mariculture, etc. NIB-MBS also carries out different monitoring activities in the Slovenian sea. Furthermore, we are developing methodologies for the assessment of ecological and environmental status in compliance with European legislation, which form the basis for an ongoing monitoring of the marine environment.

The pedagogical activity comprises educational trainings for pupils of primary and secondary schools as well as for undergraduate and postgraduate students and professors of primary and secondary schools in Slovenia and abroad. NIB-MBS researchers are mentors to Slovenian and foreign graduates and master and doctorate postgraduates.

We are involved in many national and European projects. The international collaboration of the group is very active and variegated. Besides being partners in MarineClean, we participate in several projects of the Seventh Framework Programme and some other EU projects (cross border programs, COST) and in various bilateral projects (Argentina, Brazil, Montenegro, Croatia, Japan, Russia). Our international collaboration also includes the UN Environmental Programme (UNEP MAP – Mediterranean Action Plan) and the International Ocean Institute. The researchers are active members of various international bodies (MARS – Europe's Marine Research Stations, CIESM – The Mediterranean Science Commission, MED GIG – Mediterranean Geographic Intercalibration Group).

Within the project MarineClean, NIB-MBS is involved in all work packages, except WP2 - Marine litter removing equipment. However, our main activities are related to WP3 - Edible and biodegradable packaging, of which we are the WP leaders, and WP4 - Fishing nets.

In the WP3, with the aim of promoting and organizing production of different types of edible and biodegradable plastics, there was a need to demonstrate these peculiar characteristics of the new developed materials. All the related activities were gathered within the task 3.3. With our particular knowledge and expertise, we planned and performed different tests aiming at demonstrating the efficacy of biodegradable and edible materials.

Experiments were done in the NIB-MBS laboratories as well as in the natural marine environment of a shallow coastal sea. For the latter, a specific cableway mechanism was constructed and placed on the coast in front of NIB-MBS building. It allowed us to periodically examine the colonisation rate of epibiota and the degradation of plastic materials placed on a special holder. In addition, a series of experiments were done in the laboratory aquaria to test the degradability of the EcoOcean plastic foil under different environmental conditions and to test the edibility of the newly developed film made of zein. Within laboratory experiments we dedicated special attention to the study of microbial degradation, chemical processes during degradation and effects of light in these processes.

For the WP4 we are mainly involved in task 4.3 that deals with the demonstration of the influence of different magnets on elasmobranchs (sharks and rays) and possibly on some other marine animals. Fishing nets that would cause the avoidance of non-target animals, such as mammals and sharks, with the aid of magnetic inserts would bring a lot of benefit for the sustainable management of the seas and oceans.

In the WP5 – Networking and lobbying, the input of NIB-MBS researchers was focused on contributing to the development of an efficient lobbying plan with giving the accent on scientific component. Among lobbying activities we can stress our contribution to the position paper on the EU Green paper on Plastic waste and lobbying at the national level for inclusion of production of new environmentally friendly materials in the Slovenian Smart specialization strategy.

In the Exploitation and Business Plan (WP6) we participate in the evaluation of the market potential for fishing equipment at the national level. We also cooperated in the market potential evaluation of other two developed products: biodegradable and edible materials and marine litter removing equipment, since we could take advantage of our knowledge in the field of marine pollution. Furthermore, we evaluate specific exploitation interest of NIB-MBS.

For the WP7 – Dissemination activities, we specifically worked on disseminating the acquired knowledge and expertise at the scientific level. In particular, we presented the MarineClean project result at two scientific conferences. These presentations gathered a lot of attention among the scientific community, where a lot of research groups around the globe focus on scientific questions connected to marine littering. Among other dissemination activities at more popular level, we can specify our engagement at presenting the problems related to marine litter to a general public and to children in particular, during open door days that are organized every year at NIB-MBS in Piran.

As a R&D partner of MarineClean consortium we have exploitation interests mainly in scientific research in the fields of marine ecology, effectiveness of marine litter removing, effects of novel fishing equipment on marine ecosystem... The knowledge acquired by conducting different tests and experiments in the frame of WP3 can be transferred also to other ongoing or future projects, especially in the growing fields of marine littering and biodegradability of plastics.

Another important way to use our results obtained through MarineClean project is to include them in scientific paper(s) for publishing in international scientific journals. In this way we expect to generalize the knowledge acquired through work in the project, and to disseminate most important findings and implications.

We also plan different kinds of future collaboration within the established partnership and with other possible partners, of which acquaintance was a result of MarineClean project activities.

