

Coordinated management and networking of Mediterranean wetlands

Deliverable

2.4.1

International Conference report

WETNET PROJECT

Coordinated management and networking of Mediterranean wetlands

WP 2 - Communication

Activity 2.4 – Organizing the International final conference

Project Partner: Veneto Region (Vr) - CIRF

Date: October 1-3, 2019

Deliverable 2.4.1 – International Conference report

SUSTAINABLE GOVERNANCE OF MEDITERRANEAN WETLANDS

Wetland Contracts as voluntary agreements for stakeholder engagement and empowerment

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1. EVENT DETAILS

Title: “SUSTAINABLE GOVERNANCE OF MEDITERRANEAN WETLANDS - Wetland Contracts as voluntary agreements for stakeholder engagement and empowerment”.

Type: International conference targeted to the general public, experts in the field, researchers, international organizations and institutions engaged in environmental governance and biodiversity protection, representatives of the European Commission and of EU projects involved in networking activities, held in the end of the Project.

Date: October 1st-3rd, 2019

Location: Venice - IUAV University - ex Cotonificio Veneziano / ex Convento dei Tolentini, Veneto Region, Italy

Audience: The audience was mainly composed of experts, researchers, representatives of institutions engaged in territorial planning, environmental governance and biodiversity protection, public officers, representatives of EU projects on wetland-related topics (Italy-Croatia CREW, Life RISORGIVE, Life GREENCHANGE), people coming from the pilot areas of Wetnet, students interested in Wetland preservation.

WetNet participation: Speakers / Participants in the roundtable and workshop: Alicia Sánchez-Valverde Moreno, SARGA - Aragon Region (Spain), Giancarlo Gusmaroli - Giuseppe Dodaro, CIRF - Italian Centre for River Restoration (Italy), Franco Alberti - Claudio Perin, Land Planning Service of the Veneto Region (Italy), Aleš Smrekar - Katarina Horvat Polajnar, Research Centre of the Slovenian Academy of Sciences and Arts (Slovenia), Lisa Ernoul, Tour du Valat Foundation (France), Noel Formosa - Stephen Micallef, Gozo Regional Council (Malta), Alexandra Mendonça - Ana Catita, RCDI - Rede de Competências para o Desenvolvimento e a Inovação (Portugal), Piero Gaetano Vantaggiato - Raffaella Pagano, Vercelli Province (Italy), Pablo Vera, Spanish Ornithological Society - Birdlife International (Spain), Inma Guerrero, Andalusian Federation of Towns and Provinces (Spain).

Description: The purpose of the Final International Conference was to share the project achievements and to establish synergies with actions related to Wetlands’ management by targeting experts in the field, researchers, international organizations and institutions engaged in environmental governance and biodiversity protection.

The Conference was organized by Veneto Region and CIRF as a stand-alone event (it was not possible to join it with the periodic Conference of the European River Restoration Center as planned at the start of the Project). The Conference was articulated in three days.

On October 1 – “Wetland Contract in action: key findings of Wetnet case studies” – after an introduction on the general topics and aims of the Project by CIRF, each partner presented the results of its activities in the pilot areas. In the end of the working session, a “Wetland governance marketplace” was organized as an informal environment in which mutual

meetings took place in order to foster networking and dissemination amongst seminar participants coordinated by CIRF.

On October 2 a field trip across the northern Venice Lagoon was organized, including a visit to the main islands and wetland sites with a naturalistic guide for describing the main fauna and flora biotopes of the northern lagoon. Some explanations on how the lagoon system and its water exchange mechanisms work was provided by CIRF.

On October 3 the Conference final day started with a panel entitled “Wetnet project in a nutshell” in which a general overview on the main steps and outputs and on the state of art of Wetland Contracts in the Mediterranean were provided by Veneto Region and CIRF.

A roundtable with Wetnet partners followed for discussing the outcomes from Wetnet pilot areas’ governance processes, including a video clip presentation of the 9 sites provided by Veneto Region. After that, the representatives of EU Projects on MED wetlands (Interreg Italy-Croatia “CREW” project, Life “Risorgive” project, life “Greenchange” project) presented their experiences in a final panel entitled “Wetland governance: towards a Mediterranean community of practices”.

A technical paper based upon the wetnet project experience, containing main open challenges and recommendations for the sustainable governance of Mediterranean wetlands was announced as a work-in-progress to be finalized in the light of the results of the Final Conference.

More than 500 public and non-public subjects were invited, including representatives of Regional, Provinces and Municipalities (of Veneto Region), representatives of the European Commission, representatives of associations and public bodies involved in wetlands management or preservation, urban planners, university professors and politicians. The actual number of participants in the three days events was quite less (about 40 people a day respect of the ___ people registered via web to the event), a number partially justified by the effort required during the three days.

2. CONCLUDING REMARKS

The final conference of Wetnet was a great opportunity to draw on the experience of wetland contracts. The final evaluation of the learning experience was broadly positive as each partner was able to start and conclude challenging participatory processes, in line with the methodology set out in the project, which in many cases involved subjects and institutions that had never met directly before.

It was already evident - especially in the final stages of the project - that the potential of such new integrated governance instrument sometimes clashed with the regulatory framework of individual countries and had to find some compromises trying to preserve the most significant content of the contracts according to the approach indicated by the project.

Participatory experiences have also shown that the sharing processes still have to overcome, at the moment, obstacles and mistrust mainly related to the poor habit of dialogue without prejudice and to phenomena of territorial competition still present in some contexts and,

finally, to the lack of information and awareness about the ecological and hydrogeological condition, the strengths and the weaknesses of wetlands.

Nevertheless, awareness of the importance of wetlands and the preservation of these important environments is constantly growing, as is the willingness of stakeholders deeply interested in preserving wetlands to engage in mutual dialogue and to seek a balance between the conservation of ecosystems and the preservation of human activities linked to such important and biodiversity-rich environments.

Another common output is the great potentials of most sites in terms of sustainable tourism and high-quality agriculture opportunities that can be better valorized through the Wetland Contracts.

Europe's great attention to wetlands is also shown by the numerous cooperation projects financed in recent years, some of which were presented during the event.

Thanks to Wetnet, some first results have been achieved. It is now necessary to consolidate and disseminate the results and experiences of the project in the final perspective of seeing all the wetlands of the Mediterranean and their ecosystems linked through an integrated and transnational network, in which governance models and measures of safeguards are everywhere capable of ensuring that the objectives of biodiversity conservation and sustainable development suggested by the "Venice Charter" can be fully achieved in the future.

It is also important to follow the course of the signed contracts in the next years in order to check the effectiveness of the commitments and the action plans and possibly improve the governance tool. This could also be a good suggestion for a capitalizing project proposal in MED Programme.

3. PHOTO GALLERY

1st DAY











2nd DAY











4. APPENDIX – INTERNATIONAL FINAL CONFERENCE AGENDA AND POSTER



FINAL CONFERENCE

SUSTAINABLE GOVERNANCE OF MEDITERRANEAN WETLANDS

 Wetland Contracts as voluntary agreements for stakeholder engagement and empowerment

 Venice (Italy), 1st – 3rd October 2019

STEERING ORGANIZATIONS :



CO-ORGANIZERS :



WITH THE KIND COOPERATION OF :





Franco Alberti, Veneto Region



Giancarlo Gusmaroli, CIRF

Dear Participants and Speakers,

after a three years long journey on board of the WetNet project, we are happy to have reached the final event with our partners from France, Italy, Malta, Portugal, Slovenia and Spain. We would like this conference not to represent a closure ceremony, but a capacity building and networking event amongst people committed for the sustainable management of Mediterranean wetlands. We warmly welcome all participants in Venice and we wish them a fruitful meeting. See you!

WETNET PROJECT PRESENTATION

Wetlands in Europe are vulnerable interconnected environments, playing an important role to biodiversity conservation. Their protection intertwines scientific-environmental aspects and governance concerns. The WetNet project tackles the issue of implementing multilevel governance for Mediterranean wetlands, in order to enhance their ecosystems as well as to foster human wellbeing. The project aims at ensuring an effective coordination amongst different levels of spatial planning as well as a durable cooperation amongst public and private actors engaged in wetlands' management, whilst limiting conflicts between conservation issues and economic activities. By defining common priorities for Mediterranean wetlands conservation, WetNet encourage the achievement of integrated territorial strategies in which the value of nature is accounted. Building on previous EU experiences (River Contracts), WetNet seeks to test and transfer the "Wetlands Contract" governance tool, acting through inclusive participatory processes where private and public stakeholders get to a commitment for mainstreaming wetland conservation into their actions. This project aims to increase the understanding of Wetlands Contracts approach and to strengthen existing transnational networks for sharing and disseminating information and good practices on wetland conservation.

REGISTRATION

No registration fee. Limited seats available, registration is mandatory.

Online registration form: <https://forms.gle/eseL8yuXgEd8Ajcr8>

OFFICIAL LANGUAGE

English

(English/Italian translation will be provided during the following work sessions: Tuesday 1st October and Wednesday 3rd October)

PROGRAMME OVERVIEW

| | Tuesday 1st October | Wednesday 2nd October | Thursday 3rd October |
|---------------|---|--|---|
| venue | Venice | Venice lagoon | Venice |
| participation | accepted applicants | accepted applicants | accepted applicants |
| MORNING | 08.30 - 09.00 registration & welcome coffee | 08.30 - 09.00 registration | 08.30 - 09.00 registration & welcome coffee |
| | 09.00 - 10.00 registration & welcome coffee | 09.00 - 13.00 VENICE LAGOON FIELD TRIP (part I) | 9.00 - 13.00 CONFERENCE |
| | 10.00 - 13.00 TECHNICAL SEMINAR (part I) | | |
| LUNCH TIME | 13.00 - 14.00 buffet lunch | 13.00 - 14.00 traditional lunch | 13.00 - 14.00 buffet lunch |
| AFTERNOON | 14.00 - 18.00 TECHNICAL SEMINAR (part II) | 14.00 - 18.00 VENICE LAGOON FIELD TRIP (part II) | |

VENUES

| |
|--|
| VENICE: LAGOON |
| VENICE: IUAV UNIVERSITY @ EX COTONIFICIO VENEZIANO - AUDITORIUM & AULA J (Dorsoduro, 2196) |
| VENICE: IUAV UNIVERSITY @ EX CONVENTO DEI TOLENTINI - LECTURE HALL (Santa Croce, 191) |

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DETAILED PROGRAMME - Tuesday 1st October: technical seminar

- 09.00 - 10.00 REGISTRATION & WELCOME COFFEE
- 10.00 - 13.00 WETLAND CONTRACT IN ACTION: KEY FINDINGS OF WETNET CASE STUDIES (PART I)
 CHAIR: *Alexandra Mendonça*, RCDI (Portugal)
 INTRODUCTION (10')
Franco Alberti, Land Planning Service of the Veneto Region (Italy)
 THE WETLAND CONTRACT METHODOLOGICAL APPROACH ADOPTED IN WETNET PROJECT (40' + 10' Q/A)
Giancarlo Gusmaroli, CIRF - Italian Centre for River Restoration (Italy)
 THE WETLAND CONTRACT OF CAORLE LAGOON SYSTEM - ITALY (25' + 5' Q/A)
Claudio Perin, Veneto Region (Italy) - *Marco Abordi*, external advisor (Italy)
 THE WETLAND CONTRACT OF LJUBLJANSKO BARJE NATURE PARK - SLOVENIA (25' + 5' Q/A)
Katarina Horvat Polajnar, Research Centre of the Slovenian Academy of Sciences and Arts (Slovenia)
 THE WETLAND CONTRACT OF VERDIER MARSHES - FRANCE (25' + 5' Q/A)
Lisa Ernoul, Tour du Valat Foundation (France)
 THE WETLAND CONTRACT OF CAÑIZAR LAGOON - SPAIN (25' + 5' Q/A)
Alicia Sánchez-Valverde Moreno, SARGA - Aragon Region (Spain)
- 13.00 - 14.00 BUFFET LUNCH
- 14.00 - 16.00 WETLAND CONTRACT IN ACTION: KEY FINDINGS OF WETNET CASE STUDIES (PART II)
 CHAIR: *Lisa Ernoul*, Tour du Valat Foundation (France)
 THE WETLAND CONTRACT OF ALBUFERA DE VALENCIA - SPAIN (25' + 5' Q/A)
Pablo Vera, Spanish Ornithological Society - Birdlife International (Spain)
 THE WETLAND CONTRACT OF MELIDES LAGOON - PORTUGAL (25' + 5' Q/A)
Ana Catita, RCDI - Rede de Competências para o Desenvolvimento e a Inovação (Portugal)
 THE WETLAND CONTRACT OF VERCELLI LOWPLAIN - ITALY (25' + 5' Q/A)
Raffaella Pagano, Vercelli Province (Italy)
 THE WETLAND CONTRACT OF GOZO ISLAND - MALTA (25' + 5' Q/A)
George Refalo, Gozo Regional Council (Malta)
- 16.00 - 18.00 WETLAND GOVERNANCE MARKETPLACE
 An informal environment in which B2B and B2C meetings will take place in order to foster networking and dissemination amongst seminar participants.

