



SEAGRASS TRANSPLANTATION FOR TRANSITIONAL ECOSYSTEM RECOVERY

LIFE19NAT/IT/000264 LIFE-TRANSFER

Seagrass transplantation for transitional Ecosystem Recovery



ACTION E.1: Dissemination and awareness raising activities

Sub-action E1.1 – Dissemination and Networking
with other projects (including LIFE)

E1.1 - First report Networking

Ferrara, May/2023



SEAGRASS TRANSPLANTATION FOR TRANSITIONAL ECOSYSTEM RECOVERY

LIFE19NAT/IT/000264 LIFE-TRANSFER

Seagrass transplantation for transitional Ecosystem Recovery



Blank page for double-side printing



LIFE19NAT/IT/000264 LIFE-TRANSFER
Seagrass transplantation for transitional Ecosystem Recovery

Table of contents

EXECUTIVE SUMMARY 5

INTRODUCTION 6

 LIFE PROJECTS..... 7

 Natura 2000 day 7

 Webmeeting 9

 Delegation of LIFE POMORIE Lagoon in person visit 10

 Platform meeting..... 11

 Workshop LIFEEL 12

 OTHER TYPE OF PROJECTS..... 14

NATURA 2000 DATABASE CONTACTS SEARCH 15

CETENMA FIRST NETWORKING REPORT



LIFE19NAT/IT/000264 LIFE-TRANSFER
Seagrass transplantation for transitional Ecosystem Recovery

Blank page for double-side printing



EXECUTIVE SUMMARY

The outcomes of networking during the period 01/12/2020 – 31/03/2023 are: **a)** Spreading of LIFE TRANSFER methodology to 5 LIFE projects, four of the projects deal with lagoons conservation and one deals with wetlands and avifauna conservation; **b)** One executive project of LIFE TRANSFER shared with Project manager of LIFE19 NAT/BG/000804 - LIFE FOR POMORIE LAGOON; **c)** LIFE TRANSFER transplant methodology has been used in LIFE19 NAT/BG/000804 - LIFE FOR POMORIE LAGOON; **d)** Spreading of LIFE TRANSFER methodology to other types of projects and platforms dedicated to ecosystem restoration restor.eco <https://restor.eco/map/site/seagrass-transplantation-for-transitional-ecosystem-recovery>. and HORIZON 2020 OPERANDUM platform dedicated to Nature Based Solutions <https://geoikp.operandum-project.eu/nbs/explorer/details/4756>

e) A valuable source of information, even if not complete, was found into the database of European Environment Agency (EEA), the database was analyzed to look for potential participants to the action E2 considering the site managers with the habitat 1150 Coastal lagoon. In this case due to a release of a new version of the database the analysis will be repeated.

CETENMA provided a specific report of its Networking activities with project LIFE CERCETA PARDILLA attended also by UMU personnel and a networking with Third Vice-President of the Government of Spain and Minister for Ecological Transition and Demographic Challenge; in both occasion the actions of LIFE TRANSFER were presented.



INTRODUCTION

The Action “E1 Dissemination and awareness raising” following the recommendation of “Guidelines for applicants 2019” is composed of 6 sub-actions. The present report regards the sub-action “E1.1 foreseen Dissemination and Networking with other projects (including LIFE)” the aim of the sub-action is to create a network of contacts to share information, therefore the main networking target are projects dealing with similar conservation experiences, focused on phanerogams, transplanting, coastal lagoons. In the Life Project database the following related projects were already identified: LIFE16 NAT/IT/000663 - LIFE LAGOON REFRESH; LIFE17 NAT/BG/000558 - the Lagoon of LIFE; LIFE16 NAT/IT/000816 ROC-POP-LIFE. All the listed projects were contacted and followed some type of networking; a specific networking was established also with LIFEEL LIFE19 NAT/IT/000851.

The network of contact was created mainly with on line meetings, as a matter of fact the period covered by this report is December 2020 start of the project up to March 2023 which include two years of restrictions due to the COVID-19 pandemic. Anyway, also a meeting in presence on 25/05/2022 was organized by the Parco Delta Po Emilia-Romagna in Italy with representatives of LIFE17 NAT/BG/000558 - the Lagoon of LIFE.

The LIFE TRANSFER is a restoration project therefore besides LIFE Programme it was decided to focus also on restoration practices seizing the opportunity of the Decade of Ecosystem Restoration (2021-2030) adopted by the United Nation General Assembly on 1 March 2019.



LIFE PROJECTS

The first contact with other LIFE projects started during the participation to the LIFE19 Welcome Meeting – Nature & GIE working Group 7 on 17/11/2020, before the actual start date of LIFE TRANSFER which was on 01/12/2020. In that occasion an exchange of information and contacts started with Dimitar Popov of Green Balkans beneficiary of LIFE FOR POMORIE LAGOON LIFE 19 NAT/BG/000804. After this preliminary contact, the Project Manager of LIFE TRANSFER put in contact Dimitar Popov of Green Balkans and Rossella Boscolo Brusà of ISPRA Ambiente Project leader of LIFE LAGOON REFRESH LIFE16 NAT/IT/000663.

