



Erasmus+

MIDDLE EAST TECHNICAL UNIVERSITY

- Erasmus+
- THE CENTRE FOR EUROPEAN UNION EDUCATION AND YOUTH PROGRAMMES (TURKISH NATIONAL AGENCY)
- Cooperation for innovation and the exchange of good practices
- Strategic Partnerships
- Strategic Partnerships for youth
- Call 2017
- Round 2
- Grant Agreement Number 2017-2-TR01-KA205-047156
- Report Type Final
- Date of submission 09/03/2020

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Name of legal representative

Main content:

Report Form

Number of attachments:

5

General Information

This report form generated from the Mobility Tool+ consists of the following main sections:

- General Information
- Inactive Organisations within Project Activities
- Context: this section resumes some general information about your project;
- Project Summary: this section summarises your project and the organisations involved as partners;
- Description of the Project: in this section, you are asked to give information about the objectives and topics addressed by your project;
- Project Management
- Implementation: this section asks for information about all the stages of the project: implementation of main activities including practical arrangements, participants' profile, impact, dissemination of the results and future plans;
- Follow-up
- Budget: this section gives a detailed overview of the final amount of the EU grant you request;
- Annexes: additional documents that are mandatory for the completion of the report;

For your convenience, some parts of this report are prefilled with information from the Mobility Tool+



Inactive Organisations within Project Activities

Entity	Activity			Organisation			
	Identification	Start Date	End Date	PIC	Legal Name	Partnership Entry Date	Partnership Withdrawal Date

1. Context

this section resumes some general information about your project;

Programme	Erasmus+
Key-Action	Cooperation for innovation and the exchange of good practices
Action	Strategic Partnerships
Action Type	Strategic Partnerships for youth
Main Objective of the project	Innovation
Call	2017
Round	Round 2
Report Type	Final
Language used to fill in the form	EN

1.1. Project Identification

Grant Agreement Number	2017-2-TR01-KA205-047156
Project Title	Parametric Design for Marine and Coastal Structures
Project Acronym	DESIMAR
Project Start Date (dd-mm-yyyy)	01/09/2017
Project End Date (dd-mm-yyyy)	30/11/2019
Project Total Duration (months)	27
Beneficiary Organisation Full Legal Name (Latin characters)	MIDDLE EAST TECHNICAL UNIVERSITY

1.2. National Agency of the Beneficiary Organisation

Identification	THE CENTRE FOR EUROPEAN UNION EDUCATION AND YOUTH PROGRAMMES (TURKISH NATIONAL AGENCY)
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For further details about the available Erasmus+ National Agencies, please consult the following page:

https://ec.europa.eu/programmes/erasmus-plus/contact_en

2. Project Summary

this section summarises your project and the organisations involved as partners;

Please provide a short summary of the completed project. The main elements to be mentioned are: context/background of the project; objectives; number and type/profile of participants; description of undertaken activities; results and impact attained; if relevant, longer-term benefits.

Please recall that this section [or part of it] may be used by the European Commission, Executive Agency or National Agencies in their publications or when giving information on a completed project. It will also feed the Erasmus+ Dissemination Platform (see annex III of Programme Guide on dissemination guidelines).

Please be concise and clear.

In the last two decades of the twentieth century the computer has assumed an increasingly important role Initially it was chiefly a tool useful in the process of laying out a design. Then it became a medium for leading the design. Now it is being recognized as a force that will significantly reshape the built environment. At this point, parametric design provides a methodology to cope with these complex parameters that should be integrated into any design process. "The ground of parametric design is the generation of geometry from the definition of a family of initial parameters and the design of the formal relations they keep with each other."

Marine and coastal structures can be considered as an interface of water and land, air, communities and visitors. From Civil Engineering perspective a clash of contradicting parameters, which must be optimized and integrated to the city life. Being one of the important topics of Civil Engineering, marine and coastal structures are also one of the main interests of City and Regional Planning profession and Architecture profession, because of their undeniable mark on the city scape and on the citizen's and visitor's memory. They portray the main image of the city. Parametric design can encompass, a wide range of scale for marine/coastal structures from building blocks to mega-structures. Since parametric design is widely used for generating patterns, (or rather discover the inherent patterns) analyzing the parameters of materials (durability, flexibility, corrosiveness etc.) and parameters of context (wind and water load, temperature and humidity etc.) it can be a helpful tool for designing building blocks for waterfronts.

TARGET GROUP 1) YOUTH: Main target group of this project is university students, especially in the engineering and architecture departments. It is very important for engineering and architecture students to have this kind of new and innovative approach which is a great asset for their creativeness in their future professional carrier.

TARGET GROUP 2) YOUTH WORKERS: Parametric design is a new approach with its innovative structure, therefore, it is very important for the academicians to learn and reach to a certain level of capacity in parametric design. For this purpose, second target group is academicians as the youth workers since they transfer this knowledge to youth in the future.

The methodology that was followed in order to reach to project goals is as follows:

- 1) Handbook for Parametric Design: This handbook includes these basic sections
 - a general overview for parametric design approach
 - the importance of design parameters in marine and coastal structures
 - parameters used for the design of marine and coastal structures with conventional approach
 - parametric design concept in marine and coastal structures
- 2) A software containing an algorithm for parametric design for marine and coastal structures: A software based algorithm developed where all parameters are considered for parametric design for marine and coastal structures. This software (algorithm) is a part of the training methodology and the training activities specified below.
- 3) Training of young trainers on parametric design for marine and coastal structures: main target group that has trained under this activity is university students in the departments of engineering and architecture. These young trainers is trained by using the handbook specified above.
- 4) Training of youth workers on parametric design for marine and coastal structures: In this training activity, main target group is academicians in the architecture and engineering departments of the universities, experts and researchers whom are active in the field of youth area.
- 5) Design of a virtual marine and/or coastal structure by a selected group trained under "training of young trainers": This is a case study where the selected group among

young trainers gained experience and implement all the technical leanings about parametric design approach and design a virtual structure with all aspects. By this activity, young trainers gained experience and capacity of, not only theoretical approach but also the practical implementation.

6) Training methodology: A training document is prepared by considering the whole experience and knowledge gained through the whole steps indicated above. This training document includes the design activity indicated in item (4) as an example parametric design for marine and coastal structures. It also includes how to use the software (algorithm) during parametric design for marine and coastal structures.

7) Training seminars for youth by a selected group of young trainers: Training seminars has organized especially for university students in engineering and architecture departments and also in unities, associations, institutions and civil society organizations.

2.1. Summary of participating organisations

Role of the Organisation	PIC of the Organisation	Name of the Organisation	Country of the Organisation	Type of Organisation	Accreditation of organisation (if applicable)	Partnership Entry Date	Partnership Withdrawal Date
Beneficiary	999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	Higher education institution (tertiary level)		01/09/2017	30/11/2019
Partner	924773848	POLYTECHNEIO KRITIS	Greece	Higher education institution (tertiary level)		01/09/2017	30/11/2019
Partner	999880075	UNIVERSIDAD DE CANTABRIA	Spain	Higher education institution (tertiary level)		01/09/2017	30/11/2019
Partner	925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	Small and medium sized enterprise		01/09/2017	30/11/2019
Partner	912264243	Fatmagul Aslaner Gegeoglu Mimarlik Burosu	Turkey	Other		01/09/2017	30/11/2019
Partner	997203651	YILDIZ TECHNICAL UNIVERSITY	Turkey	Higher education institution (tertiary level)		01/09/2017	30/11/2019
Partner	998511987	UNIVERSITY OF SOUTHERN CALIFORNIA	United States	Higher education institution (tertiary level)		01/09/2017	30/11/2019

Total number of participating organisations

7

2.2. Associated Partners

In addition to the above formally participating organisations, did you involve associated partners in your project?

No

3. Description of the Project

In this section, you are asked to give information about the objectives and topics addressed by your project;

Please provide a summary of your project's concrete results and achievements. Were all original objectives of the project met? Please comment on any objectives initially pursued but not achieved and describe any achievements exceeding the initial expectations.

The project results are i) Handbook of parametric design, ii) Technical aspects of parametric design, iii) Presentation and publication of the paper on the parametric design of coastal and marine structures in the 8th National Symposium of Coastal Engineering (1-3 November 2018), which is regularly organized by Turkish Chamber of Civil Engineer, iv) Presentation of the dissemination and exploitation activities of the project in the Workshop on Dissemination and Exploitation of Results (DEOR), organized by National Agency of Turkey on 04 April 2020, v) Two videos for dissemination of the project activities, vi) Numerous presentations to the Civil engineers, youth workers, stakeholders and professionals for exploitation of the project results in different cities in Turkey in cooperation with Turkish Chamber of Civil Engineers Ankara, Eskisehir and Antalya Branches, vi) Design Tool SMC. The original objectives of the project have been met throughout of the project execution, vii) A MSc thesis has been completed in YTU (on of the partner) by Irem Gumuscu (a participant of the project) under supervision of Prof. Dr. Yalcin Yuksel. All planned activities have been realized and all objective have been attained as describe in the project proposal.