DETAILED PROGRAMME - Wednesday 2nd October: field trip

- 08.30 - 09.00 PARTICIPANT MEETING
@ TRONCHETTO ISLAND, VENICE (DETAILED INFORMATION WILL BE PROVIDED TO REGISTERED PARTICIPANTS)
- 09.00 - 13.00 VENICE LAGOON FIELD TRIP (PART I)
DEPARTURE FROM TRONCHETTO ISLAND, VENICE
BOAT TRIP WITH GUIDE
- 13.00 - 14.00 TRADITIONAL LUNCH IN A NORTHERN LAGOON ISLAND
- 14.00 - 18.00 VENICE LAGOON FIELD TRIP (PART II)
BOAT TRIP WITH GUIDE
ARROVAL AT TRONCHETTO ISLAND, VENICE



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Università Iuav
di Venezia

DETAILED PROGRAMME - Thursday 3rd October: final event

- 08.30 - 09.00 REGISTRATION & WELCOME COFFEE
- 09.00 - 09.20 OPENING
 IUAV University of Venice
 Interreg Med Programme Joint Secretariat
 CIRF - Italian Centre for River Restoration
 Veneto Region
- 09.20 - 10.00 WETNET PROJECT IN A NUTSHELL
 WETNET PROJECT: AN OVERVIEW ON THE MAIN STEPS AND OUTPUTS (20')
Claudio Perin, Veneto Region (lead partner)
 WETLAND CONTRACTS IN THE MEDITERRANEAN: STATE OF ART AND OPEN CHALLENGES (20')
Giancarlo Gusmaroli, CIRF - Italian Centre for River Restoration (technical-scientific advisory partner)
- 10.00 - 11.30 OUTCOMES FROM WETNET PILOT AREAS' GOVERNANCE PROCESSES
 VIDEO CLIP PRESENTATION: AN OVERVIEW ON WETNET PILOT AREAS
 ROUNDTABLE WITH WETNET PARTNERS
Franco Alberti, Veneto Region (Italy)
Giuseppe Dodaro, CIRF - Italian Centre for River Restoration (Italy)
Lisa Ernoul, Tour du Valat Foundation (France)
Noel Formosa, Gozo Regional Council (Malta)
Alexandra Mendonça, RCDI - Rede de Competências para o Desenvolvimento e a Inovação (Portugal)
Inma Guerrero Alés, Andalusian Federation of Towns and Provinces (Spain)
Alicia Sánchez-Valverde Moreno, SARGA - Sociedad Aragonesa de Gestión Agroambiental (Spain)
Aleš Smrekar, Research Centre of the Slovenian Academy of Sciences and Arts (Slovenia)
Piero Gaetano Vantaggiato, Vercelli Province (Italy)
Pablo Vera, Spanish Society of Ornithology - BirdLife International (Spain)
- 11.30 - 12.30 WETLAND GOVERNANCE: TOWARDS A MEDITERRANEAN COMMUNITY OF PRACTICES
 INTERREG ITALY-CROATIA "CREW" PROJECT (15')
Maria Chiara Tosi, IUAV University
 LIFE "RISORGIVE" PROJECT (15')
Stefano Salviati, Aquaprogram
 LIFE "GREENCHANGE" PROJECT (15')
Stefano Magaudda, U-Space
 INTERREG MED "COASTING" PROJECT (15')
Inma Guerrero Alés, Andalusian Federation of Towns and Provinces (Spain)
- 12.30 - 13.00 THE CHART OF VENICE
 PRESENTATION OF THE TECHNICAL PAPER BASED UPON THE WETNET PROJECT EXPERIENCE, CONTAINING MAIN OPEN CHALLENGES AND RECCOMENDATIONS FOR THE SUSTAINABLE GOVERNANCE OF MEDITERRANEAN WETLANDS.


Coordinated management and networking of Mediterranean wetlands

FINAL CONFERENCE SUSTAINABLE GOVERNANCE OF MEDITERRANEAN WETLANDS

Wetland Contracts as voluntary agreements for stakeholder engagement and empowerment
IUAV University of Venice
Venice (Italy), 1 > 3 October 2019

5. APPENDIX – SIGNATURE SHEET

October 1





Project co-financed by the European Regional Development Fund

FINAL CONFERENCE

List of participants on 1st October

STEERING ORGANIZATIONS:

INFORMATIVA SUL TRATTAMENTO DEI DATI PERSONALI

I trattamenti di dati personali sono improntati ai principi di correttezza, liceità e trasparenza, tutelando la riservatezza dell'interessato e i suoi diritti.

Il Titolare del trattamento è la Regione del Veneto / Giunta Regionale, con sede a Palazzo Balbi - Dorsoduro, 3901, 30123 – Venezia.

Il Delegato al trattamento dei dati che La riguardano, ai sensi della DGR n. 596 del 08.05.2018 pubblicata sul BUR n. 44 del 11.05.2018, è il Direttore della Direzione Pianificazione Territoriale.

Il Responsabile della Protezione dei dati / Data Protection Officer ha sede a Palazzo Sceriman, Cannaregio, 168, 30121 – Venezia. La casella mail, a cui potrà rivolgersi per le questioni relative ai trattamenti di dati che La riguardano, è: dpo@regione.veneto.it

La finalità del trattamento cui sono destinati i dati personali è la registrazione all'evento e il trattamento è svolto in forma automatizzata e/o manuale, nel rispetto delle misure di sicurezza adeguate al rischio. In particolare, le misure di sicurezza adottate sono volte ad impedire l'accesso, la divulgazione, la modifica o la distruzione non autorizzate dei dati personali.

I dati raccolti potranno essere trattati inoltre a fini di archiviazione (protocollo e conservazione documentale) nonché, in forma aggregata, a fini statistici.

I dati, trattati da persone autorizzate non saranno comunicati ad altri soggetti né diffusi.

Il periodo di conservazione, ai sensi dell'articolo 5, par. 1, lett. e) del Regolamento 2016/679/UE, è il tempo necessario a raggiungere le finalità in parola.

Le competono i diritti previsti dal Regolamento 2016/679/UE e, in particolare, potrà chiedere al Sottoscritto l'accesso ai dati personali che La riguardano, la rettifica, l'integrazione o, ricorrendone gli estremi, la cancellazione o la limitazione del trattamento, ovvero opporsi al loro trattamento.


Ha diritto di proporre reclamo, ai sensi dell'articolo 77 del Regolamento 2016/679/UE, al Garante per la protezione dei dati personali con sede in Piazza Venezia n. 11 - 00187 Roma, ovvero ad altra autorità europea di controllo competente.

Il conferimento dei dati è facoltativo e il mancato conferimento comporterà l'impossibilità di partecipare all'evento.

INFORMATION AND ACCESS TO PERSONAL DATA
(Regulation (EU) 2016/679 - GDPR - General Data Protection Regulation)

Your personal data will be treated confidentially and processed by Veneto Region for the purpose of the WETNET project - Interreg Mediterranean, with respect and in accordance with EU Regulation 2016/679, General Data Protection Regulation (GDPR) and Italian Legislative

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Project co-financed by the European Regional Development Fund

FINAL CONFERENCE

List of participants on 1st October

STEERING ORGANIZATIONS:

Decree no. 196/2003, Personal Data Protection Code (Privacy Code). Your personal data will be recorded and stored in electronic and paper format, for the time period necessary for the purposes for which they were collected.

Accordingly to the GDPR - General Data Protection Regulation, Veneto Region, with the Regional Government Resolution n. 596 of the 8th of May 2018, has set up the internal organization, identifying figures, with different tasks, powers and responsibilities in charge of managing the provided data:

The Data Controller: Regione del Veneto / Giunta regionale, Palazzo Balbi – Dorsoduro 3901, 30123 Venezia.

The Data Protection Officer: DPO, Palazzo Sceriman, Cannaregio, 168 - 30121 Venezia.

The Data Controller Deputy: Direzione Pianificazione Territoriale, Cannaregio 99 - 30121 Venezia. Email: pianificazioneterritoriale@regione.veneto.it

Processing operations will be performed by persons in charge of the processing that act under the authority of the Data Controller and the Data Controller Deputy by complying with the instructions received.

Please note that during the meetings, photographs and audio-visual footage could be taken. That material will be solely used for the communication of the WETNET project - Interreg Mediterranean.

At any time, you have the right to request from the data controller access to and rectification or erasure of your personal data.

You have the right to lodge a complaint, pursuant to Article 77 of Regulation 2016/679 / EU, to the "Garante per la Protezione dei Dati" with headquarters in Piazza Venezia 11, IT-00187 Roma (<http://www.garanteprivacy.it/>), or other competent European control authority.

2

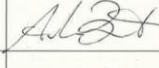
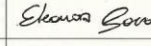
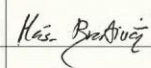
FINAL CONFERENCE

 List of participants on 1st October

| N. | name and surname | organization | email address | role | signature (please see privacy information on the front pages) |
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FINAL CONFERENCE

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FINAL CONFERENCE
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6

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 List of participants on 1st October

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 List of participants on 1st October

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FINAL CONFERENCE
 List of participants on 1st October

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October 2

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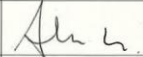

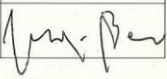
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October 3

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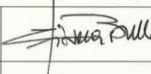
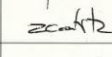


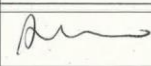




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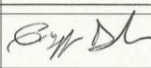
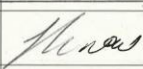
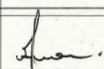
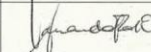
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6. APPENDIX – PRESENTATIONS - OCTOBER 1

CIRF (G. Gusmaroli)



FINAL CONFERENCE
SUSTAINABLE GOVERNANCE OF MEDITERRANEAN WETLANDS
 Wetland Contracts as voluntary agreements for stakeholder engagement and empowerment
 Venice (Italy), October 1st – 3rd, 2019

STEERING ORGANIZATIONS :



CO-ORGANIZERS :



KIND COOPERATION OF :

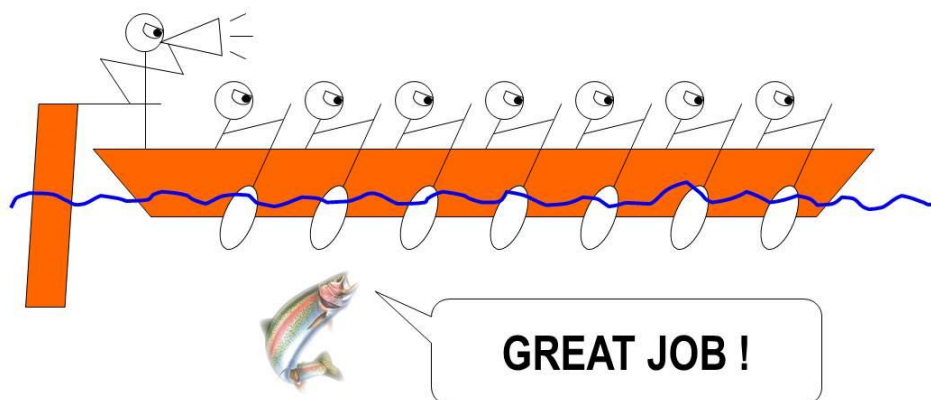


THE WETLAND CONTRACT METHODOLOGICAL APPROACH ADOPTED IN WETNET PROJECT
Giancarlo Gusmaroli

CIRF Technical Director ECRR Board of Directors Member

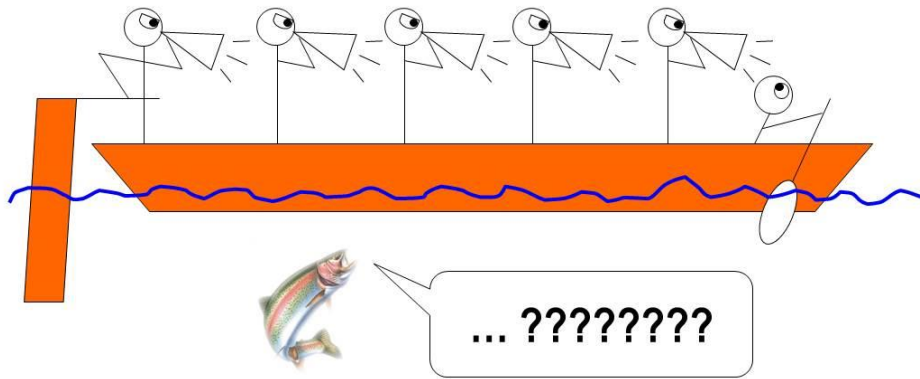


We should work like this...