This information exchange on the cited projects lead to the organization of a webinar for the Natura 2000 Day accepting the invitation of CINEA Ares(2021)2480212 – 12/04/2021 “NOTE FOR THE ATTENTION OF THE MEMBERS OF THE NADEG AND THE LIFE BENEFICIARIES - Invitation to organise events for the Natura 2000 Day-”.

Natura 2000 day

The celebration of the Natura 2000 day was held on 21/05/2021 with a webinar organized by LIFE TRANSFER involving:

LIFE19 NAT/BG/ 000804 - LIFE FOR POMORIE LAGOON

LIFE17 NAT/BG/000558 - The Lagoon of LIFE

LIFE16 NAT/IT/000663 - LIFE LAGOON REFRESH

LIFE16 NAT/IT/000816 - ROC-POP-LIFE

LIFE19 NAT/IT/000264 - TRANSFER

The webinar was organized as a showcase of ongoing projects dealing with lagoons in the Natura 2000 network, 15 participants were recorded at the webinar, as in the screenshot below.

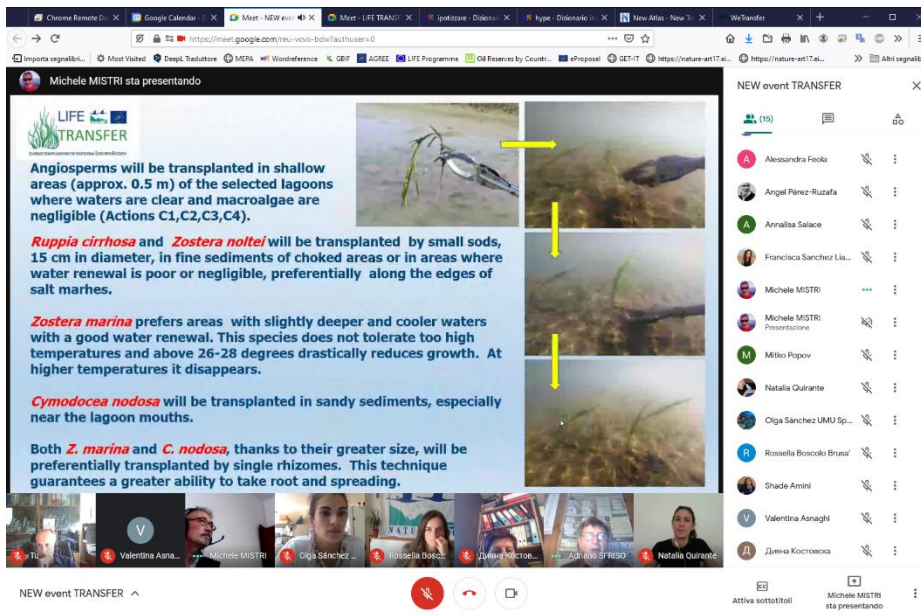


Figure 1: screenshot of the webinar, agenda and “save the date” of Natura 2000 day held on 21/05/2021

On 23 and 24 May 2021, on the occasion of the Natura 2000 Day, an information desk on LIFE TRANSFER was set up at the University of Ferrara, with distribution of information brochures, display of a specially designed roll-up and an aquarium with live phanerogam *Zostera marina* inside. This was announced on 24 June through an article on the UNIFE website:

<https://www.unife.it/it/notizie/2022/scienza-cultura-e-ricerca/giornata-europea-di-rete-natura-2000>



Webmeeting

The webinar for the celebration of Natura 2000 Day stimulated the interest of the Project Manager of LIFE FOR POMORIE LAGOON which asked for a web meeting in order to organize a visit in presence to Parco del delta del Po dell'Emilia-Romagna, manager of Natura 2000 sites. The web meeting was held on 21/12/2021 with the following participants:

Dimitar Popov – Project manager, Green Balkans NGO, LIFE FOR POMORIE LAGOON

Graziano Caramori – Project manager, Istituto Delta Ecologica Applicata, LIFE TRANSFER

Diyana Kostovska – Coordinator, Bulgarian Biodiversity Foundation, LIFE FOR POMORIE LAGOON

Spas Uzunov – Habitats expert, Bulgarian Biodiversity Foundation, LIFE FOR POMORIE LAGOON

The meeting was held online via zoom application. Mr. Caramori presented the main focus of LIFE TRANSFER: recolonization of aquatic phanerogams in selected Mediterranean lagoons through the transplanting of small sods and rhizomes of *Zostera marina*, *Zostera noltei*, *Ruppia cirrhosa* and *Cymodocea nodosa*. Mr. Uzunov and Ms. Kostovska shared their experience in LIFE17 NAT/BG/000558 The Lagoon of Life project, involving efforts for the restoration of *Ruppia maritima* in Atanasovsko Lake by transfer from source population at Pomorie Lake.

The second part of the discussion focused on planning a networking study visit of LIFE FOR POMORIE LAGOON team in Italy where to gain firsthand experience on the methodology applied for phanerogam translocation, calculation of ecosystem services in terms of CO₂ sequestration by phanerogam and last but not least visiting Cervia Salinas – operating saltworks in Po Delta where salt-production is maintained and complemented by diversified products and uses of harvested sea salt. It was discussed that the appropriate period for a study visit would be in May 2022 and that it would have lasted at least 2 full days. The provisional agenda of the visit included: Day 1: Visit to Goro Lagoon in Po Delta – demonstration site for phanerogams restoration. Presenting methodologies for restoration and calculation of ecosystem service of CO₂ sequestration; Day 2: Visit to Cervia Saltworks in Po Delta – demonstration of diversification of produced sea salt and ensuring added value supporting operation of saltworks.