The dissemination of the project results to a wider public through articles on web pages, periodicals, regional and national journals serves as an efficient promotion of science and our institution. As the subject of the MarineClean project is of broad attention and is important in everyday life, we foresee that the interest of the target public will last for several years. Moreover, raising awareness and susceptibility of people for environmental problems is also one of the vocations of the NIB-MBS.

Since a lot of different experiments planned at NIB-MBS are located in shallow coastal habitats in the sea in front of the NIB-MBS premises, a mechanism for a periodical inspection and manipulation of the experimental bottles or specimens placed in the water is much welcomed. That's why we foresee to continue to use the special cableway system produced during the MarineClean project for other scientific research (Figure 4).



Figure 4: The exclusively made cableway with a special holder for experiments in the sea

4 KU-APS

KLAIPEDA UNIVERSITY

Marine Science and Technology Center Air pollution from ships research laboratory



Marine Science and Technology Center Air Pollution from Ships Research Laboratory of the Klaipeda University is aimed at the reduction of impact on environment of the maritime transport, sustaining or improving its economic efficiency and competitiveness. Main research areas are air pollutant emissions from fuel (oil and alternative fuels) burning equipment, air pollution, methods of improvement and technologies for reduction of air pollutant emissions, research of alternative fuels and others. The Laboratory is specially equipped with stationary technological and scientific equipment and mobile hardware complex for research in and on shore facilities and on board of ships. Mobile high precision NO_x, SO₂, CO, CO₂, O₂ emission analysers, equipment for NO_x, O₃, measuring in ambient air, fuel analysers (calorific value, elemental composition, cold properties), diesel engine analysers, passive samplers and most recent mobile air pollution research laboratory. The Laboratory is open for cooperation with various scientific institutions and business entities in Lithuania or international partnerships. Together with foreign partners Laboratory implemented two projects (BSR InnoShip and CLEANSHIP) dedicated for the improvement of the Baltic Sea air basin. Currently Air pollution from ships research laboratory is participating in two projects: "MarineClean" and "Abowe".



Goal of Air pollution from ships research laboratory is to perform fundamental and applied research in the field of air and water pollution from ships and harbours also effective use of alternative fuels in maritime transport sector. Air pollution from ships laboratory also actively

participates in implementation of high education study programmes of marine technologies, engineering, energy, environment protection and chemical engineering. Air pollution from ships research laboratory is actively involved in the international scientific cooperation, research, publication and dissemination of scientific knowledge.

Main activities:

- ◆ Research of air pollution from ships and other heavy transport, mobile and stationary industrial fuel burning equipment
- ◆ Research of soil and water pollution by oil and oil based products, organic materials, development of environment protection equipment.
- ◆ Research of physical, chemical, exploitation and chematological properties of oil and alternative fuels.
- ◆ Performing scientific research for customers (business and governmental instructions), organisation of scientific conferences, preparation of scientific publications, national and international Project applications, Project implementation.
- ◆ Participation in study process introducing high education students to scientific research, providing research possibilities for master and doctoral study program students according to their research topic. Provide opportunities to participate in scientific projects.
- ◆ Other activities

Air pollution from ships laboratory as MarineClean Project partner main activity is to test the experimental marine litter gathering technology by means of experiment or mathematical modelling to evaluate their hydro dynamical resistance and optimal operation parameters with regard to air pollution from ships operating (trawling) the litter gathering nets.

The research results will be given to the Project partners that will use them in marine litter gathering operations in Croatia, Slovenia and other Adriatic Sea waters. Prepared recommendations will be submitted to the Lithuanian maritime safety administration and marine emergency institutions to be used in cleaning Lithuanian waters.

5 TC Polieko

Technology center POLI-EKO unites the most important Slovenian companies and accompanying institutions from the plastics industry. Members use the latest technology and are the optimal partner for development of new products and components. POLI-EKO provides a partnership from the planning of the product through toolmaking to production. The center also facilitates the establishment of links with potential customers, primarily with partners in development projects. The aim of establishing links is to increase competitiveness through the synergy of development and marketing activities, the flow of knowledge and information, and establishing links with other companies and institutions in order to enable integration into the broader European projects on future technology. The path leads to higher added value and permanent conquering of new markets. The companies apply the latest technology in the processing of plastics, manufacturing and construction of tools, CAE, laser and tool technologies, and offer product development and services from this field. The center's mission is to ensure the collection of ideas and inventions, the flow of information, cooperation, synergy and funds for R&D in manufacturing and services with the aim of increasing the growth and competitiveness of its partners.