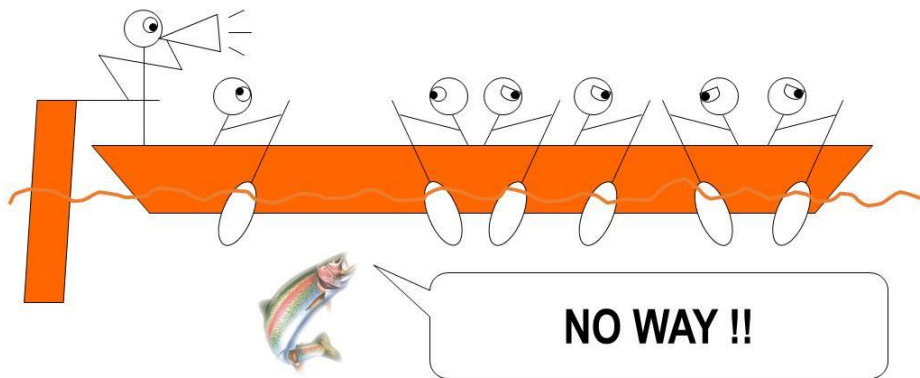
(Pineschi e Gusmaroli, 2013)

... but often we find ourselves working like this ...



(Pineschi e Gusmaroli, 2013)

... or even so ...



(Pineschi e Gusmaroli, 2013)



THE EXAMPLE OF WASTE MANAGEMENT

from incinerators...

... to separate collection

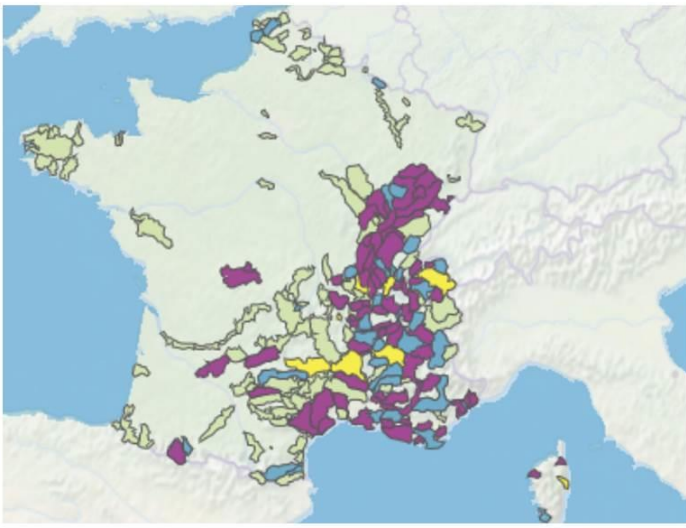


- 5 FEV. 1981

FRANCE, 1981
 ENVIRONMENT MINISTRY MEMORANDUM
 ON RIVER CONTRACTS

Objet : Contrats de rivière

Le contrat de rivière peut donc être un instrument de réalisation des cartes départementales d'objectifs de qualité sur certaines rivières en faisant appel non à la voie réglementaire mais à la voie contractuelle.



WETLAND CONTRACT
 France

since 1981

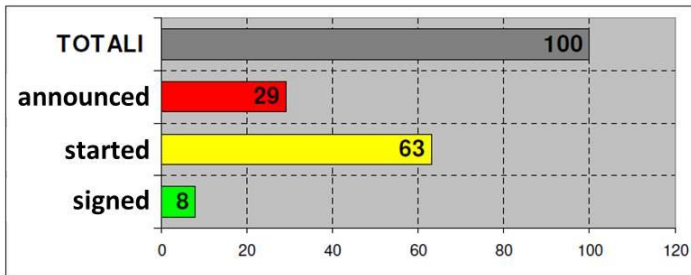
- 8 Contrat en émergence
- 38 Contrat en élaboration
- 81 Contrat signé en cours
- 154 Contrat achevé
- 281

www.gesteau.fr
 [15-02-2017]



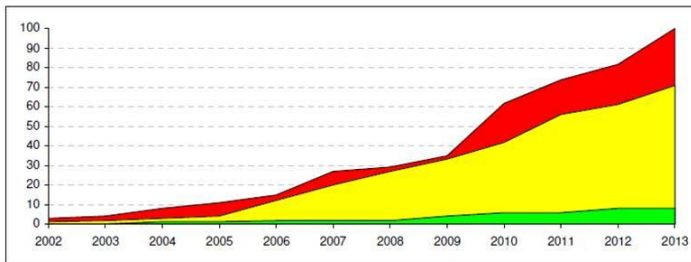
WETLAND CONTRACT Belgium

since 1993



WETLAND CONTRACT Italy

since 2002

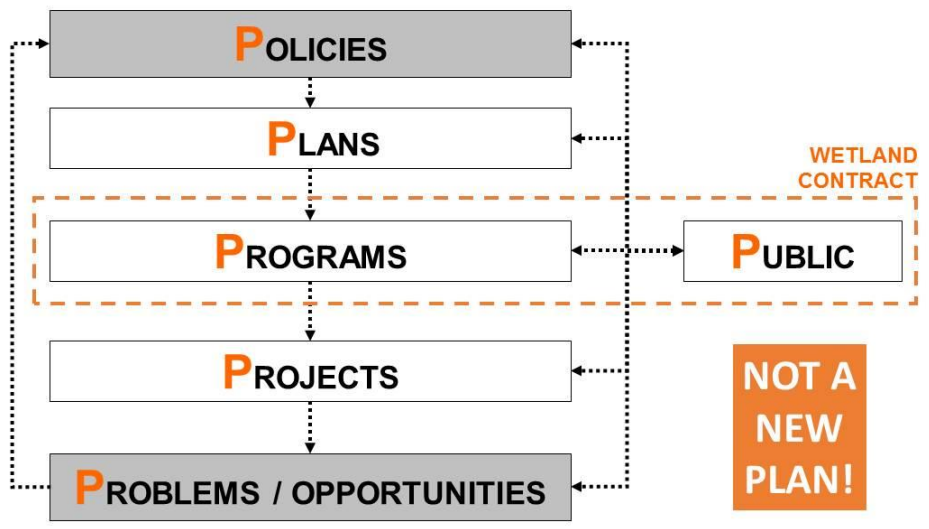


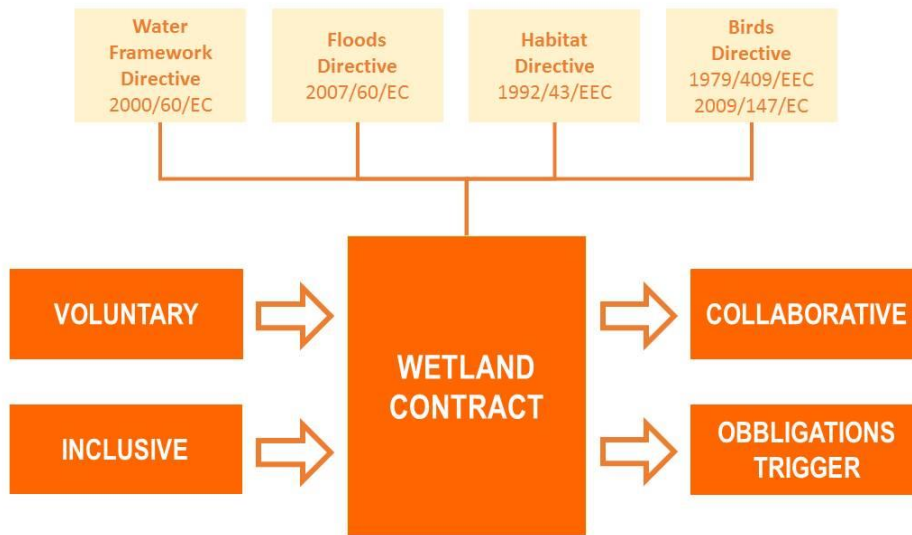
last update:
December 2013

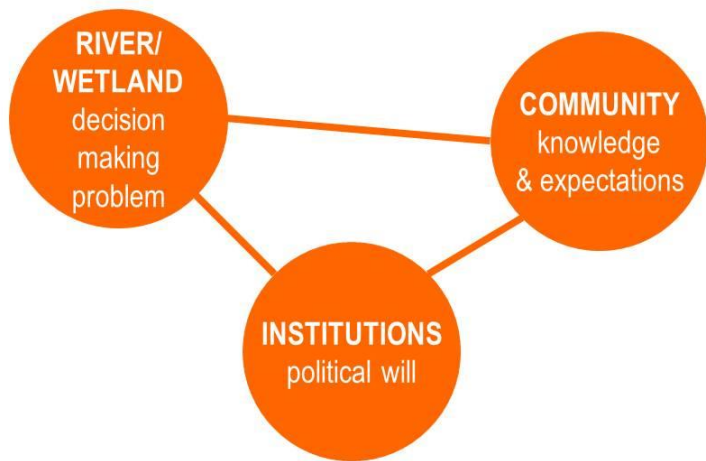
(FONTE: GUSMAROLI, 2013)



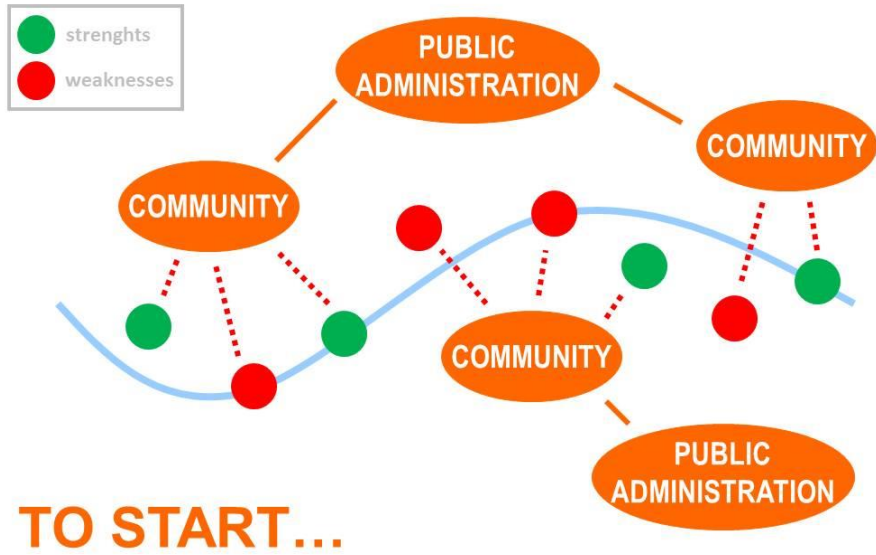
the "Ps" of GOVERNANCE







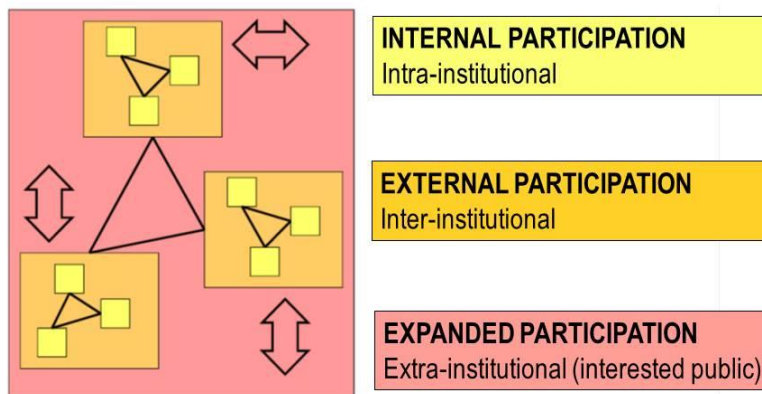
TO START...



A YOUNG GIRL
OR AN OLD WOMAN ?