As a result of the web meeting LIFE TRANSFER Action A4 Executive project for phanerogams transplant in Goro lagoon in Italy was sent to Project manager of LIFE FOR POMORIE LAGOON and a plan was set for an in-person visit in May 2022.



Delegation of LIFE POMORIE Lagoon in person visit

After the web meeting among LIFE TRANSFER and LIFE FOR POMORIE LAGOON followed a discussion to organize the in-person visit of four representatives of LIFE FOR POMORIE LAGOON to Parco Delta del Po dell'Emilia-Romagna on 24 to 27 of May 2022 with the following agenda:

Tuesday, 24 May 2022 Arrival at Bologna Airport and transfer to Po Delta

Wednesday, 25 May 2022 10:00 – 11:00: Meeting at Po Delta Park office 13:00 – 16:00: On site visit of LIFE TRANSFER restoration location (Comacchio lagoon Valle Fattibello)

Thursday, 26 May 2022 11:00 – 16:00: Visit of Cervia Saltworks

Friday, 27 May 2022 Departure from Bologna Airport

At the meeting on 25/05/2022 participated for LIFE FOR POMORIE LAGOON Dimitar Popov – Project manager, Green Balkans NGO; Galina Meshkova Green Balkans NGO; Diyana Kostovska Bulgarian Biodiversity Foundation; Spas Uzunov Bulgarian Biodiversity Foundation. For LIFE TRANSFER Graziano Caramori Project manager IDECO; Francesco Goggi Parco Delta del Po dell'Emilia-Romagna. Dimitar Popov presented the state of Pomorie lagoon and the various and complex activities carried out including the transplant of Phanerogams in Atanasovsko Lake, for which Pomorie is the Donor site.

The species transplanted is *Ruppia maritima*; the discussion focused on the different methodologies encountered on transplant in Atanasovsko Lake and in LIFE TRANSFER, the basic differences from the methodology applied can be resumed as follows:

- 1) Atanasovsko Lake transplants *Ruppia maritima* rhizomes, LIFE TRANSFER transplant *Ruppia maritima* sods. The difference is in the manipulation of the plant, transplanting sods do not manipulate the rhizomes in particular the roots are not touched. The transplant of rhizomes in LIFE TRANSFER is foreseen only for the species *Cymodocea nodosa* and *Zostera noltei*.
- 2) The second difference resides in the period of transplant: in Atanasovsko Lake transplant occurred during the vegetative period, LIFE TRANSFER transplant occurred in winter or late spring before the plants start the growth.

The HCMR colleague developed a tool to improve transplant and that might be used also in Atanasovsko Lake. The presentation of the tool from HCMR has been sent via email, with a video of HCMR showing the new tool: <https://www.youtube.com/watch?v=QRRAcOUawSU>

Graziano Caramori invited the Pomorie lagoon and Atanasovsko Lake to apply for the participation to the LIFE TRANSFER Action E2.2 Specific dissemination event for site managers and technicians of Natura 2000 sites not involved into the project of member state of the project, which will be implemented in 2023 and 2024, but it might represent an important occasion to compare different methodologies.



Figure 2: meeting of 25th of May 2022 at Comacchio in the office of Parco Delta del Po dell'Emilia-Romagna, Italy.

Platform meeting

Bulgarian Biodiversity Foundation organized a Platform meeting on October 12-13 with focus on innovative approaches in the coastal wetlands management, in the form of a hybrid event. LIFE TRANSFER participated with two interventions both online on 12/10/2022:

- 1) LIFE transfer and the potential of application in wetlands, G. Caramori – IDECO;
- 2) Seagrass transplantation for transitional Ecosystem Recovery: Habitat restoration in the Amvrakikos Gulf, L. Bray – HCMR.



INNOVATIVE APPROACHES IN THE COASTAL WETLANDS MANAGEMENT

Programme of the LIFE Platform Meeting (hybrid event)
International Congress Center Burgas, Foros Hall

Day 1
Date: 12th of October 2022 Online Start time: 9:50 EEST (UTC +3) Official language: English

On-site Moderator: Boriana Mihova
Online Moderator: Alexander Nikolov
Link to join the meeting: <https://us02web.zoom.us/j/82152771720?pwd=VzUyWWxkdFdGckozbnUyZlJhCOE1Z09>

Meeting ID: 821 5277 1720 Passcode: 850597

Time	Theme	Speaker / Organization / Country
9:30 – 10:00	Registration and Coffee (On-site)	
10:00 – 10:20	Opening session	
10:00 – 10:05	Welcoming and introductory words	Diyana Kostovska Bulgarian Biodiversity Foundation
10:05 – 10:10	Meeting Ground Rules	Boriana Mihova, Moderator
10:10 – 10:20	Opening presentation	Edouard Gatineau CINEA Online
Panel session 1: Coastal wetland governance and cross-sectoral cooperation		
10:25 – 10:40	The Maristanis Coastal Wetland Contract: an innovative approach for the management of a complex environment	Vania Statzu MEDSEA Maristanis project (IT) Online
10:40 – 10:55	Pomorie Lake coastal lagoon and cross-sectoral cooperations: benefits and problems	Dimitar Popov Green Balkans Society Life for Pomorie Lagoon Project (BUL) On-site
10:55 – 11:10	Public involvement in the coastal habitats management	Radostina Tzenova Bulgarian Biodiversity Foundation Lagoon of Life Project (BUL) On-site