In what way was the project innovative and/or complementary to other projects already carried out?

Parametric design is a new approach that provides a methodology to cope with complex parameters that should be integrated into any design process. DESIMAR has focused on the use of parametric design approach in design of marine and coastal structures. This is new and innovative approach in the field of coastal and ocean engineering, and design of coastal structures. This approach carries the design understanding in this field to another level. Because, during the design of marine and coastal structures, stability, safety and effectiveness can not be the only parameters to be taken into consideration since a marine/coastal structure should also serve the coastal community, citizens and general public in the vicinity. If the coastal structures are designed to satisfy not only the engineering guidelines and requirements but also the expectations (aesthetics, functionality and accessibility) of the general public. Therefore, parametric design approach in the field of marine and coastal structures enables the engineers and architects to consider a complex set of engineering and architectural parameters in accordance with a methodology and algorithm, which are covered in the scope of this project, during design works and case studies.

What was the most relevant horizontal or sectoral priority addressed by your project?

HORIZONTAL: Open and innovative education, training and youth work, embedded in the digital era

What were the other relevant horizontal or sectoral priorities addressed by your project? (multiple selection possible)

- HORIZONTAL: Achievement of relevant and high quality skills and competences

In case the above selected priorities are different from the ones in the application, please explain why.

What were the most relevant topics addressed by your project? (multiple selection possible)

- ICT - new technologies - digital competences
- Digital skills

In case the selected topics are different from the ones in the application, please explain why.

3.1. Participants

Please briefly describe how did you select and involve participants in the different activities of your project.

The main target of the project is to develop and disseminate the design approach of the coastal and marine structures. Therefore the organizations having long term international expertise in this field are important to participate the project. YTU, USC, UC, TUC TERA ANKARA and FAM with their staff have long term intensive experience and leadership in

the research and design of coastal and marine structures. METU organized International Conference on Coastal Engineering 35th ICCE 2106 in Antalya) which is a biannual international conference organized on behalf of American Society of Civil Engineers ASCE since 1950. The organization Committee of ICCE 2016 is consisted of METU (coordinator of DESIMAR) and YU (partner of DESIMAR). METU has directed more than 150 national basic and applied projects, more than 25 international projects sponsored by international and national authorities such as TUBITAK, EC, British Council, Defra, NATO, IAEA, UTM Malaysia and DID Malaysia, UNESCO-IOC, Tohoku University International Research Institute of Disaster Science (IRIDeS) (Japan), and Russian Academy of Sciences Partner .YTU Hydraulics and Coastal-Harbor Engineering Laboratory, serving under the Department of Civil Engineering has long term experience on numerical and physical modeling of coastal and marine problems, design od coastal structures, coastal hydrodynamics, circulation in the bays and basins, flows in straits, sediment transport and solutions to related problems. The partner he UC-IHC is fully involved with R&D national and international programs, independently or jointly with universities, institutes or companies worldwide. The UC-IHC has been involved in EU FP5, FP2, FP7, H2020 programs. One of the main strengths of IH Cantabria relate to its infrastructures and facilities. They are an essential asset for the innovative development of the work undertaken and certainly, an added value to the project. Furthermore, UC organized International Conference on Coastal Engineering 33th ICCE 2102 in Santander. The Technical University of Crete is particularly active in conducting basic and applied research. The research and development projects, managed by the Research Committee, are funded by the European Union, the General Secretariat for Research and Technology, the Ministry of Education, the Region of Crete, local administration organizations and many private businesses. The School of Environmental Engineering ranks in the top 6 among Greek University Departments. University of Southern California (USC) is one of the leading Universities in United States. The Tsunami Research Center (TRC) at the University of Southern California (USC) is actively involved with all aspects of tsunami research; inundation field surveys, numerical and analytical modeling, and hazard assessment, mitigation and planning. In ICCE, the recent development s in design techniques of all types coastal structures are presented and discussed by the worldwide academicians and professionals. USC TRC also leads the peer review and publication of the Proceedings of ICCE. Therefore USC TUC is one of the key institutions in the world which has deep experience in recent developments in design of the coastal and marine structures. TERAANKARA, has long term experience of more than 20 years and committed to provide high quality consultancy services for expanding business in national and international markets by means of conducting regular researches of the market dynamics, launching joint ventures and setting the most effective market entry and growth strategy. FAM has a wide scope of work, including Urban, Architectural and Interior Design Projects. FAM's, design approach focuses on the interactive relations of form, content and context, considering space as a dynamic phenomenon. Aslaner Architecture, regards design as a de facto interdisciplinary process, encompassing product design, interior design, architecture, urban planning and engineering, treating architecture as a whole; a continuity of spaces and surfaces.

Participants with fewer opportunities: did your project involve participants facing situations that make their participation more difficult?

Yes

How many participants (out of the total number) would fall into this category?

50

Which types of situations did these participants face? (multiple selection possible)

- Cultural differences
- Geographical obstacles
- Social obstacles
- Economic obstacles

How did you support these participants so that they were fully engaged in the ongoing activities?

We trained young people who has fewer opportunities such as cultural, social and economic differences, geographical obstacle by including them to the training activities of DESIMAR. After the completion of the training activities they have given a certificate that describes the learning outcomes of the training. Moreover, training is realized by peer learning methodology, which also supported their commitment to the training activity.

Approximately, how many persons not receiving a specific grant benefited from or were targeted by the activities organised by the project (e.g. members of the local community, young people, experts, policy makers, and other relevant stakeholders)? Please enter the number of persons here:

120

Please describe briefly how and in which activities were these persons involved.



Dissemination and Exploitation activities of DESIMAR took place at national and international levels. Consortium partners presented the project outputs at national and international conference, meetings, workshops and refer to DESIMAR output in their scientific outputs.

4. Project Management

How did you ensure proper budget control and time management in your project?

In order to have a proper budget control, coordinator has introduced a monitoring tool for financial management and control/monitoring at the kick-off meeting. This tool allowed all partners to monitor the actual expenditure of each partner and its compliance with the budget of the project. This monitoring tool basically consisted of excel sheets containing all cost and expenditure items and updated on monthly basis during the whole project cycle.

Project management group (PMG) by the lead of project coordinator, that was formed during the kick-off meeting, was responsible for the timely execution of the project activities. PMG overseen the effective implementation of the project. PMG engaged one member from each partner organization and was responsible for coordination and administration of the project in their countries. Responsibilities of each partner in the development of intellectual outputs were determined and clearly explained and accepted with a signed internal contract between each partner and the coordinator. PMG shared this responsibility with the coordinator to ensure effective use of time during the whole project duration.

Regular communication between project partners during the transnational and virtual meetings, as well as training events allowed making regular checks, whether the project activities implemented in accordance to the project timeline and according to the requirement of the project. Project coordinator were getting in contact with partners in case of any problems and delays, the discussions with the project partners on any issues that do not allow completing the project activities on time and foreseen additional measures and instruments to ensure that the activities were completed with no or minor damages to further project activities.

Moreover partners were reporting monthly the project expenditures to the coordinator. The frequency of reporting was set out in the internal partnership agreement. This allowed project coordinator to constantly check, if the expenses of the project partners were in line with the project activities, to monitor, if the expenses met the requirements of the grant agreement, as well as to plan any changes necessary for effective use of the project funds.

Monitoring: How were the progress, quality and achievement of project activities monitored? Please describe the qualitative and quantitative indicators you used. Please give information about the involved staff, as well as the timing and frequency of the monitoring activities.

Project coordinator, METU, has long term intensive experience in the project management and implementation. Therefore METU has put in place a systematic monitoring and evaluation of the project flow in order to make sure that the outputs and results of the project meet the maximum quality standards. METU introduced the systematic monitoring and emulation project flow at the kick-off meeting. Monitoring and evaluation activities ensured that:

- the procedures, methodologies applied in the project activities and the outputs comply with the objectives of the project;
- the outputs of the project comply with the fundamental values of solidarity, equality and social justice;
- the outputs of the project, as well as international and local events comply with the universal standards of non-formal education and youth work;
- the needs and expectations of the project target groups are taken into consideration;
- the results of the project and the desired impact to its target groups comply with the efforts and financial resources used for the project.

To ensure the quality of the activities and results of the project the following quality assurance measures has been implemented:

1. Project coordinator, METU, prepared a quality assurance framework defining key quantitative and qualitative indicators for measuring the quality of the project international mobility, multiplication activities, as well as the outputs.
2. Project partners had regular discussions (during transnational and virtual project meetings) on the content of the project outputs and activities and its compliance with the standards set out in the quality assurance framework.
3. Project partners have developed tools for reflecting on the quality and benefits of the outputs, as well as international and local events developed and organised in the frame of the present project.
4. Non-formal education techniques and reflective practices were applied at the end of each international mobility activities, as well as local multiplier events in order to explore the group dynamics, collect feedback and, where necessary, changes have been made in the training and activity plans.
5. Project partners interviewed project participants engaged in the activities according to the agreed outline for measuring the impact of the project.
6. Project has been evaluated by National Agency together with an evaluator form EC in March April 2019

Evaluation: How did you evaluate to which extent the project reached its results and objectives? What indicators did you use to measure the quality of the project's results?