NEED FOR A
**COMMON
VISION**



DECIDING

from latin *de caedere* = to cut off

Choosing among alternatives, different possibilities

the River/Wetland Contract even before

**SHARING
DECISIONS**

aims at

**SHARING
THE WAY OF MAKING DECISIONS**



柔道



嘉納 治五郎 - Kanō Jigorō (1860-1938)

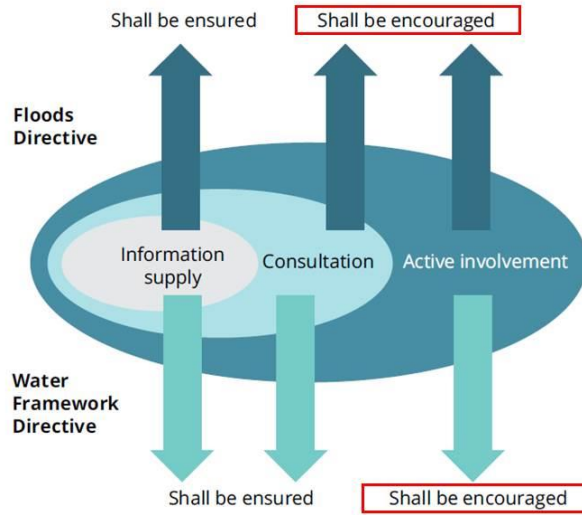
jūdō

«gentle way» or «path of compliance»

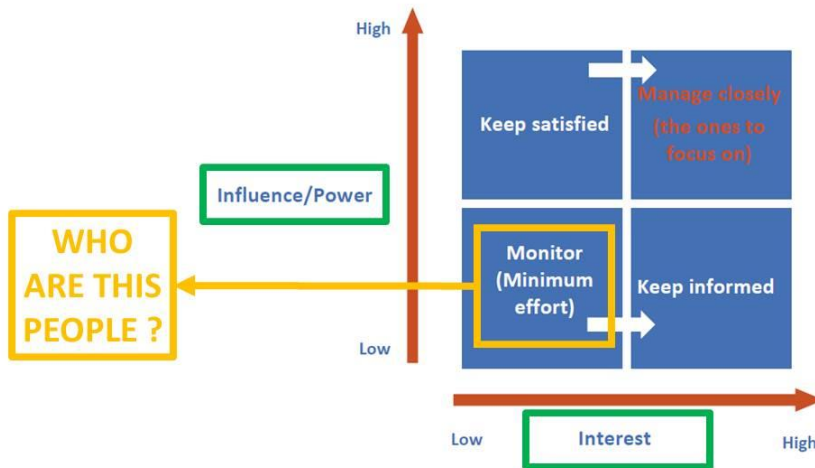
**FRANGAR,
NON FLECTAR**
I will break,
but I will not bow

**FLECTAR,
NE FRANGAR**
I will bow,
in order not to be broken

STAKEHOLDER ENGAGEMENT PROCESS (1 out of 4)

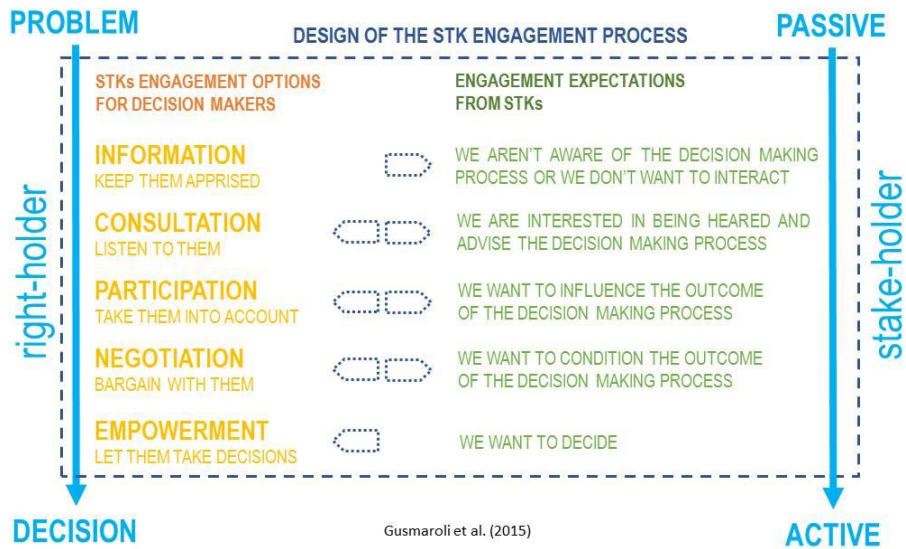


STAKEHOLDER ENGAGEMENT PROCESS (2 out of 4)



Interreg Med Programme Manual, Chapters 5.23 to 5.26

STAKEHOLDER ENGAGEMENT PROCESS (3 out of 4)



STAKEHOLDER ENGAGEMENT PROCESS (4 out of 4)

MONITORING CRITERIA (EX-ANTE / IN-ITINERE / EX-POST)

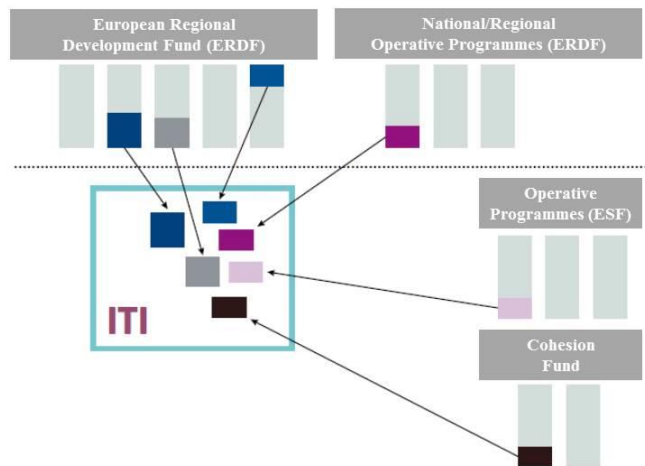
EXPECTED PRODUCT TOWARDS AN ACTION PLAN

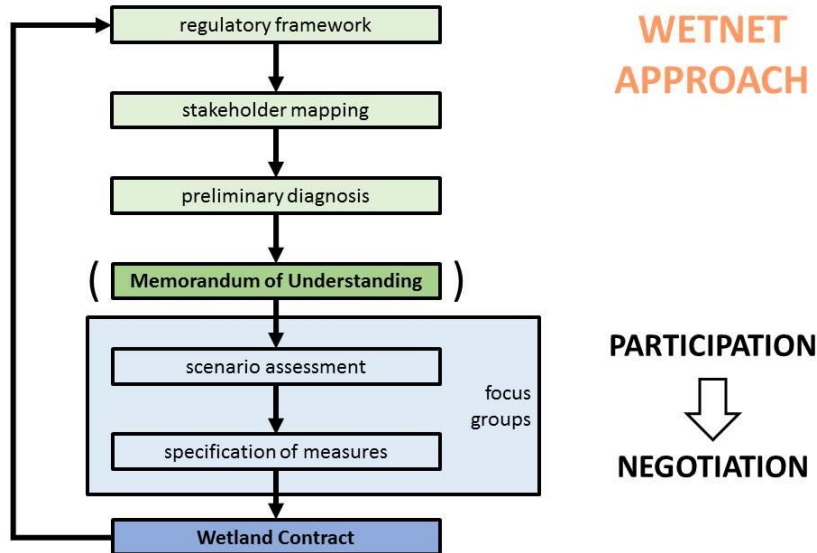


- WHAT?
- WHY?
- WHO?
- WHEN?
- HOW?



Integrated Territorial Investments → multi funding approach





DECISION MAKING PROCESS

CHECK LIST

FOR DESIGNING A WETLAND CONTRACT PROCESS

BEFORE STARTING

- CHOOSE
- CHOOSE
- CHOOSE
- CHOOSE

ONCE STARTED

- CHOOSE
- CHOOSE
- CHOOSE
- CHOOSE

Gusmaroli et al. (2015)



THANK YOU !



FINAL CONFERENCE
SUSTAINABLE GOVERNANCE OF MEDITERRANEAN WETLANDS
 Wetland Contracts as voluntary agreements for stakeholder engagement and empowerment
 Venice (Italy), October 1st – 3rd, 2019

Giancarlo Gusmaroli
 CIRF
www.cirf.org | www.ecrr.org
 Email g.gusmaroli@cirf.org
 Phone (0039) 3336046839

FINAL CONFERENCE

SUSTAINABLE GOVERNANCE OF MEDITERRANEAN WETLANDS

Wetland Contracts as voluntary agreements for stakeholder engagement and empowerment

Venice (Italy), October 1st – 3rd, 2019

STEERING ORGANIZATIONS :



CO-ORGANIZERS :

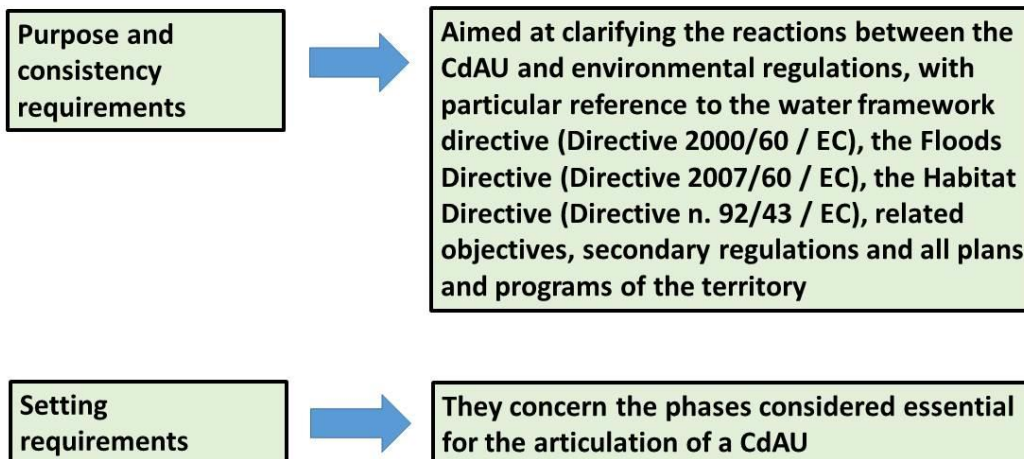


KIND COOPERATION OF :

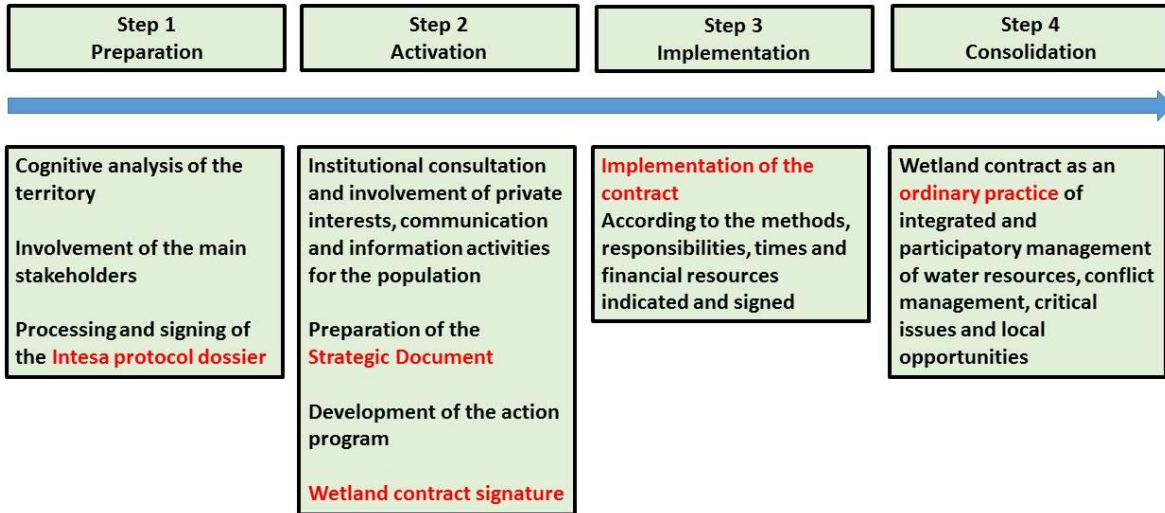


THE WETLAND CONTRACT OF CAORLE LAGOON SYSTEM (CdAU)