11:10 – 11:20	Questions and answers	Boriana Mihova, moderator
11:20 – 11:40	Coffee / Tea Break	
Panel session 2 : Innovative restoration, conservation and monitoring approaches		
11:45 – 12:00	Ulcinj salina - challenging wetland in Montenegro	Bojan Zeković Centre for Protection and Research of birds (Montenegro) Online
12:00 – 12:15	Coastal habitats management in the active saltpans Atanasovsko lake	Diyana Kostovska Bulgarian Biodiversity Foundation Lagoon of Life project (BUL) On-site
12:15 – 12:30	Bringing nature back home: restoration experiences in l'Albufera de Valencia	Pablo Vera Aquatic Environments Conservation Service (ES) Online
12:30 – 14:00	Lunch Break	
14:00 – 14:15	Long-term ecological monitoring in coastal ecosystems under anthropogenic pressures: A case study from Sozopol Bay, SW Black Sea	Dimitar Berov Laboratory of Marine Ecology, IBER (BUL) On-site
14:15 – 14:30	Wetlands, a key ecosystem to tackle climate change	Antonio Guillem Fundación Global Nature LIFE Wetlands4Climate Project (ES) Online
14:30 – 14:45	LIFE Lagoon Refresh: a multidisciplinary approach to restore the coastal lagoon habitats in Venice Lagoon	Rossella Boscolo Brusà Istituto Superiore per la Protezione e la Ricerca Ambientale (IT) LIFE LAGOON REFRESH Project Online
14:45 – 15:00	Coffee / Tea Break	
15:00 – 15:15	Experimental sea grass restoration within the coastal area - an opportunity for nature based solution (NBS) for coastal protection	Nikolay Valchev & Elitsa Hineva Institute of Oceanology (BUL) On-site
15:15 – 15:30	LIFE transfer and the potential of application in wetlands	Graziano Caramori Istituto Delta, (IT) LIFE Transfer Project Online
15:30 – 15:45	Seagrass transplantation for transitional Ecosystem Recovery: Habitat restoration in the Amvrakikos Gulf	Laura Bray LIFE Transfer Project (GR) Online
15:45 – 16:00	Questions and answers	Boriana Mihova, moderator
16:00 – 16:45	Poster session & coffee	
19:00	Social Dinner	

Figure 3: Agenda of day 12/10/2022 of the meeting innovative approaches in the coastal wetlands management.

Workshop LIFEEL

The Parco Regionale Veneto Delta del Po in the framework of LIFE19 NAT/IT/000851 LIFEEL, organized a workshop dedicated to local fishermen and foresaw a presentation dedicated to LIFE TRANSFER due to the specific benefits of seagrass meadows for habitat 1150 * Coastal lagoon as well as to fish fauna. The workshop was held on 12/12/2022 at Porto Tolle (RO), Italy, a specific PowerPoint presentation was prepared considering the target of the workshop and focusing on what the seagrass meadows are, the methodology of LIFE TRANSFER restoration, benefits of Biodiversity conservation, EU Biodiversity Strategy 2030 and coastal wetlands, as well as benefits of seagrass meadows in Veneto Region.



The workshop was attended by 22 people, including the Responsible of Veneto Region Association of fishermen (Alessandro Faccioli). The LIFE TRANSFER brochures produced on action E1.2 (Italian version) were also distributed.

con il contributo di:
 Fondazione CARIPLO

LIFEEL
 LIFE19 NAT/IT/000851
 Urgent conservation measures for critically endangered population of European Eel (Anguilla Anguilla) in Po river basin

Workshop Pescatori

Il futuro dell'anguilla per la pesca e la conservazione

PORTO TOLLE (RO), 12/12/2022
 Sala della Musica, Località Cà Tiepalo, 45018 Porto Tolle

PROGRAMMA

ore 16.00 REGISTRAZIONE PARTECIPANTI
 Moderatore: **Moreno Gasparini**, Presidente del Parco Regionale Veneto del Delta del Po

ore 16.15 SALUTI DAL SINDACO DI PORTO TOLLE
 Roberto Pizzoli, Membro del Consiglio Sindacale dell'Ente Parco

ore 16.30 Presentazione del progetto LIFEEL nell'Area protetta Delta del Po Veneto
 Dott. Paolo Tulin, biologo Bioprogrammi

ore 16.40 L'anguilla europea Anguilla anguilla, tradizione e salvaguardia di una specie a rischio di estinzione: l'attività di ricerca e le azioni per la salvaguardia nell'ambito del progetto LIFEEL
 Dott. Maria Lanzoni, biologo, ricercatore in ecologia, Università di Ferrara

ore 17.00 Riproduzione artificiale dell'anguilla e prove di alimentazione larvale
 Prof. Oliver Mordenti, professore associato, Università di Bologna

ore 17.20 Praterie sommerse nelle lagune - Life Transfer
 Dott. Graziano Caronni, biologo, Istituto Delta Ecologia Applicata

ore 17.40 Le politiche della pesca nella salvaguardia delle risorse naturali
 Dott. Alessandro Faccioli, responsabile Coldiretti Impresa Pesca Veneto