The evaluation indicators for the quality and success of the project were as follows:

- General observations and feedback from the participant experts in the transnational meetings; the level of experience and know-how experience during these meetings
- Number of participants in the training activities that held in Turkey for youth and youth workers from different universities, institutions, unities, civil society organizations.
- Number of downloads / clicks to the related software for the parametric algorithm.
- Number of participants to the seminars

If relevant, please describe any difficulties you have encountered in managing the implementation of the project and how you and your partners handled them. How did you handle project risks (e.g. conflict resolution processes, unforeseen events, etc.)?

According to financial procedure of the partner USC from USA, there is a overhead to be applied all the projects with the amount of 65% of the budget. In order to save the USC budget, it has not been transferred to USC account. The expenses of USC has been paid from the budget kept by METU. Patrick Lynett from USC participated the Kick Off meeting in Ankara. Adam Keen from USC participated C1 LTT Workshop on training SMC design tool in Santander. The travel expenses of these two travels have been reimbursed by METU. The management budget of USC is transferred to METU and 20% of the USC travel expenses and 20% of USC Intellectual Outputs expenses are transferred to one of the partners, since the partner has already executed the requirements.

5. Implementation

this section asks for information about all the stages of the project: implementation of main activities including practical arrangements, participants' profile, impact, dissemination of the results and future plans;

Please provide detailed information about the project activities that were supported by the grant for Project Management and Implementation.

Project activities that are supported by the Project management and Implementation budget are as follows:

- partner budget transfer costs to bank accounts
- coordination and close communication between partners, promotion and dissemination
- small scale learning/teaching/training materials and tools
- local project activities
- information, (e.g. web information, social media.).

Please describe the methodology you applied in your project.

The methodology that we followed in order to reach our final goal, innovation and creativity for youth, under this project is as follows:

1) Handbook for Parametric Design: This handbook includes:

- a general overview for parametric design approach
- the importance of design parameters in marine and coastal structures
- parameters used for the design of marine and coastal structures with conventional approach
- parametric design concept in marine and coastal structures

2) A software containing an algorithm for parametric design for marine and coastal structures: The software based algorithm is developed, where all parameters are considered for parametric design of marine and coastal structures. This software (algorithm) is a part of the training methodology and the training activities. Brief information of the design tool (software) and its manual are uploaded to dissemination platform.

3) Training of young trainers on parametric design for marine and coastal structures: Our main target group trained in LTT and multiplier event activities were graduate and undergraduate level university students from departments of civil engineering and architecture. These young trainers are trained through the handbook of parametric design and the document of Technical Aspects of Design of Marine and Coastal Structures developed during the implementation phase of the project.

4) Training of youth workers on parametric design for marine and coastal structures: In this training activity, main target group was academicians in the departments of the universities, experts, researchers, decision-makers, researchers and civil society organizations whom are active in the field of youth area.

5) Design of a virtual marine and/or coastal structure by a selected group trained under "training of young trainers": This was a case study where the selected group among young trainers experienced and implemented all the technical learning about parametric design approach and design a virtual structure with all aspects. By this activity, young trainers gain the experience and capacity of, not only theoretical approach but also the practical implementation.

6) Training methodology: A training document is prepared by considering the whole experience and knowledge gained through the whole steps indicated above. This training document includes the design activity indicated in item (4) as an example parametric design for marine and coastal structures. It also includes how to use the software (algorithm) during parametric design for marine and coastal structures.

7) Training seminars for youth by a selected group of young trainers: A certain number of training seminars are organized for university students in the engineering and architecture departments and also in civil society organizations, associations, institutions. In these seminars, a selected group of young trainers held the training and training methodology specified in the item (5) above.

8) Technical visits to the coastal sites have been organized in Athens-Greece, Santander-Spain, Istanbul and Fethiye-Turkey for the participants of the workshops.

How did the project partners contribute to the project? Please detail specific contributions made by the partner organisations.

This Strategic Partnership had the following aims and objectives:

- To develop a new and innovative approach, parametric design, in the field of marine and coastal structures,
- To prepare a training methodology on parametric design for marine and coastal structures
- To prepare a general handbook for parametric design approach
- To develop a software containing an algorithm of parametric design for marine and coastal structures
- To train two target groups (youth and youth workers) by combining all intellectual outputs indicated above

Project partners have been chosen according to their expertise and experience to attain those aims and objectives.

We have chosen the partners following the four main aspects:

1) Project management skills: Most of the involved organizations have vast experience of management of EU funded

projects which is a guaranty for a smooth implementation of the project.

2) Professional capacity: The partners have been selected considering the experience of their staff and their experience with educational activities. All partners have experience with creating educational content and organizing educational activities (face-to-face as well as internet-based) and all of them have extensive experience with the target group and youth work.

3) Access to target group. As specified through the whole document, our target groups are youth (students in engineering and architecture departments) and youth workers (especially academicians in the related departments), therefore, universities are perfect to reach these groups.

4) Commitment to the principles of international cooperation. All partners have intensive experience in these kind of transnational projects. Besides, project partners have executed some projects together with the similar characteristics.

There are two disciplines involved in the project. They are coastal engineers and architectures. Engineers' priorities are stability, safety, functionality; and architects' priority are functionality and aesthetics. Therefore, in the project team there are long discussions to define the parametric design of coastal structures satisfying the needs of the users and public.

They have discussed how parametric criteria will define the best geometry of coastal and ocean structures based on urban planning.

Partners contributed to the project with their expertise:

METU Coastal and Ocean Engineering Research Center organized International Conference on Coastal Engineering 35th ICCE 2106 in Antalya) on behalf of American Society of Civil Engineers ASCE. The organization Committee is consisted of METU (coordinator of DESIMAR) and YTU (partner of DESIMAR). ICCE is a distinguished international conference in coastal and ocean engineering field. In ICCE, the recent developments in design techniques of all types coastal structures are presented and discussed by the worldwide academicians and professionals. Therefore, METU and YTU gained deep experience in recent developments in design and construction of the coastal and marine structures worldwide. METU has completed more than 15 projects and consultancies and is executing at least 15 national and international projects and consultancies in each year. METU is the Coordinator of the project and contributed to the project with its experience and scientific level during the production of all intellectual outputs and training activities. YTU, USC, UC and TUC has collaborated with METU by sharing experience and know-how not only at professional level but also at academic level for the development of the design tools for youth and early career professionals within project DESIMAR.

TERA Ankara is a specialized youth organization on Erasmus+ projects and contributes to the project with its project management skills and experience in production of intellectual outputs. TERA Ankara has contributed to the development of O1, O2, O3, O4 and O5.

Aslaner Mimarlık has been working on parametric design approach for the last years and developing an experience and know-how for the practical use of this new and innovative approach in the professional life. Aslaner Mimarlık had a contribution on the project in the development of O1, O2, O3, O4 and O5 and especially, during the production of handbook for parametric design approach, they took a leading role by putting architecture aspect of the parametric design with non-formal education methodologies.

How did you communicate and cooperate with your partners? What are the positive and negative elements of the cooperation process? What would you improve if you were to carry out a similar project in the future?

Project partners forming the consortium are from different countries, therefore communication was very important for an effective and efficient management of the project. In order to have a full coordination, all technological communication tools like telephone and fax, including e-mail, e-mail groups, skype sessions, social platforms (facebook, linkedin, twitter) were used during the project implementation and dissemination period which is still on-going.

In order to allow easy and effective communication between partners a contact person from each partner has been designated at the kick-off meeting. An open source online platform, google drive, has developed to share documents, updates, and notifications.

Besides, partners met during the transnational meetings and workshop and shared information, and exchanged ideas and innovative approaches. All partners' responsibilities were determined and specified during the preparation period of the project and during the transnational meetings, LTT activities, exchange of ideas, know-how and approaches contributed to the project in a very high level which was crucial for such an innovative project.

During the production of intellectual outputs, all partners has contributed to the development of the intellectual outputs inline with their expertise and know-how. Therefore, during the whole production period for all intellectual outputs, there were regular online informative meetings, once or twice a month, through mostly skype and WhatsApp group of the project.

What target groups were addressed in your activities plan? Were the target groups changed in comparison to the ones

identified in the application form?

The main target groups were selected from undergraduate and graduate students from the departments of civil engineering and architecture in the selected Universities as youth, and the engineers/professionals from Turkish Chamber of Civil Engineers. High school teachers (Çiğdem Anadolu Lisesi) are also selected as youth workers to be trained in the multiplier events and dissemination activities.

If relevant for your project, did you use or you plan to use Erasmus+ online platforms (e.g. EPALE, School Education Gateway, eTwinning) for the preparation, implementation and/or follow-up of your project? If yes, please describe how.

We are planning to use EPALE for the follow up of our project.

5.1. Transnational Project Meetings

This table reflects the information entered in Mobility Tool+. If you would like to change it please do it in the corresponding Mobility Tool+ section. The information presented here will be automatically refreshed after that.