Marco Abordi
 T.E.R.R.A. SRL
 external advisor



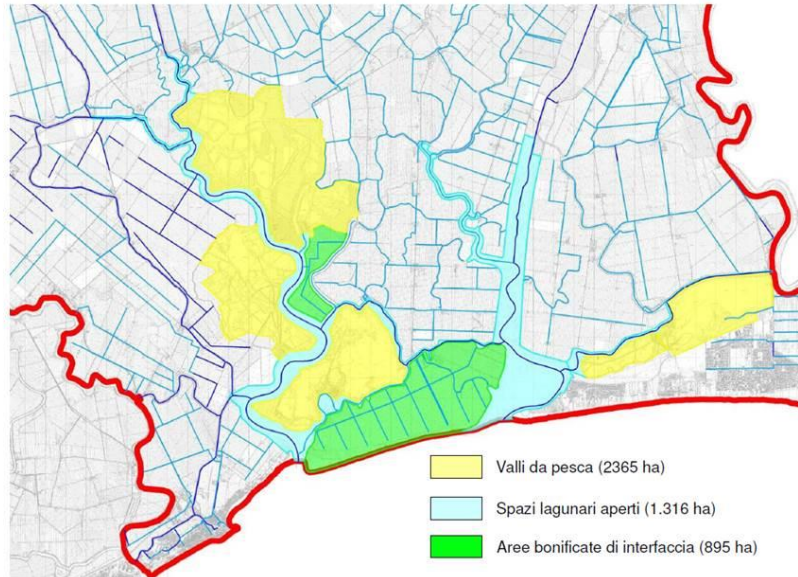
The 4 macrophases of the CdAU



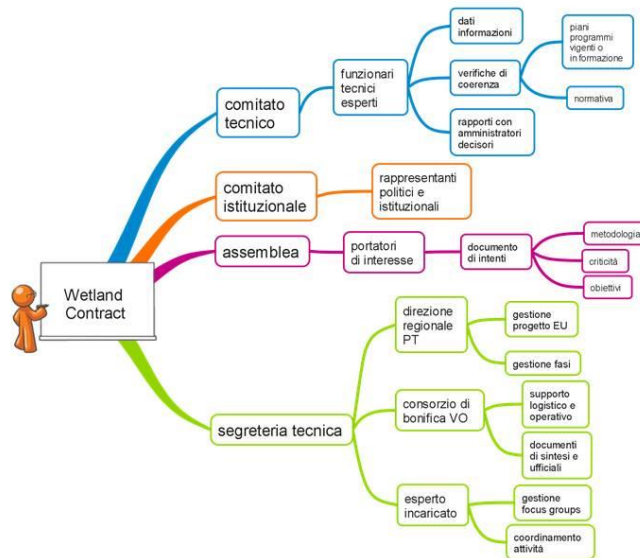
The "System of the Lagoon of Caorle"



The "System of the Lagoon of Caorle"



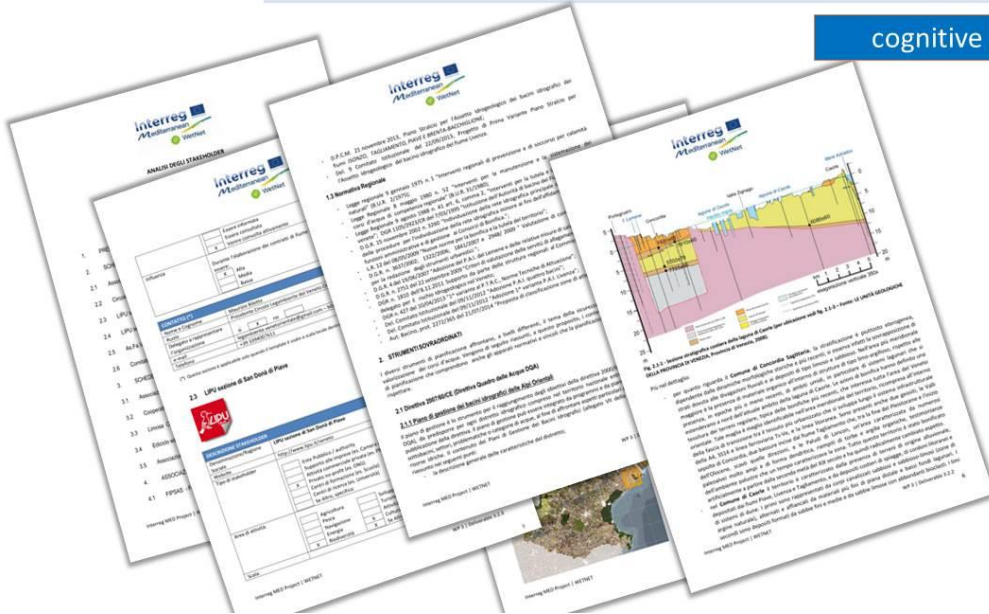
Subdivision of the CdAU



| Step | date | situation |
|---|-----------|-----------|
| First meeting of the Technical Committee | Sett-2018 | X |
| Preliminary meeting of the Assembly and preparatory meetings with the interested parties | Ott- 2018 | X |
| Definition of the scenarios, the macros and the sub-objectives of the contract through the EASW method | Nov-2018 | X |
| Sharing of the EASW report, drafting of the document of intent and transmission to the participants in the contract | Nov-2018 | X |
| Elaboration, integration and shared definition of the document of intent for approval and subscription | Dic-2018 | X |
| First Plenary Assembly of the contract and signing of the document of intent, approval of scientific dossiers (legislative and cognitive framework) | Gen-2019 | X |
| Organization of 3 events open to the public to explore the most important issues with the presence of experts in different sectors | Mar-2019 | X |

| Step | date | situation |
|---|--------------|-------------|
| Development of the 4 thematic tables (focus groups) for the definition of actions / measures consistent with the objectives emerged from the EASW | Apr-2019 | X |
| Control and verification of the results of the 4 thematic tables | Apr-2019 | X |
| Definition of the Contract (to be approved in the form of the negotiated planning agreement) and the contents of the action program | Mag-2019 | X |
| Transmission of draft Contracts and action plans to all participants for comments and approval | Giu-2019 | X |
| Approval of the contract and related attachments by the decision-making bodies of the participating subjects | Giu-Set-2019 | in progress |
| Signing of the contract by the parties gathered in the plenary assembly and signature of the delegates | Set-Ott 2019 | in progress |

cognitive framework



Technical Committee

21 settembre 2018



Assembly

11 ottobre 2018



EASW

15 novembre 2018

GRUPPO 1 - ISTITUZIONI ed ASSOCIAZIONI
SCENARIO POSITIVO - CAORLE 2030

- Nel 2030 si è riusciti ad armonizzare gli STRUMENTI ED I PIANI DI GESTIONE (ATTUALMENTE CI SONO OLTRE 15 PIANI SULLA LAGUNA) CHE NECESSITANO DI UN COORDINAMENTO
- IL PIANO PRESAGGIATICO DI AMBITO, SARÀ FUNZIONALE, I PIANI REGOLATORI SARANNO ADEGUATI, E RUSTI NEL RISPETTO DELLA RIDUZIONE DEL CONSUMO DI SUOLO.
- BUONA GOVERNANCE
- ATTIVARE UN COORDINAMENTO CON IL FRUICI
- NELLA VISIONE DEI CAMBIAMENTI CLIMATICI È NECESSARIA PROGETTARE E RIPENSARE IL TERITORIO E LE INFRASTRUTTURE
- BUONA GESTIONE E MANUTENZIONE:
 - PROBLEMA CAVRATO (FRUICI) RISORSA
 - MANUTENERE LA VALOREA ECOSISTEMICA (40 SPECIE)
 - MANUTENZIONE E SFALCI DEI CAMMIEI, FAREBOVA SIAVOLO
 - ESCAVO DEI CANALI IN MANIERA ORGANICA
 - RECUPERO DEL SISTEMA VALLI LAGUNARE
 - SI È MESSO MANO ALLA REGOLAZIONE DELLE DORSINE DI PORETO
- TROVARE UN "ACCORDO" x L'AREA DI FALCONERA, ARIUNTI - AREA DEHANAIA, ADRIATA, MA È NECESSARIO REGOLARIZZARE DA UN PUNTO VISTA URBANISTICO
- POTENZIAMENTO DEPURATORI (A RIUNTI)
- CONTROLLO RIFIUTI
- COORDINAMENTO DI OVA GESTIONE, NON SOLO LEGATO ALLA NATURA, MA ANCHE ECONOMICO E SOCIALE



Document of intent



Signing of the document of intent

4 febbraio 2019



Definition of the territorial reference context

Targets

Work methodology and phases

Communication

Press - TV



Information meetings



SALA MUNICIPALE
del Comune di Portogruaro
Piazza della Repubblica

ACQUA
6 MARZO

NATURA
13 MARZO

SVILUPPO
21 MARZO

TRE INCONTRI PER CAPIRE IL SISTEMA DELLA LAGUNA DI CAORLE

6 marzo 2019 ore 17: ACQUA, dinamiche e qualità delle acque lagunari
13 marzo 2019 ore 17: NATURA, la biodiversità nella laguna
21 marzo 2019 ore 17: SVILUPPO, l'economia del sistema lagunare tra campi, valli e acque

CONTRATTO DI AREA UMIDA DEL SISTEMA DELLA LAGUNA DI CAORLE



interreg
Mediterranean



Project co-financed by the European Regional Development Fund



SALA MUNICIPALE
del Comune di Portogruaro
Piazza della Repubblica

ACQUA
6 MARZO

NATURA
13 MARZO

SVILUPPO
21 MARZO

TRE INCONTRI PER CAPIRE IL SISTEMA DELLA LAGUNA DI CAORLE

NATURA, la biodiversità nella laguna
ore 17:00 Registrazione dei partecipanti
ore 17:30 Saluti da parte del Sindaco
ore 17:30 Presentazione del progetto Wetnet e del Contratto di Area Umida del Sistema della Laguna di Caorle
ore 17:30 Lo stato della biodiversità nella laguna di Caorle: aree protette, progetti e critica
Dott. Luigi Coscia – Regione Veneto
Dott. Davide Scarpato – Naturalista
Prof. Piero Franzoi – Università Ca' Foscari
ore 18:30 Tavola rotonda con i relatori
moderatore Dott. Fel. Marco Abardi – Studio T.E.R.E.A.

CONTRATTO DI AREA UMIDA DEL SISTEMA DELLA LAGUNA DI CAORLE



interreg
Mediterranean



Project co-financed by the European Regional Development Fund

Public meetings



SALA MUNICIPALE
del Comune di Portogruaro
Piazza della Repubblica

ACQUA
6 MARZO

NATURA
13 MARZO

SVILUPPO
21 MARZO

TRE INCONTRI PER CAPIRE IL SISTEMA DELLA LAGUNA DI CAORLE

SVILUPPO, l'economia del sistema lagunare tra campi, valli e acque
ore 17:00 Registrazione dei partecipanti
ore 17:30 Introduzione del tema della serata e dei relatori
ore 17:30 La caccia e la pesca nella laguna di Caorle
Dott. Giuseppe Cherubini – Regione Veneto
ore 17:40 Lo sviluppo socio-economico nella laguna di Caorle
Ing. Giancarlo Pegoraro – IACAL
ore 18:00 L'agricoltura e la bonifica nella laguna di Caorle
Dott. Luigi De Lucchi – Regione Veneto
ore 18:20 Tavola rotonda con i relatori
moderatore Dott. Fel. Marco Abardi

CONTRATTO DI AREA UMIDA DEL SISTEMA DELLA LAGUNA DI CAORLE



interreg
Mediterranean



Project co-financed by the European Regional Development Fund

CdAU website and Secretariat



CONTRATTO DI AREA UMIDA DEL SISTEMA DELLA LAGUNA DI CAORLE

Tracce

Tre incontri per capire il sistema della laguna di Caorle



CONTRATTO DI AREA UMIDA DEL SISTEMA DELLA LAGUNA DI CAORLE

interreg
Mediterranean



Project co-financed by the European Regional Development Fund



CONTRATTO DI AREA UMIDA DEL SISTEMA DELLA LAGUNA DI CAORLE

30 Maggio 2019 | Notizie

Lavori al primo tavolo tematico del Contratto di Area Umida del Sistema della Laguna di Caorle: si discutono e condividono le necessità dell'agricoltura e della pesca professionale.



CONTRATTO DI AREA UMIDA DEL SISTEMA DELLA LAGUNA DI CAORLE

Sede Operativa di Portogruaro
Viale Venezia 127
36032 Portogruaro (VI)
Telefono 0423 392311
Fax 0423 392312

Sede Legale di San Donà di Piave
Piazza Risorgimento 25
36027 San Donà di Piave (VI)
Telefono 0423 394611
Fax 0423 394609

C.F. 0291902078
partitaiva@contrattoareaumida.it
info@contrattoareaumida.it

Seguici su



Certificazione per attività di progettazione, direzione lavori e coordinamento della sicurezza in opere di bonifica idraulica, irrigazione e risarcimento di sistemi idrogeologici-ambientali e per attività di controllo delle progettazioni delle opere di tali tipologie.