Discussione
 Considererà l'incontro una Degustazione di Prodotti locali

EVENTO REALIZZATO NELL'AMBITO DEL PROGETTO:
 Urgent conservation measures for critically endangered population of European Eel Anguilla Anguilla in Po river basin

Acronimo: LIFEEL
Programma specifico di finanziamento: UE: LIFE Biodiversità
Codice LIFE: LIFE19 NAT/IT/000851
Durata del progetto: 50 mesi dal 01/10/2020 al 30/09/2024
Capofila: Regione Lombardia - DG Agricoltura

Partner:
 Regione Emilia-Romagna - D. Agricoltura, caccia, pesca
 Parco Lomardo della Valle del Ticino
 Parco Regionale Veneto del Delta del Po
 Ente Parco Delta del Po Emilia-Romagna
 Università di Bologna
 Università di Ferrara
 E.R.A.I.A. srl
 Hellmich Agricultural Organization - "DEMETER" (GRECIA)

Co-finanziatori:
 Programma LIFE dell'Unione Europea
 Comune Tolle (Governatore)
 ENEL GREEN POWER
 Fondazione Cariplo
 Associazione Italiano Pesca Sportiva e Recreativa

www.lifeel.eu info: www.parcodeltapo.org Segui su:



Figure 4: Agenda and pictures of the workshop of 12/12/2022

At the end of the presentation on LIFE TRANSFER, a question was raised by a fishermen on future possible interferences among clam aquaculture and the expansion of seagrass meadows inside the



lagoons. The consequent discussion focused on the possibility that local fishermen might take care of seagrass meadows in a process in which seagrass meadows are not fixed in only one area but might rotate in different years using the transplant method. The benefits of seagrass meadows for aquaculture and local fishermen might cover the costs.

OTHER TYPE OF PROJECTS

LIFE TRANSFER targets seagrass meadows in coastal lagoons therefore it is also a restoration project using a Nature Based Solution (NBS), according to the current definition of “Solutions that are inspired and supported by nature, which are cost-effective, simultaneously provide environmental, social and economic benefits and help build resilience. Such solutions bring more, and more diverse, nature and natural features and processes into cities, landscapes and seascapes, through locally adapted, resource-efficient and systemic interventions.”

https://research-and-innovation.ec.europa.eu/research-area/environment/nature-based-solutions_en

On this basis projects, platforms, and any kind of initiatives were investigated, through which to spread the project and/or share results.

The first activity was the submission of LIFE TRANSFER to a survey on www.decadeonrestoration.org After that on 05/05/2021 the Project manager was invited to submit an application on behalf of the ecosystem restoration initiative in order to be considered as one of the Founding 50 community members of the Digital Hub.

LIFE TRANSFER was not selected but lately contacted from the platform <https://restor.eco/> the Restor Foundation, a Swiss charitable organization whose purpose is to restore, preserve and maintain global ecosystems and their biodiversity. After a web call to better know the platform and to obtain additional details, on 29/03/2022 LIFE TRANSFER was added to the restor.eco platform. The project is visible at the following link: <https://restor.eco/map/site/seagrass-transplantation-for-transitional-ecosystem-recovery>. The platform does not provide data on the visibility of the projects uploaded.

Below a list of initiatives in which the Associated Beneficiary IDECO shared information on LIFE

TRANSFER and/or participated to:

02/02/2022 WWD participation to World Wetland Day, report uploaded on website https://www.lifetransfer.eu/wp-content/uploads/2022/05/WWD-2022_Report.pdf

29/03/2022 LIFE TRANSFER added to HORIZON 2020 OPERANDUM platform dedicated to Nature Based Solutions <https://geoikp.operandum-project.eu/nbs/explorer/details/4756>

NATURA 2000 DATABASE CONTACTS SEARCH

LIFE TRANSFER, besides the traditional networking, foresees an important action of public awareness and dissemination of results within Action E2 Know-how and information transfer and exchange.

In order to look for potential participants to the action, the database from the European Environment Agency (EEA) <https://www.eea.europa.eu/data-and-maps/data/natura-13/#MANAGEMENT> (April 2022) has been analyzed. The data into the database were related in order to get the Natura 2000 sites and the Organization in charge of the management and have a list of potential managers to be involved into Action E2.