Meeting ID	47156-TPM-00001
Meeting Title	1st Transnational Meeting (Kickoff meeting)
Description of the meeting	1st Transnational Meeting (Kickoff meeting): - General overview for Erasmus+ program - Detailed explanation of how to use the project budget in terms of Erasmus+ Program general rules and procedures - Technical discussion regarding the scope of the project intellectual outputs - Roadmap for the project activities
Start Date	09/03/2018
End Date	09/03/2018
Receiving Organisation	MIDDLE EAST TECHNICAL UNIVERSITY
Receiving Country	Turkey
Receiving City	ANKARA
No. of Participants	16

Meeting ID	47156-TPM-00002
Meeting Title	2nd Transnational Meeting
Description of the meeting	2nd Transnational Meeting (Progress Meeting): - Technical discussions about the content of Intellectual Output 1 - Project website and online tools - Technical discussions about the draft version of Intellectual Output 2 - Handbook for Parametric Design - Technical discussions about the content of the parameters to be considered for Intellectual Output 3 - A Software for Parametric Design Algorithm
Start Date	18/06/2018
End Date	19/06/2018
Receiving Organisation	POLYTECHNEIO KRITIS
Receiving Country	Greece
Receiving City	Athens
No. of Participants	9

Meeting ID	47156-TPM-00003
Meeting Title	Final Transnational Meeting
Description of the meeting	Final meeting where partners have finalized the dissemination plans for the future, sustainability, impact assessment of the project results and closing
Start Date	25/11/2017

End Date	27/11/2019
Receiving Organisation	MIDDLE EAST TECHNICAL UNIVERSITY
Receiving Country	Turkey
Receiving City	ANKARA
No. of Participants	8

Total Number of Participants	33
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5.2. Intellectual Outputs

This table reflects the information entered in Mobility Tool+. If you would like to change it please do it in the corresponding Mobility Tool+ section. The information presented here will be automatically refreshed after that.

Output Identification	O1
Output title	Project website and online tools
Description of the intellectual output	The project web site http://desimar.org has a simple address. The web site is designed to describe the main objectives and activities of the project, to present and disseminate the project outputs. The main page of the web site welcomes the users with two informative media tools as instructive and attractive videos. One of the videos summarizes the project by giving the brief information about the coastal and marine structures, their interaction between humanity and marine induced hazards, project partners, necessities of coastal defense, solutions with parametric design for safe coastal communities using the illustrative background videos. Another video summarizes C3 activity held in Fethiye with the details of the workshop and the technical visit to the coastal and marine structures in the region. The main page of the web site covers vision and mission of the project and description of the target groups. The web site is open to public in two languages (Turkish and English). All information about the Transnational Project Meetings, Learning, Training, Teaching workshops and Multiplier Events are available under different pages with illustrative materials. The Intellectual Outputs are presented to review and download from respective page. Moreover, project web site includes updated data with recent news about the project, and related reports and guidelines.
Start Date (dd-mm-yyyy)	01/09/2017
End Date (dd-mm-yyyy)	30/11/2019
Available Languages	English, Turkish
Available Medias	Internet, Website
Leading Organisation	MIDDLE EAST TECHNICAL UNIVERSITY
Participating Organisations	YILDIZ TECHNICAL UNIVERSITY, Fatmagul Aslaner Gegeoglu Mimarlik Burosu, Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti, UNIVERSIDAD DE CANTABRIA, POLYTECHNEIO KRITIS

Output Identification	O2
Output title	Handbook for Parametric Design
	Since parametric design approach is a new and innovative concept, a handbook containing all aspects of parametric design in general and, particular, in marine and coastal structures is prepared. This enabled especially youth and youth workers to have a basic idea and knowledge about parametric design approach. Handbook for Parametric Design covered the following sections, n - a general overview for parametric design approach - the importance of design parameters in marine and coastal structures - parameters used for the design of marine and coastal structures with conventional approach - parametric design concept in marine and coastal structures This Handbook focuses on the interdisciplinary study of Coastal and Ocean engineering together with Architectural and Urban design, using parametric design as a tool in DESIMAR Project. The aim is to introduce a common platform where both disciplines overlap and share their knowledge with efficiency. It can also provide a guide for similar studies, where such training is required. The handbook describes the Parametric Design as a design process based on algorithmic thinking that uses parameters and functions to define, interpret or clarify any design based on geometry. In other words; the use of algorithms for geometric output. Geometric output can also be named as "response". "The ground of parametric design is the generation of geometry from the definition of a family of initial parameters and the design of the formal relations they keep with each other." [It can be said that each discipline approaches the subject matter- that is "space" from a different

Description of the intellectual output	<p>perspective. For example while engineering discipline is concerned on building a "solid" structure within a space, architecture discipline focuses on designing the "void" that is defined by the structure, in other words the life that takes place within. Therefore, the term "structure" is solid / independent and calculable for engineers. However, for architects it is void/interdependent and, to a certain extent in calculable. Different approaches require different parameters even though they deal with the same subject matter. The Handbook describes that the coastal structures comprehensively include anything that is human-made on a coastal area. They are built to slow down or prevent coastal erosions, increase access or mooring sites and support coastal subdivisions. However, they are also a part of the urban environment. They are closely related to the land nearby, both in physical terms and they effect the life/livability of the coast, which is one of the main concerns of architecture and urban design. This points out to an overlap of two disciplines. From architecture and urban design perspective, a coastline is not just the strip of water but is a crucial part of an urban life. Hence, it is called a "waterfront" as it is interrelated with the rest of the city. The Handbook concludes that collaboration between two disciplines such as Coastal and Ocean Engineering and Architecture and Urban Planning can be done through Parametric Design. Such an effort is beneficiary for not only both discipline but the coastal areas. A step-by-step guide for similar studies can be provided by DESIMAR Project . The documentation and interpretation of meetings and especially workshops, allow the method and process to be repeated with ease for other similar projects and training the youth. Besides, this handbook, together with the design tool for marine and coastal structures, can be a base for the future studies and projects.</p>
Start Date (dd-mm-yyyy)	01/09/2017
End Date (dd-mm-yyyy)	31/08/2018
Available Languages	Turkish, English
Available Medias	Book, Website
Leading Organisation	MIDDLE EAST TECHNICAL UNIVERSITY
Participating Organisations	YILDIZ TECHNICAL UNIVERSITY, POLYTECHNEIO KRITIS, Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti, UNIVERSIDAD DE CANTABRIA, Fatmagul Aslaner Gegeoglu Mimarlik Burosu

Output Identification	O3
Output title	A Software for parametric design algorithm
Description of the intellectual output	<p>A software named Coastal Modelling System (SMC) developed for design of coastal and marine structures is utilized in the project. The software is developed by the partner UC. It integrates a series of applications and numerical models structured according to the space and time scale of the different dynamics affecting the littoral and beach morphology based on different thematic and reference documents. The software follows the algorithm of the design of coastal and marine structures. This particular software is based on an algorithm, which computes the necessary parameters to be considered for parametric design of coastal and marine structures. The software became one of the main parts of the training workshops. Various applications from Spain and Turkey are tested in the project workshops to strengthen the training of the participants and to disseminate the project outcomes. Coastal Modelling System (SMC) integrates a series of applications and numerical models structured according to the space and time scale of the different dynamics affecting the coastal processed. All the applications of Coastal Modelling System are integrated within SMC but can also be executed autonomously. In this sense, SMC can be seen as an independent application with a specific purpose. The structure of the SMC can be summarized in the following, The full software consists seven different modules. These modules are, • Baco: Bathymetric information module. https://smc.ihcantabria.es/SMC25/en/baco/ • Atlas: Flood level determination module. https://smc.ihcantabria.es/SMC25/en/atlas/ • Odin: Wave and dynamic characterization. Modal and morphodynamic states module. https://smc.ihcantabria.es/SMC25/en/odin/ • Mopla: Beach morphodynamic evolution module. https://smc.ihcantabria.es/SMC25/en/mopla/ • Petra: Beach cross profile evolution module. https://smc.ihcantabria.es/SMC25/en/petra/ • Tic: Formulas and procedures in coastal engineering module. https://smc.ihcantabria.es/SMC25/en/tic/ • SMC: Terrain modelling & Equilibrium beach module. The flowchart in the design process of SMC follows the engineering and architectural approaches. In the first stage, morphological, hydrographical and environmental data (bathymetry, topography, wind, wave, current characteristics and other related environmental parameters) are collected and analyzed. In the next stage, the layout and components of the structure are designed. After preliminary layout design, the agitation inside the basin, the stability of the structural components, the sedimentation around structure, are modeled by the SMC tool for the further stages of the design. The interaction of the structure with the nearby coastal structures are also investigated through numerical modeling. In the project, several applications are discussed in the respective workshops.</p>
Start Date (dd-mm-yyyy)	18/06/2018

End Date (dd-mm-yyyy)	28/02/2019
Available Languages	Turkish, English
Available Medias	Software, Website
Leading Organisation	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti
Participating Organisations	POLYTECHNEIO KRITIS, MIDDLE EAST TECHNICAL UNIVERSITY, UNIVERSIDAD DE CANTABRIA, Fatmagul Aslaner Gegeoglu Mimarlik Burosu, YILDIZ TECHNICAL UNIVERSITY