CONTRATTO DI AREA UMIDA DEL SISTEMA DELLA LAGUNA DI CAORLE

Giovedì 21 marzo, alle 17 presso la sala comunale di Portogruaro nuovo incontro del ciclo dedicato al sistema della laguna di Caorle



CONTRATTO DI AREA UMIDA DEL SISTEMA DELLA LAGUNA DI CAORLE

interreg
Mediterranean



Project co-financed by the European Regional Development Fund



1
sicurezza idraulica e dinamiche lagunari



3
tema turistico fruitivo, produttivo, di sviluppo
socio-economico e pianificazione



2
agricoltura e pesca professionale



4
tutela e valorizzazione ambientale, caccia e
pesca non professionali

OBJECTIVES EMERGED FROM EASW AND THEMATIC TABLES (1)

- improving the water quality of the entire lagoon system
- the containment of soil consumption
- hydraulic safety
- eco-systemic infrastructure and restoration of valuable lagoon habitats
- the reactivation of the lagoon dynamics and the exchange of volumes with the sea
- sustainable agriculture, quality production, integrated control and precision agricultural management
- the protection of natural areas and of the whole wetland system relating to the three Municipalities and neighboring territories
- the reactivation and redevelopment of the aquaculture and inland fishing sector

OBJECTIVES EMERGED FROM EASW AND THEMATIC TABLES (2)

- 
- the involvement of local communities in the valorisation processes and in the management actions of the lagoon areas
 - the use of the territory and of the water spaces through the methods compatible with the existing fragility
 - the redevelopment of degraded or compromised areas
 - the management of areas of environmental value
 - landscape enhancement
 - cultural enhancement
 - the promotion of forms of slow mobility
 - the promotion of responsible tourism
 - the monitoring of the various territorial components
 - the transfer and dissemination of knowledge



Art. 2, comma 203 della L. 23-12-1996 n. 662

Interventions that involve a multiplicity of **public and private** subjects and involve institutional decisions and financial resources borne by state, regional and autonomous administrations as well as local authorities can be regulated on the basis of agreements defined as follows:

a) **«Negotiated programming»**, as a story intended as the agreement agreed between public subjects or between the competent public subject and the public or private party or parties for the interventions of different, referring to development operations, which work an overall evaluation of the activities competence;



They are defined:

The responsible who will have the burden and the honor of continuing to coordinate the continuation of the process;

The methodology to be followed after signing the agreement;

Sharing of the **strategic scenario** that sets a common long-term goal;

Sharing of the **action program**, technical annex to the agreement;

The roles and responsibilities, both of the leaders of the individual actions, and of the other parties involved;

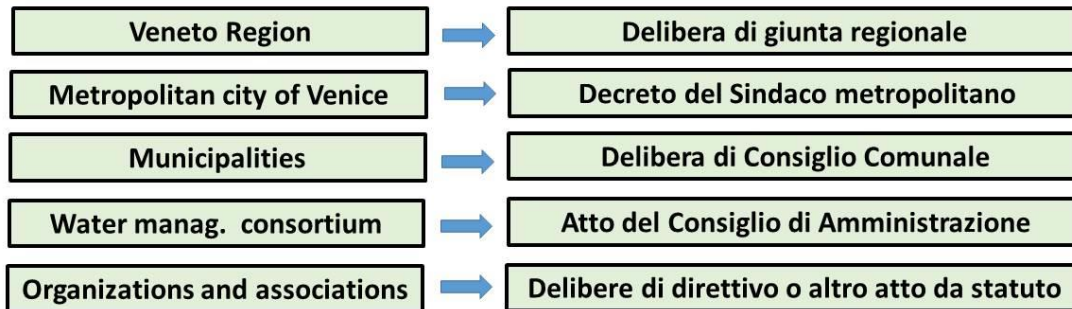
The management of financial resources indicates in the program of actions;

The implementation times indicated in the action program;

Monitoring related to the implementation of the Program of actions;

The contract must be approved in advance by the **competent bodies of each member**, the legal representative or his delegate is indicated.

With the approval provision, the representative of the Organization / Association must be identified within the Assembly.



| |
|------------------------------------|
| Action title |
| Structural / non-structural action |
| Strategic goal (s) pursued |
| Subject responsible for the action |
| Other subjects involved |
| Economic commitment |
| Funded quota |
| Times |



FINAL CONFERENCE

SUSTAINABLE GOVERNANCE OF MEDITERRANEAN WETLANDS

Wetland Contracts as voluntary agreements for stakeholder engagement and empowerment

Venice (Italy), October 1st – 3rd, 2019

STEERING ORGANIZATIONS:



CO-ORGANIZERS:



KIND COOPERATION OF:



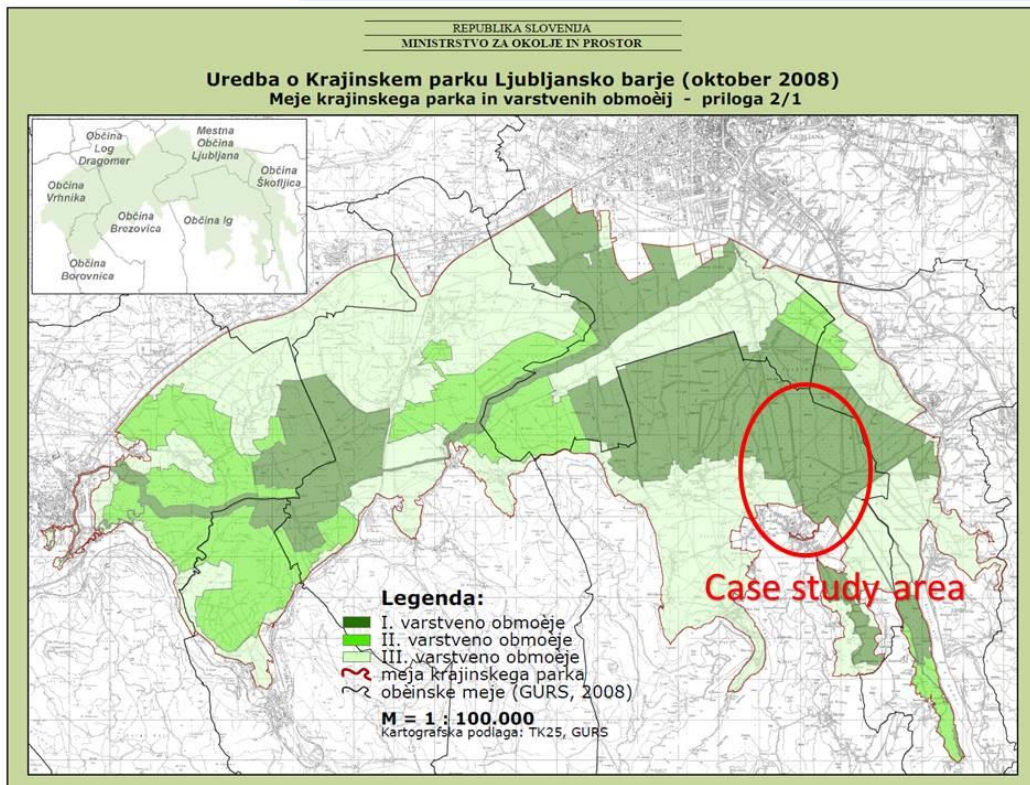
WETLAND CONTRACT IMPLEMENTATION PROCESS IN SLOVENIA

Katarina Polajnar Horvat
ZRC SAZU
Project partner

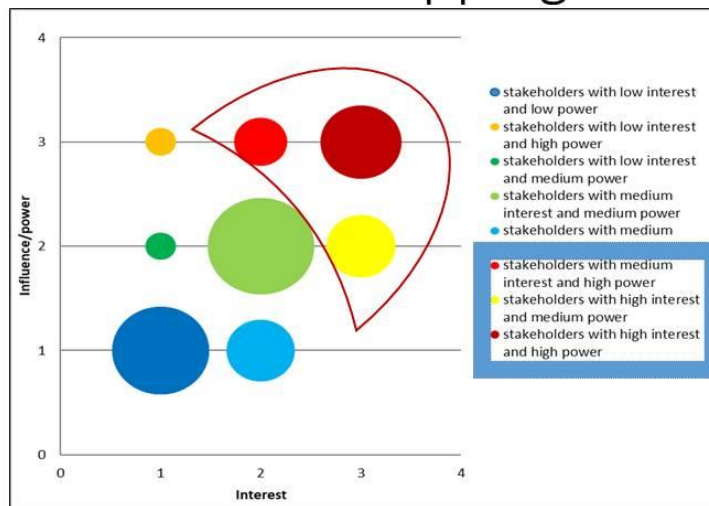
Ljubljansko barje Nature Park

- Largest wetland in Slovenia;
- Landscape elements: wet grasslands with hedges and forests, shrubs and watercourses;
- Regular floods;
- Major human interventions -> drainage of the marsh (ditches)
- Protected area (nature park) since 2008





Stakeholder mapping



Workshop 1 (26th September 2018, Ig)

Method: Focus group
 Number of participants: 41
 Number of organizations: 30



Datum: 01/12/2018

WETNET prva delavnica v dolini na platem območju Iškopijskega jezja, Obvestilo za medije

Katrina Poljanar Horvat, Daniela Ribarič, Alai Smeškar

Ljubljana, Slovenija – Dan 26. septembra smo na obrobni la organizirali prvo delavnico v dolinski v obliki predstavitve 'WetNet' - diskusijno učenje in poudarjanje sodelavstva med občanmi, ki poteka v okviru programa Interreg Mediterranean in financiran s strani Evropskega regionalnega sklada. Delavnica, ki smo jo organizirali Geografski inštitut Antona Melika ZRC SAZIS, kot partner za lokalni park Iškopijskega jezja, kat pridruženi partner v projektu, se je udeležilo 42 deležnikov v različnih sektorjih. Udeležili so se predstavniki lokalnih občin, nevladnih organizacij, partnerja in proizvajalca sektorja.

Prvi del delavnice je bil namenjen predstavitvi projekta namena in predstavitvi lokalne uprave in lokalnih. Nato so obdelali predstavitve treh strokovnjakov področja vodstva, biologije in kmetijstva, ki so pripravili ekspertno mnenje o vlogi umetnih obeh področij za vzdrževanje biotske raznovrstnosti in vodnega režima mokrišča Iškopijskega jezja.

Po vsodnih predstavah je sledila odprta diskusija o problematikah, ki jih deležniki zaznavajo na platem območju, vključnih je bilo kar nekaj problematik, od problematike zmanjšanja biotske



Result: Problem identification from the knowledge providers and stakeholders

Mi želimo takšno potovanje...

DOBRO OPRAVLJENO!

Kmetijska gospodarstva KMG

| KMG | Srednja | SEK | ha | Povprečje | | |
|------------------|------------|------------|------------|------------|------------|------------|
| > 30 | 1 | 0,53 | 21 | 2,07 | 30,44 | 6,51 |
| 21 - 30 | 1 | 0,53 | 21 | 2,07 | 22,00 | 4,71 |
| 10 - 20 | 2 | 1,07 | 42 | 4,14 | 28,80 | 6,46 |
| 10 | 2 | 1,07 | 25 | 3,52 | 18,31 | 3,93 |
| 9 | 2 | 1,07 | 20 | 2,82 | 15,70 | 3,57 |
| 8 | 3 | 1,60 | 33 | 4,52 | 23,33 | 4,78 |
| 7 | 4 | 2,14 | 31 | 4,38 | 25,11 | 5,37 |
| 6 | 9 | 4,86 | 71 | 10,93 | 49,89 | 10,33 |
| 5 | 11 | 6,88 | 75 | 10,73 | 50,75 | 10,86 |
| 4 | 11 | 6,88 | 52 | 3,87 | 30,44 | 8,44 |
| 3 | 22 | 12,25 | 92 | 12,99 | 54,41 | 11,64 |
| 2 | 45 | 24,05 | 205 | 14,97 | 65,37 | 13,99 |
| 1 | 74 | 39,97 | 393 | 13,98 | 45,34 | 16,20 |
| Vsota KMG | 182 | 100 | 708 | 100 | 457 | 100 |
| vs. letna vredn. | | | | | | |
| | | | | | | |

3,8 GERK/KMG
2,5 ha /KMG
0,66 ha GERK

AGRONOMY

BIOLOGY

Specialisti, ne generalisti!