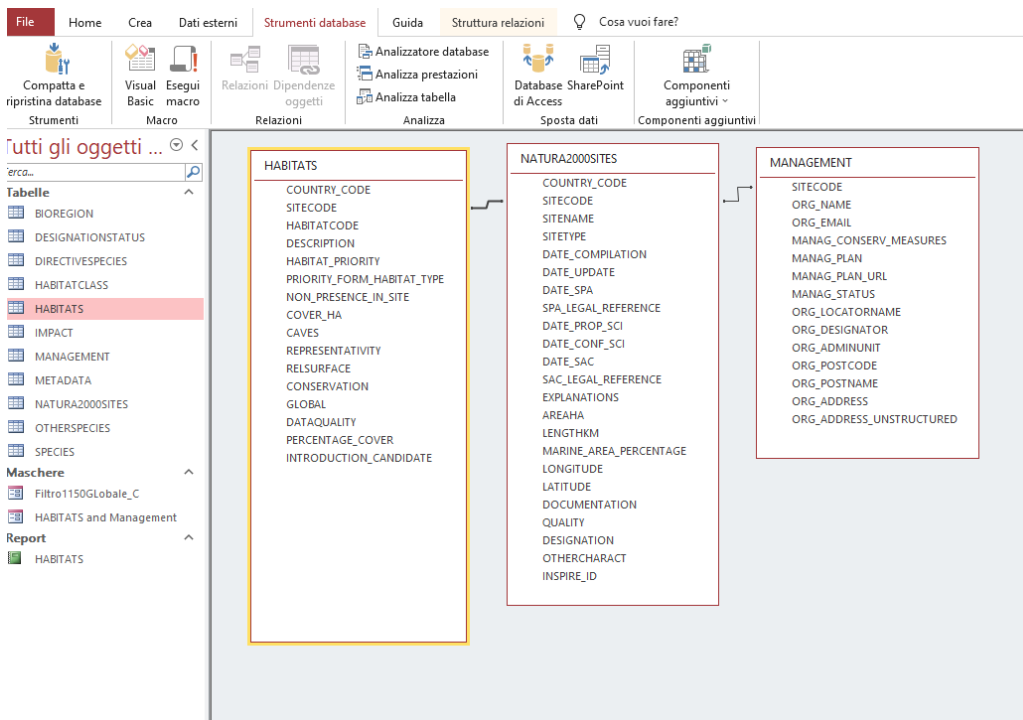


Figure 5: relation among data of the database.

From the analysis, 777 Natura 2000 sites with habitat 1150* Coastal lagoon were listed into the Standard data form, distributed into the different countries as per table below:

COUNTRY_CODE	N. of N2000 sites	Ha of Habitat 1150 * coastal lagoon
IT	154	131.003
SE	111	2.489
ES	94	61.333
FI	88	19.411
FR	74	76.832
DK	51	35.883
GR	41	38.554
DE	40	36.507
EE	30	4.529
IE	27	1.865
HR	22	-
PT	15	51
PL	8	91.548
BG	6	3.288
LV	6	22
MT	4	10
LT	2	71.684
SI	2	108
CY	1	1.731
RO	1	15.000
	777	591.848

Besides this first quantitative analysis, the database resulted not complete in term of contacts of the Organization in charge of the management and, last but not least, on November 2022 a new release of the database was implemented - Figure 6, therefore the analysis must be repeated with the updated version.

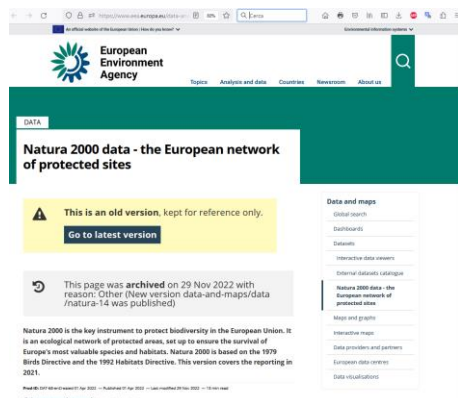


Figure 6: screenshot of EEA webpage and new release of the database.



FIRST NETWORKING REPORT

01/03/2023



Contenido

NETWORKING MEETING MINUTES LIFE TRANSFER - LIFE CERCETA PARDILLA	3
Call to order	3
Attendees.....	3
Reports.....	3
Announcements	4
Annex	4
NETWORKING MEETING MINUTES LIFE TRANSFER – Ms.Teresa Ribera Third Vice-President of the Government of Spain and Minister for Ecological Transition and Demographic Challenge	6
Call to order	6
Attendees.....	6
Reports and Announcements	6
Annex	9
Other contacts	10



NETWORKING MEETING MINUTES LIFE TRANSFER - LIFE CERCETA PARDILLA

Call to order

The networking meeting was held between the projects LIFE TRANSFER and LIFE CERCETA PARDILLA on 26/05/2022 at 11.00.

Attendees

- Alejandra Argüelles Prieto - CETENMA
- Paqui Sánchez Liarte - CETENMA
- Yolanda Cortés López – Fundación Biodiversidad
- Carmen Vicén – Fundación Biodiversidad
- Olga Sánchez Fernández - UMU
- Antonio Sala Mirete - UMU
- Ángel Sallent - ANSE
- Jaime L. Fraile – CH Segura

Reports

Firstly, CETENMA introduced itself and then described, in general terms, the project LIFE TRANSFER, highlighting the main actions that are being carried out in this day and age. Afterwards, some questions were answered regarding the dissemination activities developing in LIFE TRANSFER.

Then, UMU explained the activities that they have been implementing: transplantation and monitoring of submerged aquatic angiosperms, as well as training activities for extraction and transplanting of submerged aquatic angiosperms. Some technical questions regarding how climate change could affect the transplanted plants viability made by CH Segura were clarified.