Output Identification	O4
Output title	Production of a design of complex marine and coastal structures by selected student groups
Description of the intellectual output	<p>This output covers the design of specific structures or structural complex by the selected young groups. In this respect, three groups of students are selected and three different virtual projects are assigned these groups. The projects are on the design of i) a marine passenger terminal, ii) an offshore research island and iii) sea outfall system. The groups worked on their projects in three months duration. There were weekly meetings held with the groups to supervise them by the experts. The regular meetings with the groups enabled students to learn more technical details on the design stages of these type complex projects. During the production of the intellectual outputs, young trainers gained the technical and practical capacity. This selected group of young trainers shared their experience with other students. Therefore, it is very important for the young trainers to produce such a design for coastal and marine structures by following the whole design procedure of parametric design approach on the way to reach a high level of knowledge and competence in this area. To provide such a high level experience for students is one of the project's main objectives. This selected group of young trainers became trainers for the training seminars specified in the multiplier events section. Therefore, it is very important for the young trainers to produce such a design for a marine and/or coastal structures by following the whole design procedure for parametric design approach, in order to reach a high level of knowledge and competence in this area. To provide such a high level for the young trainers is one of the project's main objects because young trainers can transfer this knowledge to other young people.</p>
Start Date (dd-mm-yyyy)	01/09/2017
End Date (dd-mm-yyyy)	31/08/2019
Available Languages	English, Turkish
Available Medias	Software, Website
Leading Organisation	MIDDLE EAST TECHNICAL UNIVERSITY
Participating Organisations	YILDIZ TECHNICAL UNIVERSITY, UNIVERSIDAD DE CANTABRIA, Fatmagul Aslaner Gegeoglu Mimarlik Burosu, Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti, POLYTECHNEIO KRITIS

Output Identification	O5
Output title	Training methodology for parametric design for marine and coastal structures
Description of the intellectual output	<p>A training document containing the methodology and technical aspects for parametric design for marine and coastal structures is prepared by considering the whole experience and knowledge gained throughout the professional experience of the partners and during the production of complete intellectual outputs in the project. The training document named Technical Aspects of Parametric Design is produced in this respect. The document indicates that design of coastal structures by satisfying the expectations of coastal communities mainly on the functionality and aesthetics becomes a new consideration in design approach of coastal marine structures This training document introduces three different design approaches for the coastal and marine structures. These approaches are, i) Stability based design, ii) Performance based design and iii) parametric design of the coastal and marine structures. During the training seminars, young trainers used this document. In each seminar, training document is distributed to the participants and necessary instructions are presented for the purpose of their easy use.</p>
Start Date (dd-mm-yyyy)	01/09/2017
End Date (dd-mm-yyyy)	31/08/2019
Available Languages	English, Turkish
Available Medias	Book, Website
Leading Organisation	MIDDLE EAST TECHNICAL UNIVERSITY

Participating Organisations

Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti, UNIVERSIDAD DE CANTABRIA, YILDIZ TECHNICAL UNIVERSITY, Fatmagul Aslaner Gegeoglu Mimarlik Burosu, POLYTECHNEIO KRITIS

5.3. Multiplier Events

This table reflects the information entered in Mobility Tool+. If you would like to change it please do it in the corresponding Mobility Tool+ section. The information presented here will be automatically refreshed after that.

Event Identification	E1
Event Title	Training seminars to selected groups from professionals and youth workers
Description of the multiplier event	A series of DESIMAR training seminars are organized as multiplier events. These seminars have been held in Ankara, Antalya and Eskişehir with the participations from stakeholders, sector professionals, youth workers, experts, government agencies, branches of chamber of civil engineers, associations and university students studying architecture and engineering. In these seminars, the experts and young trainers used the intellectual outputs of the project in the training sessions of the seminars. One of the multiplier events has been organized in the Antalya Branch of the Turkish Chamber of Civil Engineers on 18 August 2018 for the anniversary of 1999 Izmit earthquake for 18 participants. Ankara Branch of Chamber of Civil Engineers has organized another event on 23 May 2019 with the participation of 48 members as a multiplier event of the project. Similarly, Eskişehir Branch of Chamber of Civil Engineers has organized another event on 19 November 2019 with the participation of 15 professionals as another multiplier event. Project team has organized another multiplier event for the youth workers in Cigdem Anadolu Lisesi in Ankara in November 2019. Nine High School teachers have attended to the event. Totally 90 participants have attended to the multiplier events of the project.
Country of Venue	Turkey
Start Date (dd-mm-yyyy)	01/09/2017
End Date (dd-mm-yyyy)	31/08/2019
Intellectual Outputs Covered (using Output Identification number)	O5;O1;O2;O3;O4
Leading Organisation	MIDDLE EAST TECHNICAL UNIVERSITY
Participating Organisations	

5.4. Learning/Teaching/Training Activities

This table reflects the information entered in Mobility Tool+. If you would like to change it please do it in the corresponding Mobility Tool+ section. The information presented here will be automatically refreshed after that.

Activity No.	C1
Field	YOUTH
Activity Type	SP-YOUTH-SHORT-TRAIN
Description of the activity	Workshop: Workshop held at University of Cantabria Institute of Hydraulic Engineering in between 11-15 November 2019. UC has long term international research experience on the mathematical and physical solutions of design problems of marine and coastal structures. During the workshop, UC shared its know how in the field with the participants. The computational tool SMC developed by IH Cantabria has been introduced to participants and special training has been given by the UC staff to the participants. SMC – Coastal Modelling System software, with its different modules, provides solutions to the problems of coastal structures and coastal processes for coastal interdisciplinary studies of Coastal Engineering and Architecture – Urban Design disciplines. The information about the software can be obtained from the link https://smc.ihcantabria.es/SMC25/en/programas/ Within the scope of this workshop, technical visits to highlighted marine / coastal structures in Santander was organized. During the technical visits, the history of the coastal problems and applied solutions and their results are discussed at site with examples. In addition to these, partners held a quality assessment session after the workshop sessions, where qualitative and quantitative tools were used to assess the impact and quality of the two outputs "handbook for parametric design" and "a software containing an algorithm for parametric design for marine and coastal structures". These two intellectual outputs are very

	important since they are the basis for training activities and the training methodology. This workshop was very helpful to the project and beneficial to gain the best experience and know-how related with the parametric design approach in marine and coastal structures and besides, to discuss and determine all details and needs for further modifications of these outputs.
Country of Venue	Spain
No. of Participants	10
Participants with Special Needs (out of total number of Participants)	0
Accompanying Persons (out of total number of Participants)	0
Is this a long-term activity?	No
Funded Duration (days)	50
Participating Organisations	MIDDLE EAST TECHNICAL UNIVERSITY, Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti, YILDIZ TECHNICAL UNIVERSITY, Fatmagul Aslaner Gegeoglu Mimarlik Buros, UNIVERSITY OF SOUTHERN CALIFORNIA, POLYTECHNEIO KRITIS

Activity No.	C2
Field	YOUTH
Activity Type	SP-YOUTH-SHORT-TRAIN
Description of the activity	Training of young trainers on parametric design for marine and coastal structures: university students in the departments of engineering and architecture were trained during the workshop. Workshop held in İstanbul led by Yıldız Technical University. Intellectual outputs of handbook and software (algorithm) for marine and coastal structure used during the training activity for young trainers. These young trainers, held training seminars under multiplier events in Ankara, Antalya and Eskişehir. Excursion and visits to Galata Port Salıpazari and coastal structures took place as a part of the C2 training activity in İstanbul on 27 August 2019. Training of youth workers on parametric design for marine and coastal structures: In this training activity, stakeholders such as academicians in the related departments of the universities, experts and researchers participated to the workshop. This training activity was very important for the dissemination and sustainability of the project results.
Country of Venue	Turkey
No. of Participants	7
Participants with Special Needs (out of total number of Participants)	0
Accompanying Persons (out of total number of Participants)	0
Is this a long-term activity?	No
Funded Duration (days)	35
Participating Organisations	MIDDLE EAST TECHNICAL UNIVERSITY, Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti

Activity No.	C3
Field	YOUTH
Activity Type	SP-YOUTH-SHORT-TRAIN
Description of the activity	Training of young trainers on parametric design for marine and coastal structures: university students in the departments of engineering and architecture were trained during the workshop. Workshop held in Fethiye town, Muğla city on 22-24 November 2019 and led by METU. In the workshop, the experts have presented the selected important coastal project from Turkey and Spain to the participants. On the other hand, three groups consisted of six students in each group have previously assigned to design three different conceptual projects. These projects are i) Design of a Sea Outfall System in Fethiye, ii) Design of a Marine Passenger Terminal in Fethiye, iii) Design of a Research Island offshore Fethiye. After 2 months' duration of the group study on each

Description of the activity	project, each presented their projects to the participants in a special session of the workshop. The students have followed the intellectual outputs of the project. Another session is organized to discuss, criticize and evaluate the presented projects by the participants following the Intellectual Outputs of DESIMAR. In addition to workshop activities a field trip is organized on the boat to visit and discuss the presented conceptual projects at the site together with the discussions on the design and functionality of the existing coastal structures in the line of the objectives of DESIMAR. Intellectual outputs of handbook and software (algorithm) for marine and coastal structure used during the training activity for young trainers. The developer expert, staff of DESIMAR Partner UC, Prof. Mauricio Gonzalez has shared his experience on site with the participants. These young trainers, held training seminars under multiplier events.
Country of Venue	Turkey
No. of Participants	13
Participants with Special Needs (out of total number of Participants)	0
Accompanying Persons (out of total number of Participants)	0
Is this a long-term activity?	No
Funded Duration (days)	65
Participating Organisations	MIDDLE EAST TECHNICAL UNIVERSITY, YILDIZ TECHNICAL UNIVERSITY, Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti, UNIVERSIDAD DE CANTABRIA, Fatmagul Aslaner Gegeoglu Mimarlik Burosu

5.5. Participants in Learning/Teaching/Training Activities

5.5.1. Participants' Profile

For each activity, please describe the background and profile of the participants involved in the learning, teaching or training activities. How were the participants selected, prepared and supported? If relevant, please describe any practical arrangement set for the participants, including training, teaching or learning agreements.