STAFF

- **Janez Navodnik** is director of Technology center POLI-EKO, coordinator of Slovenian Plasttechnics Cluster and Technology platform for Advanced Materials and Technologies. His field of work: marketing research and analysis in plastics industry, engineering, consultancy and education in the field of plastics transforming, polymers, advanced materials and technologies, own professional magazine *PlastForma*, expert publications in the field of polymers (handbook *Plastik-Orodjar*, book *Nanotechnologies-products and technologies of the future*), research/developmental projects, managing the business relations between EU companies and Slovenian SME, realization of investments and feasibility studies for various specific projects.
- **Mateja Kopic** is a chemical engineer and works as a researcher in for the last 20 years. She has a lot of experience in advanced plastic materials and technologies; she gained them as a co-worker or subcontractor in many national and European projects.
- **Danijela Urana** with B Sc. in Agronomy and Horticulture from biotechnology and Genetics of plants. She has wider background in the European projects management and cooperation. During the recent years she participated in various projects targeted at developing enhanced environmentally friendly materials, advanced and nanomaterials and sustainable packaging solutions for food and drink.
- **Matej Navodnik** is a researcher of Technology center POLI-EKO and a foreman in developing unit of the TC. He is participating in developing of novel processes and equipment for production of novel plastic materials.

ROLE and CONTRIBUTION of POLI-EKO IN THE PROJECTS

- Industrial testing, process development, development of materials
- Life cycle assessments
- Spread of knowledge and dissemination of the results of the project
- Commercial/social exploitation of the concept
- Market analysis

Benefit of TC POLI-EKO from projects: practical cases of innovation realization, collecting of problems, solution proposals, benchmarking, evaluating, selecting ideas, feasibility, market acceptability.

SELECTED PROJECTS

1. Finished projects

Technology center POLI-EKO as a research and development unit of Slovenian Plasttechnics Cluster was involved in the following European projects as a partner or subcontractor:

- **Pro4Plast** which objective was to improve the competitiveness of the European plastics injection moulding industry.
- **Biocomp** and **Biostruct** projects with objective to develop new classes of composite materials from renewable resources.
- **Wheylayer** where whey protein-coated plastic films will replace expensive polymers.
- **Biobased-packing** with objective to develop new products from PLA.
- **Intelligent packaging AiP** with objective to develop tools to communicate advanced technologies on active and intelligent packaging for SMEs.
- **Biopur**: development of polyurethanes from waste wood biomass.

2. Running projects

- **MarineClean**: development of marine litter removing equipment, marine debris removal and preventing further litter entry.
- **Leguval**: development of new protein films and coatings with improved barrier properties in packaging when applied as a layer on biodegradable plastic films while maintaining biodegradability of the final package.

SELECTED PUBLICATIONS

- NAVODNIK, Janez. *Slovenia is created for nanotechnologies: product and technologies of the future*. 1. izd. Celje: Navodnik, 2007. 399 str., ilustr. ISBN 978-961-92027-0-8.
- NAVODNIK, Janez, KOPČIČ, Mateja. *Plastik-orodjar: handbook*. 3. dop. izd. Velenje: Navodnik, 1998. 574 str., ilustr.
- NAVODNIK, Janez. *Overview of technologies for plastics transforming*, (collection TECOS seminars for plastics, PL 39). Celje: TECOS - Razvojni center orodjarstva Slovenije, 2002
- NAVODNIK, Janez. Seminar PL 21, Celje, 11. 5. 2000. *Technologies for polymer processing*, (TECOS seminars for plastics, PL21). [Celje]: TECOS, Razvojni center orodjarstva Slovenije, [2000]. 26 str., ilustr.

AVAILABLE EQUIPMENT for the development and production of advanced materials and products:

- Twin screw co-rotating compounder Berstorff with three gravimetric feeders for preparing polymer mixtures: blends, highly filled compounds, nano-composites in the form of granules, profiles or foils to 36 cm width, capacity to 15 kg/h. Developed products: selective absorber of EMI rays (basis for RFID, NFC or EMI shielding), electro-conductive thermoplasts to 103 Ohm (with CNT and nano-graphite), thermo-conductive thermoplasts with metal or ceramic powder to 4 W/mK, biopolymer blends, blends with standard and engineering polymers, nano-composites with MMT, CNT, nZnO and nAg.
- Twin screw co-rotating compounder Maris with capacity 100 kg/h for sensitive thermoplasts and thermoplastic elastomers.
- Twin screw counter-rotating compounder Bausano. Products: pellets from recycled materials, PVC compounds, wooden composites.
- Multilayer co-extruder (with 3 extruders).
- Equipment for extrusion of sheets to 1,2 m width and thickness to 1 cm. Sheets can be pressed or laminated.
- Injection moulding machines with possibility of 2-3K injection moulding for testing of multi-component parts: Babyplast 50 g, Arburg vertical 80 g, Boy 100 g, Kraus Maffei 150 t, Negri Bossi 280 t, for injection moulded parts from 0,1 to 1 kg with different tools for testing.
- Paper machine for filters (to 800 mm).
- Machine for vacuum injection of composite materials.
- Laboratory press and calander.
- Blow moulding machine Bekum (5l)
- Sheet coating/laminating machine.
- Pilot line for recycling of waste PVC candles.
- Pilot reactor for continuous synthesis of nanomaterials (nZnO).