On the other hand, 'Fundación Biodiversidad' introduced the LIFE CERCETA PARDILLA project and ANSE gave a deeper point of view in some key aspect concerning marbled teal habitat.

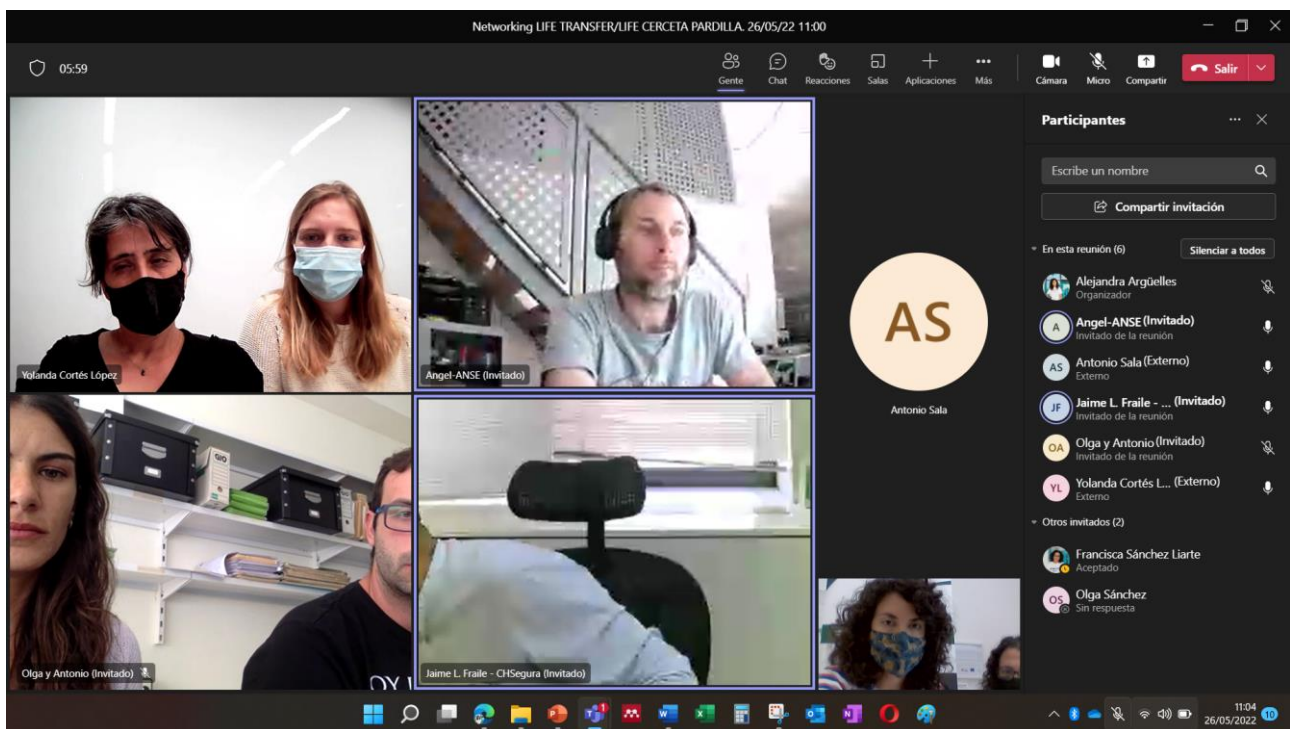


Finally, several possibilities of networking were studied and we came up with the agreement of cooperate in workshops, Natura 2000 Days and dissemination activities regarding habitats restoration.

Announcements

- Send LIFE TRANSFER LinkedIn, Twitter and web page to keep in touch.
- Set a clear way of communication between projects to exchange information and collaborate in dissemination activities.

Annex





Networking LIFE TRANSFER/LIFE CERCETA PARDILLA, 26/05/22 11:00

04:13

Conte Chat Reacciones Salir Aplicaciones Más

Cámara Micro Compartir Salir

Participantes

Escribe un nombre

Compartir invitación

En esta reunión (5) Silenciar a todos

- Alejandra Argüelles Organizador
- Angel-ANSE (Invitado) invitado de la reunión
- AS Antonio Sala (Externo) Externo
- JF Jaime L. Fraile - ... (Invitado) invitado de la reunión
- YL Yolanda Cortés L... (Externo) Externo

Otros invitados (2)

- Francisca Sánchez Liarte Aceptado
- OS Olga Sánchez Sin respuesta

AS Antonio Sala

Yolanda Cortés López

Angel-ANSE (Invitado)

Jaime L. Fraile - CHSegura (Invitado)

11:02 26/05/2022



NETWORKING MEETING MINUTES LIFE TRANSFER – Ms.Teresa Ribera Third Vice-President of the Government of Spain and Minister for Ecological Transition and Demographic Challenge

Call to order

The networking meeting was held in Los Alcázares (Cartagena, Región de Murcia) on 22/07/2022 at 10.00 – 11.30

Attendees

- Alejandra Argüelles Prieto - CETENMA
- Paca Baraza– Mancomunidad de Canales del Taibilla
- Mario Urrea– President of CHS (Segura Hydrographic Confederation)
- Pedro García– ANSE (Naturalists Association of Southeast)
- Ms. Teresa Ribera– Third Vice President of the Government of Spain and Minister for Ecological Transition and Demographic Challenge
- Other organisms of interest in the Mar Menor

Reports and Announcements

Presentation and update of the implementation status of the Framework of Priority Actions to Recover the Mar Menor, which currently has €380 million of which €61 million have been activated.