In LTT activities the participants are selected from the departments of civil engineering and architecture in the selected universities with a special interest to select young people with fewer opportunities. The graduate students and professionals are accepted to participate the seminars and training events.

5.5.2. Participants' Recognition

Did your project make use of European instruments like Europass, ECVET, Youthpass, ECTS etc. or any national instruments/certificates for recognition or validation of the learning outcomes of the participants in the learning, teaching or training activities?

Yes

Please indicate the recognition/validation instruments used in your project: (multiple selection possible)

- Youthpass Certificate

If you have used other recognition/validation instruments, please describe them:

We also provided the certificates for attendance to the participants of LTT activities.

5.5.3. Intensive Study Programmes - Invited teachers

This section doesn't apply for this project

6. Follow-up

6.1. Impact

What was the project's impact on the participants, participating organisations, target groups and other relevant stakeholders?

Basically, the project had two target groups:

- 1) Youth; mostly the university students from the engineering and architecture departments
- 2) Youth workers; the academicians from the related departments and experts from institutions, unities, civil society organizations, teachers from high schools.

Impacts of the project on these groups are:

- university students from the engineering and architecture departments and new graduated engineers and architects, gained new skills and approach in an innovative field, which is a big asset for their future career planning
- academicians and experts had a chance to widen their expertise with a new innovative methodology
- experts from other organizations, to gain parametric design skills which is very advantageous for the execution of the related projects

In addition to the above mentioned items; Marine and coastal structures can be considered as an interface of water and land, urbanites and visitors and from civil engineering perspective a clash of contradicting parameters, which must be optimized and integrated to the city life. Being one of the important topics of Civil engineering, marine and coastal structures are also one of the main research subjects of City Planning and Architecture, because of their undeniable mark on the city scape and on the citizen's and visitor's memory. They portray an image of the city.

The LTT activities are mainly targeted to graduate students from the civil engineering and architecture departments of the selected universities. The multiplier events are targeted to the selected professionals from the Turkish Chamber of Civil Engineers.

What was the impact of the project at the local, regional, European and/or international levels? Please provide qualitative and quantitative indicators.

At the local level: dissemination activities in the departments of i) civil engineering and ii) architecture in the selected universities, and key stakeholders such as Turkish Chamber of Civil Engineers and Chamber of Architects have been conveyed.

At regional level: dissemination activities in public events, discussions and information sessions (workshops, seminars, peer reviews)

At European and international level: dissemination activities with existing networks and transnational partners; transfer of information and know-how, dissemination with EU policy measures

The impact assessment is an essential part of the process and evaluates achievements and generates recommendations for future improvements. Therefore qualitative and quantitative Indicators are used to measure progress towards goals and set at the start of the project as a part of the overall dissemination plan. The qualitative and quantitative indicators used for the impact assessment are as follows:

Questionnaires, interviews, observations and assessments are used to measure the impact.

Facts and figures related to the website of project organizers (updates, visits, consultation, cross referencing);

Numbers of meetings with key stakeholders;

Numbers of participants involved in discussions and information sessions (workshops, seminars, peer reviews); follow-up measures;

Production and circulation of products;

Media coverage (articles in specialized press newsletters, press releases, interviews, etc.);

Visibility in the social media and attractiveness of website;

Participation in public events;

Links with existing networks and transnational partners; transfer of information and know-how;

Impact on regional, national, EU policy measures;

Feedback from end-users, other stakeholders, peers, policy-makers

How did the project contribute to the achievement of the most relevant priorities as indicated in the description section?

Our project achieved to publish the fundamentals of the parametric design of coastal and marine structures in the National Symposium of Coastal Engineering regularly held by Turkish Chamber of Civil Engineering. Since the project

main concept is on the coastal and marine structures, the presentation of the project activities and publication of the parametric design strongly contributed to the relevant proprieties as indicated in the description of the project.

6.2. Dissemination and Use of Projects' Results

To whom did you disseminate the project results inside and outside your partnership? Please define in particular your targeted audience(s) at local/regional/national/EU level/international and explain your choices.

At Local Level: Dissemination activities were very advantageous for partners, as it created new opportunities to extend the project and its results and to develop new partnerships for the future. dissemination and exploitation led to external recognition of the work carried out adding further credit to it.
At Regional Level: Dissemination and exploitation of project results helped to inform future policy and practice.
At EU level: Sharing the results of the project enables everyone to benefit from the activities and experiences of the Erasmus+ Program. Project results serve as examples and inspire others by showing what is possible to achieve under the program. The results of the project are disseminated through the partners outstanding international network and are known and used outside the project partnership. Partners are presenting the project results at the international conferences and enabling reaching out to as many potential users as possible through effective dissemination, which help to achieve a return on investment.

What kind of dissemination activities did your partnership carry out and through which channels? Please also provide information on the feedback received.

Before the project starts, partners have drafted the dissemination and exploitation plan; clearly set the definition of the expected impact and deliverables;
has planned how and to whom dissemination and exploitation outcomes will be disseminated. During the implementation phase of the project, a comprehensive dissemination and exploitation plan was made. Dissemination and exploitation goals were to:
_raise awareness;
_extend the impact;
_engage stakeholders and target groups;
_share solutions and know how;
_influence policy and practice;
_develop new partnerships.

AT THE IMPLEMENTATION STAGE

In order to attain these goals, social media channels are actively used at local and regional levels; google advertisements are used; project results are disseminated at local, regional and international levels, effective visuals and videos were prepared to social media agencies, information leaflets were prepared and spread to stakeholders, recognition certificates are prepared for the participants; handbook, and tools are prepared; press and media are informed about the project events. All project results are disseminated through the website, through the seminars and meetings with stakeholders, youth workers, youth, through the workshops with participation of experts and students from departments of civil engineering and Architecture, and through the multiplier events in collaboration with the Turkish Chamber of Civil Engineers. The project activities are announced through various communication means, results are distributed to the existing contacts and networks, stakeholders were involved in view of transferring results to end users/ new areas/policies, a banner of project is sent to Engineering and Architecture Departments of the universities

AT FINAL REPORT STAGE, for an effective dissemination, we uploaded the final project results and an update of the project description on the Erasmus+ Project Results Platform (Dissemination Platform).

After the completion of the Project, DESIMAR Project partners shall:

- _continue their collaboration
- _continue further dissemination (as described above);
- _develop and share ideas for future cooperation;
- _evaluate achievements and impact;
- _contact relevant media;
- _contact policy-makers if relevant
- _cooperate with the European Commission by providing useful inputs to its dissemination and exploitation efforts.

Erasmus+ promotes an open access requirement for all materials produced through its projects. In case your project has

produced intellectual outputs/tangible deliverables, please describe if and how you have promoted free access to them by the public. In case a limitation was imposed for the use of the open licence, please specify the reasons, extent and nature of this limitation.

Our project outputs are uploaded to Dissemination Platform for public access. Totally 14 different files (consisted of videos, presentations, Handbook and Technical Aspects of Parametric design in Turkish and English, document of design approach of tool SMC) of DESIMAR are available in dissemination platform.

6.3. Sustainability

What are the activities and results that will be maintained after the end of the EU funding, and how will you ensure the resources needed to sustain them?

The sustainability of the project results depends on the transfer of knowledge and expertise on parametric design gained during the project and disseminated effectively to the target groups especially from the university students in department of civil engineering and department of architecture and graduates from these departments. The dissemination is planned to continue after the completion of the project. For this purpose, within the scope of the project, young trainers are trained by experts on the parametric design approach to apply coastal and marine structures. Furthermore, youth workers, such as high school teachers, academicians and experts from related entities and schools have trained on the parametric design. After these training of trainers activities, trainers have the capacity to hold training seminars in the direction of project objectives in the future. The Intellectual outputs of the project (website, handbook, technical aspects, method, presentations, the paper published in the 8th National Symposium on Coastal Engineering) are the helpful materials to be used in the future seminars and training events on the parametric design by the young trainers trained during the DESIMAR project. Therefore, the trainers are core factor for the sustainability of the project after the completion of the project.