With mentioned equipment we carried out many R&D projects, for example development of wooden compounds with natural fibres for isolating layers furniture in construction industry, development of magnetic absorber for RFID application, development of materials for sound absorption with recycling of textile waste, development of biopackaging from PLA and whey etc.

6 EcoCortec

EcoCortec d.o.o. specializes in developing and manufacturing value-added biodegradable flexible films that outperform non-degradable and other biodegradable materials currently on the market. Customers buy products based on performance and then based on their environmental attributes. We strive to develop eco-efficient production of biodegradable films that combines new technology and high productivity with positive effect on environment.



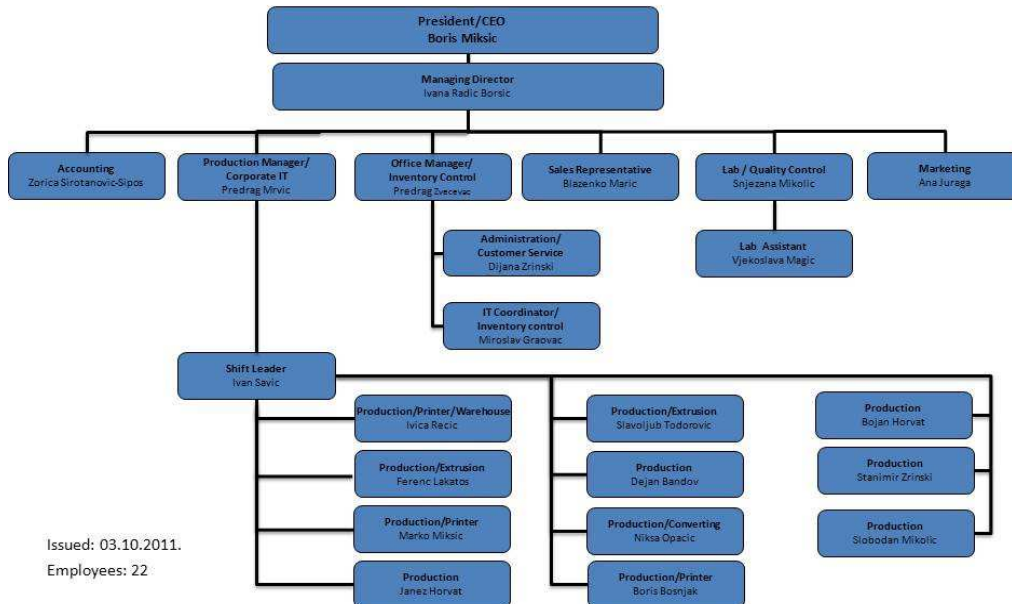
As sustainable packaging has become increasingly important, EcoCortec has led the way, offering packaging films that bridge the gap between performance/usability and certified compostability. Plant is located on 10 000m² in the industrial zone of city of Beli Manastir, Baranja region, 3 km away from trans European corridor C5. Company started with operations in 2007. It represents greenfield investment of 5 mil EUR. Installed production capacity is 5000 tons/year, enabled by state of the art extrusion, converting and regranulation equipment.

EcoCortec Production Equipment

- 3 layer (co-extruded) blown film line with two color inline printing capabilities and inline bag on the roll equipment
- Mono layer blown film line with two color inline printing capabilities
- Two side weld and bottom weld converting machines with zip-lock attachment
- Off line bag machine
- Off line slit and seal system with rewinder
- Recycling machine

EcoCortec Management Structure:

EcoCortec d.o.o.
Beli Manastir



EcoCortec is limited liability Company with 22 employees. It is 100% owned by Boris Miksic – President/CEO of the company. Ivana Radic Borsic serves as Managing Director of the company.