They are structured into 10 lines of action:

01.- Management and surveillance of the hydraulic public domain

In collaboration with the CHS, the disconnection and cessation of supply has already taken place in 5,500 ha (3,700 of them voluntarily), with the closure of 140 wells being processed. As well as 75 records of agricultural activity and urban residual discharges.

02.- Restoration and environmental improvement in the area of the Mar Menor basin



Creation of the green belt to improve the water quality of the boulevards. The creation of this natural green filter so that contaminants remain in the soil, which is located at the mouth of La Rambla del Albuñón and covers 39 ha, contemplates the introduction of 3,500 plants.

03.- Protection of the shoreline of the Mar Menor and the Mediterranean shoreline

The intervention in the Albuñón boulevard will also improve the quality of the water flowing into the Mar Menor in the contributions of the extraordinary avenues, reducing the risk of flooding and contributing to the improvement of the ecological and landscape quality.

In the restoration of this boulevard, the upper section has already been completed.

The improvement and conservation of the Los Urrutias promenade and conditioning of the La Llana beach will also be carried out, among others with a budget of €3 million.

04.- Flood risk management and actions to reduce the polluting load

Lamination zones are being created to channel water in cases of flooding, as well as the restoration of boulevards, such as in the urban center of Los Alcázares. Lamination is much better than other solutions such as burying, since it facilitates the recovery of the space.

Specifically, the actions to protect against flooding in the area around Los Alcázares, a flood-prone park and recovery of the boulevard for fishmongers, have been designed in two phases:

- Phase 1. Runoff channeling through Fernando Muñoz Zambudio avenue to the mouth
- Phase 2. River park for catchment and infiltration of runoff

The total planned investment (including expropriations) is €16 M

On the other hand, the mining boulevards will be intervened to prevent heavy metal contamination. €29,569,646.87 has been budgeted to cover an area of action of 180 ha in the Sierra Minera, La Unión and Cartagena, with the date of this action being July 2022. To do this, they are collaborating with local universities and the Mining Geological Institute. The objective is to encapsulate and intervene in the contaminated area.

05.- Biodiversity conservation

Within the hydrological-forestry restoration project to reduce the risk of flooding and environmental improvement in the public hydraulic domain of Las Ramblas in the Sierra Minera de Cartagena, plant restoration and diversification (AbE) is included:



- Elimination of invasive vegetation in more than 40 ha.
- Management of the tree layer in more than 12 ha.
- Plant restoration and diversification in more than 37 ha.
- Promotion of fauna diversity.

Ensuring the recovery of species. For this, the State Center for the Recovery and Conservation of Species in Águilas will be created with a budget of €13,197,217.23. In addition, the action in the Rambla del Albuñón will create new spaces for biodiversity.

06.- Support for the transition of productive sectors

Cross-cutting export aid to the Tourism and Fisheries sectors and actions on the CAP (Common Agrarian Policy) are contemplated.

It is planned to allocate €20 million to improve farms, facilitating their adaptation to change, through the Biodiversity Foundation. For more details, we must wait for the meeting of the agents involved on 07/27/2022.

07.- Regulatory reforms

The modification and publication of different Royal Decrees is planned.

08.- Improvement of knowledge and follow-up

Creation of the Technical Office of the Mar Menor, which will be roaming between the towns located in the Mar Menor. It will depend on the State and not on CARM.

Creation of a real-time monitoring network in collaboration with the Spanish Institute of Oceanography (IEO), which allows both tracking and monitoring in real time (biota), as well as modeling and integration of the data to favor decision-making. decisions. It is intended to include groundwater as well.

09.- Planning and Vision in the medium - long term

10.- Social participation

Creation of the Technical Office for the Mar Menor, dependent on the State and whose headquarters will be itinerant in the different Town Halls of the area.



Citizen action in the space regeneration project in the Mar Menor.

Other complementary actions are contemplated:

- Endowment of 20 M € in direct subsidies for the basins of discharges to the Sea Menor.
- Pleamar Program. Biodiversity Foundation. Biodiversity Foundation | Pleamar Program (fundacion-biodiversidad.es)

Annex



CETENMA @CETENMA · 26 jul.



📅 El pasado 22/07 acompañamos a la ministra Teresa Ribera en su visita al Ayuntamiento de Los Alcázares y al #MarMenor, una de las zonas de actuación de nuestro proyecto 🌿🌸 #LifeTransfer para recuperar sus praderas marinas

lifetransfer.eu

👤 10 socios

🇪🇸 🇮🇹 🇬🇷 3 países





Other contacts

- Email contact to ODYSSEA Project. Georgios Sylaios (gsylaios@env.duth.gr)
- Email contact to SEPOSSO. Barbara Laporta (barbara.laporta@isprambiente.it)
- Email contact to SMART LAGOON. David Heiser (dcheiser@ucam.edu), Francisco Ruiz (ucci.ucam@ucam.edu)
- Email contact to INTEMARES. (intemares@fundacion-biodiversidad.es)