7. Budget

this section gives a detailed overview of the final amount of the EU grant you request;

7.1. Budget Summary

PIC of the Organisation	Name of the Organisation	Country of the Organisation	Project Management and Implementation	Transnational Project Meetings	Intellectual Outputs	Multiplier Events	Learning/Teaching/Training Activities				Special Needs Support	Exceptional Costs	Exceptional Cost Guarantee	Total (Calculated)
							Total EU Travel Grant	EU Individual Support	Linguistic Support Grant	Exceptional Costs (Overseas Countries and Territories Travel Costs)				
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	18,000.00	575.00	30,720.00	7,200.00	2,500.00	5,000.00	0.00	0.00	0.00	1,987.50	0.00	65,982.50
912264243	Fatmagul Aslaner Gegeoglu Mimarlik Buros	Turkey	6,000.00	2,300.00	9,000.00	0.00	540.00	1,000.00	0.00	0.00	0.00	0.00	0.00	18,840.00
924773848	POLYTECHNEIO KRITIS	Greece	6,000.00	1,725.00	11,919.00	0.00	360.00	500.00	0.00	0.00	0.00	0.00	0.00	20,504.00
925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	6,000.00	1,150.00	25,340.00	0.00	3,210.00	6,000.00	0.00	0.00	0.00	531.00	0.00	42,231.00
997203651	YILDIZ TECHNICAL UNIVERSITY	Turkey	6,000.00	1,150.00	12,030.00	0.00	900.00	1,500.00	0.00	0.00	0.00	0.00	0.00	21,580.00
998511987	UNIVERSITY OF SOUTHERN CALIFORNIA	United States	0.00	760.00	0.00	0.00	1,300.00	500.00	0.00	0.00	0.00	0.00	0.00	2,560.00
999880075	UNIVERSIDAD DE CANTABRIA	Spain	6,000.00	3,040.00	17,800.00	0.00	360.00	500.00	0.00	0.00	0.00	0.00	0.00	27,700.00
Total			48,000.00	10,700.00	106,809.00	7,200.00	9,170.00	15,000.00	0.00	0.00	0.00	2,518.50	0.00	199,397.50

7.1.1. Project Total Amount

Project Total Amount Reported (Calculated)	199,397.50
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Please provide any further comments you may have concerning the above figure.

7.2. Project management and implementation

PIC of the Organisation	Role of the Organisation	Name of the Organisation	Country of the Organisation	Total
997203651	Partner	YILDIZ TECHNICAL UNIVERSITY	Turkey	6,000.00
998511987	Partner	UNIVERSITY OF SOUTHERN CALIFORNIA	United States	0.00
925503579	Partner	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	6,000.00
999643492	Beneficiary	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	18,000.00
924773848	Partner	POLYTECHNEIO KRITIS	Greece	6,000.00
999880075	Partner	UNIVERSIDAD DE CANTABRIA	Spain	6,000.00
912264243	Partner	Fatmagul Aslaner Gegeoglu Mimarlik Burosu	Turkey	6,000.00
Total				48,000.00

7.3. Transnational Project Meetings

PIC of the Sending Organisation	Name of the Organisation	Country of the Organisation	Total No. of Meetings	Total Number of Participants in All Meetings	Distance Band	Grant per participant	Total (Calculated)
912264243	Fatmagul Aslaner Gegeoglu Mimarlik Burosu	Turkey	1	1	100 - 1999 km	575.00	575.00
912264243	Fatmagul Aslaner Gegeoglu Mimarlik Burosu	Turkey	1	1	100 - 1999 km	575.00	575.00
912264243	Fatmagul Aslaner Gegeoglu Mimarlik Burosu	Turkey	1	2	100 - 1999 km	575.00	1,150.00
924773848	POLYTECHNEIO KRITIS	Greece	1	1	100 - 1999 km	575.00	575.00
924773848	POLYTECHNEIO KRITIS	Greece	1	2	100 - 1999 km	575.00	1,150.00
925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	1	2	0 - 99 km	0.00	0.00
925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	1	2	0 - 99 km	0.00	0.00
925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	1	2	100 - 1999 km	575.00	1,150.00

997203651	YILDIZ TECHNICAL UNIVERSITY	Turkey	1	1	100 - 1999 km	575.00	575.00
997203651	YILDIZ TECHNICAL UNIVERSITY	Turkey	1	1	100 - 1999 km	575.00	575.00
998511987	UNIVERSITY OF SOUTHERN CALIFORNIA	United States	1	1	>= 2000 km	760.00	760.00
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	1	8	0 - 99 km	0.00	0.00
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	1	4	0 - 99 km	0.00	0.00
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	1	1	100 - 1999 km	575.00	575.00
999880075	UNIVERSIDAD DE CANTABRIA	Spain	1	2	>= 2000 km	760.00	1,520.00
999880075	UNIVERSIDAD DE CANTABRIA	Spain	1	1	>= 2000 km	760.00	760.00
999880075	UNIVERSIDAD DE CANTABRIA	Spain	1	1	>= 2000 km	760.00	760.00
Total							10,700.00

7.4. Intellectual Outputs

PIC of the Organisation	Name of the Organisation	Country of the Organisation	Output Identification	Category of Staff	No. Of Working Days	Grant per Day	Total (Calculated)
997203651	YILDIZ TECHNICAL UNIVERSITY	Turkey	O1	Managers	5	88.00	440.00
				Teachers/Trainers/Researchers/Youth Workers	25	74.00	1,850.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
924773848	POLYTECHNEIO KRITIS	Greece	O3	Managers	0	0.00	0.00
				Teachers/Trainers/Researchers/Youth Workers	14	137.00	1,918.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	O5	Managers	5	88.00	440.00
				Teachers/Trainers/Researchers/Youth Workers	40	74.00	2,960.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	O5	Managers	15	88.00	1,320.00
				Teachers/Trainers/Researchers/Youth Workers	50	74.00	3,700.00
				Technicians	0	0.00	0.00

				Administrative support staff	0	0.00	0.00
999880075	UNIVERSIDAD DE CANTABRIA	Spain	O5	Managers	5	164.00	820.00
				Teachers/Trainers/Researchers/Youth Workers	10	137.00	1,370.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
997203651	YILDIZ TECHNICAL UNIVERSITY	Turkey	O2	Managers	15	88.00	1,320.00
				Teachers/Trainers/Researchers/Youth Workers	25	74.00	1,850.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
997203651	YILDIZ TECHNICAL UNIVERSITY	Turkey	O4	Managers	10	88.00	880.00
				Teachers/Trainers/Researchers/Youth Workers	25	74.00	1,850.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
999880075	UNIVERSIDAD DE CANTABRIA	Spain	O4	Managers	5	164.00	820.00
				Teachers/Trainers/Researchers/Youth Workers	15	137.00	2,055.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
997203651	YILDIZ TECHNICAL UNIVERSITY	Turkey	O5	Managers	5	88.00	440.00
				Teachers/Trainers/Researchers/Youth Workers	15	74.00	1,110.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
912264243	Fatmagul Aslaner Gegeoglu Mimarlik Burosu	Turkey	O1	Managers	5	88.00	440.00
				Teachers/Trainers/Researchers/Youth Workers	15	74.00	1,110.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	O1	Managers	20	88.00	1,760.00
				Teachers/Trainers/Researchers/Youth Workers	80	74.00	5,920.00
				Technicians	0	0.00	0.00

				Administrative support staff	0	0.00	0.00
924773848	POLYTECHNEIO KRITIS	Greece	O2	Managers	0	0.00	0.00
				Teachers/Trainers/Researchers/Youth Workers	24	137.00	3,288.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
912264243	Fatmagul Aslaner Gegeoglu Mimarlik Burosu	Turkey	O4	Managers	5	88.00	440.00
				Teachers/Trainers/Researchers/Youth Workers	15	74.00	1,110.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	O4	Managers	15	88.00	1,320.00
				Teachers/Trainers/Researchers/Youth Workers	90	74.00	6,660.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
912264243	Fatmagul Aslaner Gegeoglu Mimarlik Burosu	Turkey	O5	Managers	5	88.00	440.00
				Teachers/Trainers/Researchers/Youth Workers	10	74.00	740.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
924773848	POLYTECHNEIO KRITIS	Greece	O5	Managers	0	0.00	0.00
				Teachers/Trainers/Researchers/Youth Workers	10	137.00	1,370.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	O1	Managers	10	88.00	880.00
				Teachers/Trainers/Researchers/Youth Workers	25	74.00	1,850.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	O2	Managers	10	88.00	880.00
				Teachers/Trainers/Researchers/Youth Workers	34	74.00	2,516.00
				Technicians	0	0.00	0.00