- vodni režim
- kvaliteta vode (hranila)
- osenčenost, sediment
- razmnoževanje – prezimovališča

HYDROGEOLOGY

Workshop 3 (14th March 2019, Ig)

Discussed material
(strategic area, measures,
actions/initciatives, risks)

Method: Round table

Number of participants: 22

Number of organizations: 15



Datum: 14/03/2019

WETNET tretja delavnica z deležniki na pilotnem območju Ljubljanskega barja. Obvestilo za medije

Katarina Poljšnar Horvat, Daniela Kiberič, Alen Štremcar

Ljubljana, SLOVENIJA – Dne 13. marca smo na območju Ig organizirali tretjo delavnico z deležniki v okviru projekta WetNet – usklajeno upravljanje in povezovanje sredozemskih mokrišč, ki poteka v okviru programa Interreg Mediterranean in je financiran s strani Evropskega regionalnega sklada. Delavnice, ki so na organizaciji Geografski inštitut Antona Melika ZRC SAZU, kot partner ter Krajinski park Ljubljansko barje, kot pridružen partner v projektu, se je udeležilo 22 deležnikov iz različnih področij.

Na tretji delavnici smo s pomočjo deležnikov obravnavali potencialne cilje, ukrepe, podobe in izvedanje za tri različna področja, upravljanje, sklope in gospodarstvo in socialni razvoj. Očitovani ukrepi bodo kasneje vključeni v gospodarstvenih modelih, ki bo na zadnjem srečanju podprani s strani vključenih in ostalih relevantnih deležnikov. Glavni sprejeti sklopi so naslednji:

z področja upravljanja:
- kontrola odtokov voda iz sekundarnih odvodnikov v glavne odvodnike (reke) z zapornicami;



Workshop 4 (29th May 2019, Škofljica)

Checking the conclusions from
the 3rd workshop with **farmers**

Method: Round table

Number of participants: 12

Number of organisations (farmers): 8




2 phases of Measures implementation A and B phase included in an Action plan

A phase measures:

Management

- control of water runoff from secondary drains to main drains (rivers) with barriers;

The environment

- payment for the implementation of adapted use on agricultural land in protected areas;

Economic and social development

- designing joint tourism products.

Accepted B measures included in an Action plan

| STRATEGIC AREA | MEASURES |
|-----------------------|--|
| Governance (5) | <ul style="list-style-type: none"> - Control the outflow of water from tertiary ditches; - Coordinated maintenance of ditches; - Awareness raising of stakeholders on the importance of adequate maintenance of the ditches; - Control the use of fertilizers and pesticides on agricultural land. |

| STRATEGIC AREA | MEASURES |
|------------------------|--|
| Environment (8) | <ul style="list-style-type: none"> - Prohibition of plowing of permanent grassland according to the Protected area Regulation; - Mowing, adapted to the conservation of species and habitat types; - Proper maintenance of hedges and green belts (selective logging; conservation of trees; maintaining an adequate green belt width along the ditches and watercourses) - Establishment of zoning of individual sub-regions where priorities are defined in cooperation with landowners and managers of the protected area and Natura 2000 - Establishment of a monitoring system for the species and habitat types of community interest; - Good practice example of coordinated policies on the land of the Agricultural Land and Forests Fund; - Preparation of analysis on the development possibilities and the restructuring plan for individual agricultural holdings in cooperation with agricultural institutions and with the financial support of agricultural policy; |

| STRATEGIC AREA | MEASURES |
|--|--|
| Economic and Social Development (3) | <ul style="list-style-type: none"> - Joint marketing of products; - Building of tourist infrastructure, which will focus tourist flows |

Final step

- how to involve the national public authorities to sign the agreement;
- How to involve the rightholders to sign the agreement;
- Signment of the agreement individually one to one;
- organising the National conference: 24.10.;
- Sharing of the Wetland idea in the wider society;



FINAL CONFERENCE

SUSTAINABLE GOVERNANCE OF MEDITERRANEAN WETLANDS

Wetland Contracts as voluntary agreements for stakeholder engagement and empowerment

Venice (Italy), October 1st – 3rd, 2019

STEERING ORGANIZATIONS :



CO-ORGANIZERS :

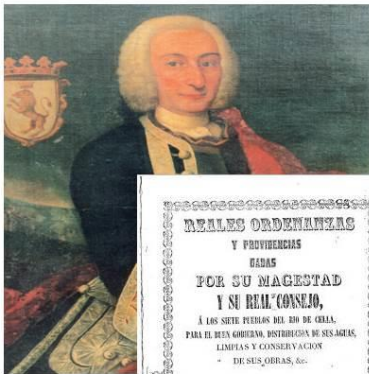


KIND COOPERATION OF :



THE WETLAND CONTRACT OF CAÑIZAR
LAGOON - SPAIN

Alicia Sánchez-Valverde Moreno
SARGA
PROJECT MANAGER



• FELIPE V ORDERED TO DRY THE LAGOON (1729-1732)

• ROYAL ORDINANCES TO REGULATE THE IRRIGATION

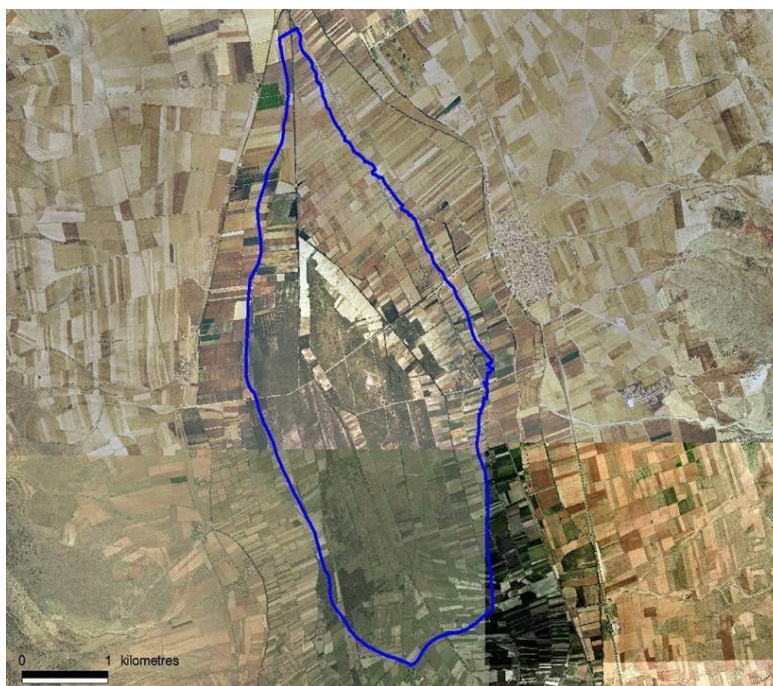
• IN 90'S, In the 90s, thanks to 3 visionaries, we started talking about the recovery of the lagoon

• And in the year 2009 it is finally possible to recover the lagoon



LAGOON RECOVERY

- ORDERED A STUDY OF THE FEASIBILITY OF THE LAGOON RECOVERY
- FIRST CONTACTS WITH AUTHORITIES
- POLITICAL CHANGES
- AGREEMENT BETWEEN 7 MUNICIPALITIES
- CHE APPROVE THE PROJECT
- FIRST INVESTMENT 400K



- RECOVER 480 HECTARES OF THE LAGOON
- BETWEEN TWO MUNICIPAL TERMS
- ALWAYS AGREE WITH THE 5 MUNICIPALITIES THAT IRRIGATE FROM THE WATER OF LAGOON



- 2009 THE LAGOON REVIVES
- MORE THAN 225 BIRD SPECIES IN ONE YEAR OF LIFE
- BECOMES AN EXAMPLE OF ENVIRONMENTAL RECOVERY
- 2012 DECREE OF THE GOVERNMENT OF ARAGON NAMED SINGULAR WETLAND THE CAÑIZAR LAGOON
- NO PROBLEMS IN THE HORIZON



La Laguna del Cañizar, Premio Medio Ambiente de Aragón 2012

El Gobierno aragonés reconoce así la labor de la Fundación gestora

REDACCIÓN / Teruel
La Fundación que gestiona la Laguna del Cañizar ha sido galardonada con el Premio Medio Ambiente de Aragón 2012 que otorga la administración autonómica. El premio reconoce la "destacada labor" en la recuperación de la laguna del Cañizar, según explica el Ejecutivo en una nota de prensa.

El humedal de más de once kilómetros cuadrados fue desecado y transformado en el siglo XVIII y hoy, gracias a la Fundación, "es una de las zonas húmedas de agua dulce de mayor extensión de Aragón y de España" y cuenta ya con una importante comunidad de aves acuáticas", resume el Ejecutivo.

La entrega de los Premios Medio Ambiente Aragón 2012 estuvo presidida por la presidenta aragonesa, Luisa Fernanda Rudi, junto al consejero de Agricultura, Ganadería y Medio Ambiente, Modesto Lobón.

Rudi explicó que el Gobierno de Aragón tiene el compromiso de garantizar



Los alcaldes de Cella y Villarquemado, en cuyos términos está la laguna, recogieron el premio

gases de efecto invernadero y el mantenimiento de los

novadores. En su discurso durante la entrega de Pre-

dio ambiente que cuidarlo les sale de manera espontá-

Colaboración contra los incendios en dos comarcas

REDACCIÓN / Teruel
El Gobierno de Aragón ha aprobado distintos convenios de colaboración con las comarcas de Matarranya y Gúdar-Javalambre para la realización de actividades de prevención y lucha contra incendios forestales.

Dado que los incendios forestales constituyen un grave problema ecológico, social y económico, existe una competencia compartida entre la Comunidad Autónoma de Aragón y las Comarcas, que se materializan a través del Plan Especial de Protección Civil de Emergencias por Incendios Forestales.

El objetivo de dicho plan es garantizar con el Estado y con las diversas administraciones locales de Aragón, la articulación de medidas para hacer frente a las emergencias por incendios forestales y definir la estructura organizativa y los procedimientos de intervención. Los convenios persiguen una mayor coordinación

FA FUNDACIÓN ESPAÑOLA DE AGRICULTORES Y PESQUEROS

FA FUNDACIÓN ESPAÑOLA DE AGRICULTORES Y PESQUEROS

A FONDO

La laguna de Cañizar revive en pocos meses

HACE MENOS de un año que la laguna de Cañizar, en Tarad, recuperaba sus aguas y ya no ha convertido en un charco de barro con rocas, excepto en los meses de sequía extrema. Este espacio húmedo, desecado en el año 2017, ha sido recuperado por la Confederación Hidrográfica del Ebro y ya a día de hoy se recupera.



Algunos de los pájaros que se ven en la laguna de Cañizar.



CAMPESINOS trabajan en la laguna de Cañizar.



RODRIQUEZ trabaja en la laguna de Cañizar.

En la actualidad, la laguna de Cañizar, en Tarad, se encuentra en un estado de recuperación. El agua ha vuelto a fluir y se han visto a numerosos pájaros, como gansos y cisnes, que regresan a este espacio natural. Los trabajos de mantenimiento y limpieza de las zonas de humedales se están realizando para garantizar la sostenibilidad del ecosistema.

Para visitar y recorrer la laguna

Se puede visitar la laguna de Cañizar a través de rutas guiadas que ofrecen información sobre la flora y fauna local. También se pueden realizar actividades de observación de aves y senderismo por las orillas del agua.