EcoCortec participates in WP3, WP6 and WP7, but the main focus of EcoCortec's work related to Marine Clean project is organizing production and promoting different types of biodegradable (waterdegradable) and/or compostable packaging. Waterdegradable packaging should be used in higher extent in coastal regions and should become the major part of packaging used on ships. Our marketing strategy is to emphasize the quality of the product we provide. Our short term aim is to develop and commercialize efficient biodegradable materials, introduced to the market with a reasonable price.

7 UZ FMENA

The Faculty of Mechanical Engineering and Naval Architecture at the University of Zagreb is the oldest and largest among related faculties in Croatia. Ever since its first courses were taught at the Royal School of Engineering in 1919, the Faculty of Mechanical Engineering and Naval Architecture – which in 1995 added Aeronautical Engineering to the list of its study programmes – has excelled in keeping its study programmes up to date by means of a successful synthesis of general and specialized knowledge and expertise in four areas: construction, materials, production and organisation. Owing to the study programmes' structure and curricula, they are comparable to related programmes at renowned European universities, which makes the Faculty of Mechanical Engineering and Naval Architecture one of the leading technical faculties at the University of Zagreb and in the whole of Croatia.

The Faculty offers programmes at four levels: undergraduate, graduate and postgraduate programmes, as well as lifelong learning. Upon completion of the undergraduate programme, students may enrol into a graduate programme, which takes 3 semesters to complete and provides students with knowledge and skills needed for the development and implementation of new technologies.

Professors of the faculty contribute to the development of the local economy through participation in development projects, direct involvement in solving complex problems, providing consulting services, monitoring services, etc.

The Faculty is the founder of the Centre for Transfer of Technology, Ltd. (CTT) through which knowledge is transferred from the faculty to the economy.

The Chair for Polymer Processing in the Department of technology has much experience in polymer processing and equipment for polymer processing. It is involved in solving problems in practice such as identification of materials, selection of the most suitable material, recommendations in selecting the polymer processing equipment, development of products and moulds for injection molding with programs Catia, SolidWorks and ProEngineering. Chair for polymer processing was involved in several international projects, EU projects (two of them were Eureka projects), national projects and direct projects with industrial partners. Rheological, mechanical and thermal calculations are conducted at the Laboratory for Polymer Processing (LPP), as well as price calculations for moulded parts, simulations of filling the mold cavity (Moldex 3D), development of design documentation, etc. Laboratory staff also has an experience in the field of additive manufacturing.

The Chair of Polymer Processing has contributed to many projects:

- E! 2819 – FACTORY ECOPLAST (EUREKA, 2002-2005)
- E! 3611 – EUROAGRI+BIOPUR (EUREKA, 2005-2008)
- CEXIM-Plast (CIR-CE projekt, 2006-2007)
- E! 4960 – Next Generation Molding (EUREKA, 2010-2012)
- Knowledge Based Process Planning and Design for Additive Layer Manufacturing - KARMA (243631) (FP7, 2010-2012)
- AdTec SME (IPA-IIIc, 2013-2015)

The teaching staff collaborates with the editorial boards of scientific and professional journals in the field of polymer processing and actively participates in numerous conferences in the country and abroad. Its permanent social obligation is to cooperate with Croatian companies. The Chair is particularly involved in solving problems for packaging industry, in plastics recycling and plastics waste management.



Activities of UZ FMENA in the project:

- aid in developing of edible/biodegradable packaging
- testing of biodegradable packaging
- dissemination activities – flyers, newsletters, presentations at conferences
- lobbying and presentations to stakeholders

UZ FMENA is involved in all activities of the project, particularly in dissemination activities (project leader).

The results of the project will be used for the transfer of technology to SMEs to make them competitive in this area and to help them preserve the environment, primarily the coast because of the most important sector of tourism. Also, the education of students and raising their awareness about environmental protection is important as well.



8 CONCLUSIONS

The main conclusion is that the partners are in general interested in the fields of their general activities (prior to the project activities) and that they would like to exploit the results of this project differently.

In case of research organizations - these partners are interested in exploiting knowledge generated in the project in order to use it for further research activities. They are interested also in preparation of dissemination material, mainly scientific publications.

In case of industrial partners - they are interested in the products they were developing and marketing throughout the project.

None of the partners suggested using intellectual property (IP) developed by another partners as according to the consortium agreement signed at the beginning of the project a partner is entitled only to the IP generated by this partner. In case of joint ownership two or more partners will conclude an agreement in the Exploitation Agreement (Deliverable D6.8) that will be prepared and signed by all partners before the project ends.