				Administrative support staff	0	0.00	0.00
925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	O4	Managers	10	88.00	880.00
				Teachers/Trainers/Researchers/Youth Workers	67	74.00	4,958.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
999880075	UNIVERSIDAD DE CANTABRIA	Spain	O1	Managers	5	164.00	820.00
				Teachers/Trainers/Researchers/Youth Workers	25	137.00	3,425.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
999880075	UNIVERSIDAD DE CANTABRIA	Spain	O2	Managers	5	164.00	820.00
				Teachers/Trainers/Researchers/Youth Workers	25	137.00	3,425.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	O3	Managers	15	88.00	1,320.00
				Teachers/Trainers/Researchers/Youth Workers	50	74.00	3,700.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
999880075	UNIVERSIDAD DE CANTABRIA	Spain	O3	Managers	5	164.00	820.00
				Teachers/Trainers/Researchers/Youth Workers	25	137.00	3,425.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
912264243	Fatmagul Aslaner Gegeoglu Mimarlik Burosu	Turkey	O2	Managers	15	88.00	1,320.00
				Teachers/Trainers/Researchers/Youth Workers	25	74.00	1,850.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	O2	Managers	15	88.00	1,320.00
				Teachers/Trainers/Researchers/Youth Workers	50	74.00	3,700.00
				Technicians	0	0.00	0.00

				Administrative support staff	0	0.00	0.00
912264243	Fatmagul Aslaner Gegeoglu Mimarlik Buros	Turkey	O3	Managers	5	88.00	440.00
				Teachers/Trainers/Researchers/Youth Workers	15	74.00	1,110.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
924773848	POLYTECHNEIO KRITIS	Greece	O4	Managers	0	0.00	0.00
				Teachers/Trainers/Researchers/Youth Workers	14	137.00	1,918.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
924773848	POLYTECHNEIO KRITIS	Greece	O1	Managers	0	0.00	0.00
				Teachers/Trainers/Researchers/Youth Workers	25	137.00	3,425.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	O3	Managers	20	88.00	1,760.00
				Teachers/Trainers/Researchers/Youth Workers	59	74.00	4,366.00
				Technicians	70	55.00	3,850.00
				Administrative support staff	0	0.00	0.00
997203651	YILDIZ TECHNICAL UNIVERSITY	Turkey	O3	Managers	5	88.00	440.00
				Teachers/Trainers/Researchers/Youth Workers	25	74.00	1,850.00
				Technicians	0	0.00	0.00
				Administrative support staff	0	0.00	0.00
Total					1232		106,809.00

7.5. Multiplier Events

PIC of the Organisation Organising the Event	Name of the Organisation	Country of the Organisation	Event Identification	Country of Venue	No. of Local Participants	Grant per Local Participant	No. of Foreign Participants	Grant per Foreign Participant	Total Amount (Calculated)
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	E1	Turkey	66	100.00	3	200.00	7,200.00
Total					66		3		7,200.00

7.6. Learning/Teaching/Training Activities
7.6.1. Travel

PIC of the Sending Organisation	Name of the Organisation	Country of the Organisation	Activity No.	Activity Type	Distance Band	Travel Grant per Participant	No. of Participants	Top-up for "Expensive Domestic Travel Cost"	No. of Top-ups (including those granted to accompanying persons) for "Expensive Domestic Travel Cost"	Total (Calculated)
912264243	Fatmagul Aslaner Gegeoglu Mimarlik Burosu	Turkey	C1	Short-term joint staff training events	2000 - 2999 km	360.00	1	180	0	360.00
912264243	Fatmagul Aslaner Gegeoglu Mimarlik Burosu	Turkey	C3	Short-term joint staff training events	100 - 499 km	180.00	1	180	0	180.00
924773848	POLYTECHNEIO KRITIS	Greece	C1	Short-term joint staff training events	2000 - 2999 km	360.00	1	180	0	360.00
925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	C1	Short-term joint staff training events	3000 - 3999 km	530.00	3	180	0	1,590.00
925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	C2	Short-term joint staff training events	100 - 499 km	180.00	5	180	0	900.00
925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	C3	Short-term joint staff training events	100 - 499 km	180.00	4	180	0	720.00
997203651	YILDIZ TECHNICAL UNIVERSITY	Turkey	C1	Short-term joint staff training events	2000 - 2999 km	360.00	2	180	0	720.00
997203651	YILDIZ TECHNICAL UNIVERSITY	Turkey	C3	Short-term joint staff training events	100 - 499 km	180.00	1	180	0	180.00
998511987	UNIVERSITY OF SOUTHERN CALIFORNIA	United States	C1	Short-term joint staff training events	8000 km or more	1,300.00	1	180	0	1,300.00
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	C1	Short-term joint staff training events	3000 - 3999 km	530.00	2	180	0	1,060.00
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	C2	Short-term joint staff training events	100 - 499 km	180.00	2	180	0	360.00
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	C3	Short-term joint staff training events	100 - 499 km	180.00	6	180	0	1,080.00

999880075	UNIVERSIDAD DE CANTABRIA	Spain	C3	Short-term joint staff training events	2000 - 2999 km	360.00	1	180	0	360.00
						Total	30	Total	0	9,170.00

7.6.2. Individual Support
7.6.2.1. Short-term Learning/Teaching/Training Activities

PIC of the Sending Organisation	Name of the Organisation	Country of the Organisation	Activity No.	Activity Type	Participants (Without Accompanying Persons)			Accompanying Persons			Total (Calculated)
					Funded Duration (days)	No. of Participants (without accompanying persons)	Grant per participant	Funded Duration (days)	No. Of Accompanying Persons	Grant per Accompanying Person	
912264243	Fatmagul Aslaner Gegeoglu Mimarlik Burosu	Turkey	C1	Short-term joint staff training events	5	1	500.00	0	0	0.00	500.00
912264243	Fatmagul Aslaner Gegeoglu Mimarlik Burosu	Turkey	C3	Short-term joint staff training events	5	1	500.00	0	0	0.00	500.00
924773848	POLYTECHNEIO KRITIS	Greece	C1	Short-term joint staff training events	5	1	500.00	0	0	0.00	500.00
925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	C1	Short-term joint staff training events	5	3	500.00	0	0	0.00	1,500.00
925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	C2	Short-term joint staff training events	5	5	500.00	0	0	0.00	2,500.00
925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	C3	Short-term joint staff training events	5	4	500.00	0	0	0.00	2,000.00
997203651	YILDIZ TECHNICAL UNIVERSITY	Turkey	C1	Short-term joint staff training events	5	2	500.00	0	0	0.00	1,000.00
997203651	YILDIZ TECHNICAL UNIVERSITY	Turkey	C3	Short-term joint staff training events	5	1	500.00	0	0	0.00	500.00

998511987	UNIVERSITY OF SOUTHERN CALIFORNIA	United States	C1	Short-term joint staff training events	5	1	500.00	0	0	0.00	500.00
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	C1	Short-term joint staff training events	5	2	500.00	0	0	0.00	1,000.00
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	C2	Short-term joint staff training events	5	2	500.00	0	0	0.00	1,000.00
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	C3	Short-term joint staff training events	5	6	500.00	0	0	0.00	3,000.00
999880075	UNIVERSIDAD DE CANTABRIA	Spain	C3	Short-term joint staff training events	5	1	500.00	0	0	0.00	500.00
Total					65	30	Total	0	0	Total	15,000.00

7.6.2.2. Long-term Learning/Teaching/Training Activities

This section doesn't apply for this project

7.6.3. Linguistic Support

This section doesn't apply for this project

7.6.4. Exceptional Costs (Overseas Countries and Territories Travel Costs)

This section doesn't apply for this project

7.7. Special Needs Support

This section doesn't apply for this project

7.8. Exceptional Costs

PIC of the Organisation	Name of the Organisation	Country of the Organisation	Description of cost item	Total Cost	Grant Requested (75% of the Total Incurred Cost)
999643492	MIDDLE EAST TECHNICAL UNIVERSITY	Turkey	Translation of project outputs, project web site, publishing booklets and visuals for training	2,650.00	1,987.50
925503579	Tera Ankara Musavirlik Mimarlik Muhendislik Taahhut Ticaret Ltd Sti	Turkey	publication of the project outputs	708.00	531.00
Total				3,358.00	2,518.50

7.9. Exceptional costs - Guarantee

This section doesn't apply for this project



8. Annexes

additional documents that are mandatory for the completion of the report;

Please note that all documents mentioned below need to be attached here before you submit your form online. Before submitting your report to the National Agency, please check that:

- All necessary information on your project have been encoded in Mobility Tool+
- The report form has been completed using one of the mandatory languages specified in the Grant Agreement.
- All the relevant documents are annexed:
 - declaration of Honour, signed by the legal representative of the beneficiary organisation.
 - the necessary supporting documents as requested in the grant agreement.
- you saved or printed a copy of the completed form for your records.
- you have uploaded the relevant results on the Erasmus+ Project Results Platform:

List of uploaded files

- 13-USER-Manual_smc_en_v25_01.pdf
2.90 Mb
6 days ago
- IREM-GUMUSCU-TEZ-YTU-Giris-Sayfalari-1-8.pdf
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