FIRST CONFLICTS

- 3 YEARS OF EXTREME DROUGHT (2015-2018)
- POLITICAL PROBLEMS
- A MOVEMENT ARISES AGAINST THE LAGOON
- COMPETENT PUBLIC INSTITUTIONS IGNORE THE PROBLEM





1. FAKE NEWS

BEGIN TO MOVE FAKE NEWS LIKE

- THE WORKS OF RECOVERY HAVE BROKEN THE FREATIC LEVEL LAYER
- THE LAGOON IS A SPARK THAT ABSORP ALL THE WATER
- LA LAGOON IS BRINGING FEVER FOR MOSQUITOES
- HAVE ELIMINATED HISTORICAL ROADS FOR THE NEIGHBORS
- WE HAVE LOST MANY BUSINESS OPPORTUNITIES WITH LAGUNA (POPLARS, LAND RENT ...)
- THE LAGOON IS GOING TO PROHIBIT HUNTING

2. DESINFORMATION

- THERE IS A GREAT DISINFORMATION WITH MANY THEMES
- EVERYTHING IS RUMORS, BUT WITHOUT TECHNICAL INFORMATION
- SOME POLITICAL PARTIES CHAMPIONS THE DRYING OF THE LAGOON AS ITS MAIN PRINCIPLE POLITICAL ARGUMENT
- ILLEGAL SITUATION OF THE IRRIGATORS





3. LACK OF REAL REGULATION

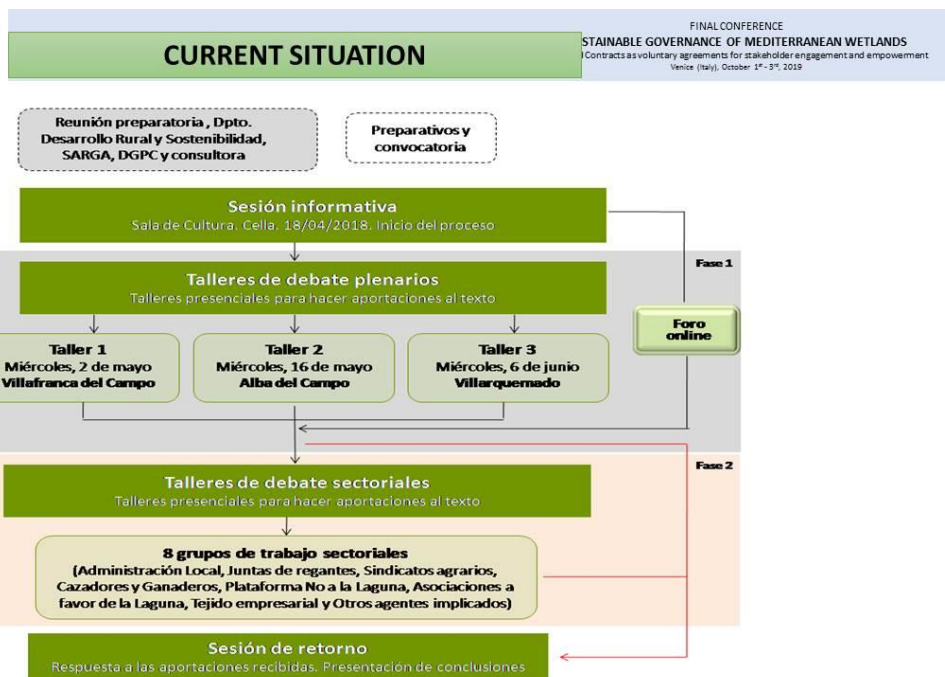
- SINGULAR WETLAND FIGURE IS NOT DEVELOPED
- THE LAGGON DOES NOT HAVE ANY CLEAR FIGURE OF PROTECTION
- THERE IS NO KEY MANAGEMENT ADMINISTRATION



- Mandate of the Cortes de Aragón (2017) that urged the Government of Aragón to open a mediation process that would provide a solution to the conflict situation that had arisen in the territory of Laguna del Cañizar.



Start a process of dialogue, which ensures the participation of all the actors involved, to reach some basic principles of agreement for the future management of the Singular Wetland of Cañizar, which respects and incorporates the interests of all the parties involved.



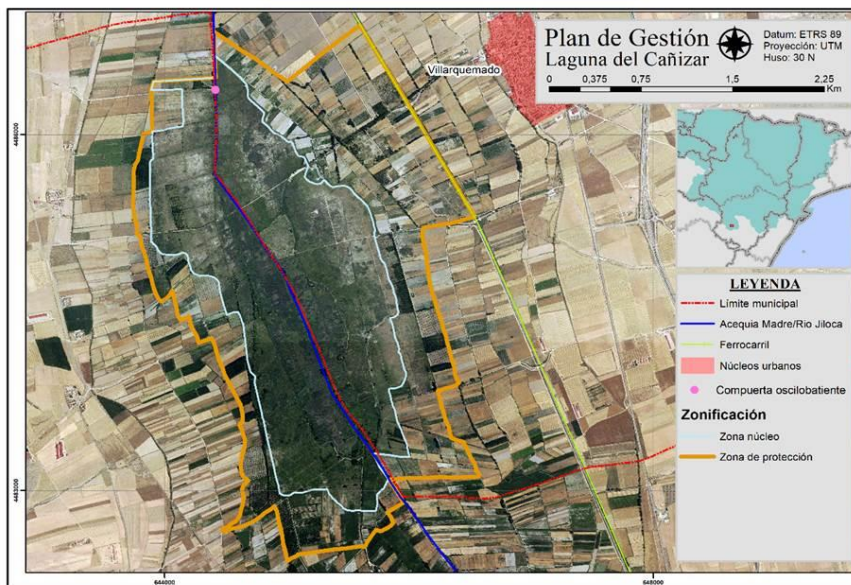
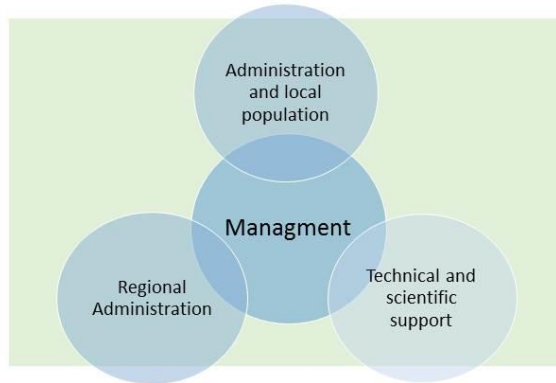
ACHIEVEMENTS OF THE PROCESS

- WITHOUT MOU
 - WITHOUT WETLAND CONTRACT
 - ONLY 3 POINTS AGREED BETWEEN THE STAKEHOLDERS
1. IRRIGATORS FIRST
 2. CONTINUE WITH CITIZEN PARTICIPATION
 3. MANAGEMENT PLAN
- **COMPLETE SUCCESS: IT HAS RETURNED TO DIALOGUE**



MAIN GOAL

Establish the management and planning measures necessary to achieve and maintain a favorable state of conservation of the wetland compatible with the socio-economic activities of the environment.

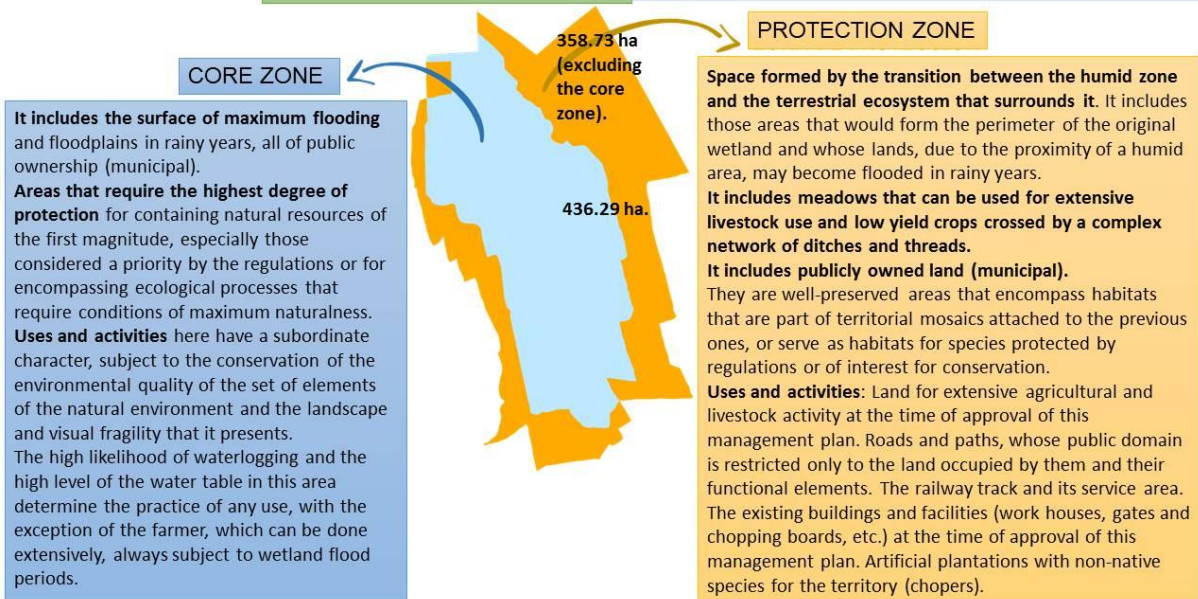


Defined zoning for the Cañizar Lagoon:

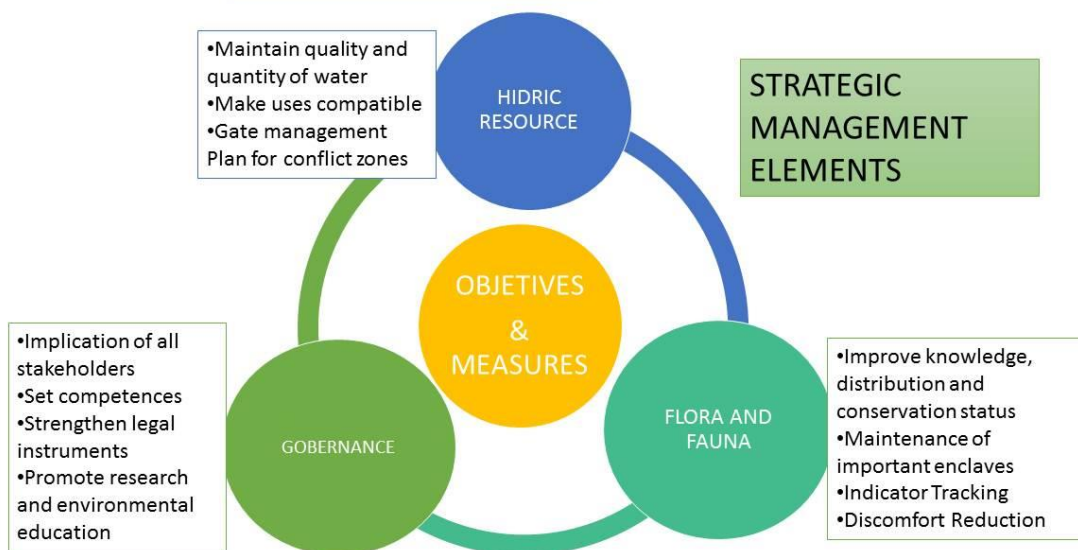
• PROTECTION ZONE

• CORE ZONE

MANAGEMENT PLAN



MANAGEMENT PLAN



MANAGEMENT MEASURES

PLANNING

PARTICIPATION

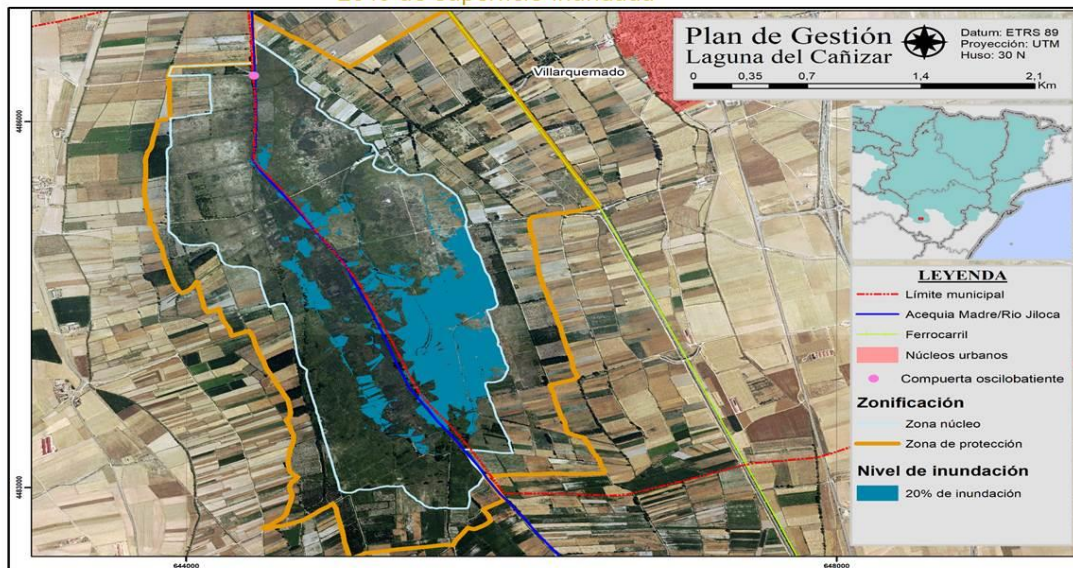
Participatory Meeting

(december-february)

Management measures are established for each strategic element and must be taken into account without prejudice to the given management scenario.

- **HYDROLOGICAL YEAR CATALOG**
 - Dry year (<260 mm / annual)
 - Normal year (between 260 and 350 mm / annual)
 - Rainy year (> 350 mm / annual)
- **VALUE POSSIBLE IRRIGATION DEMANDS**
- **ESTABLISH ONE OF THE THREE MANAGEMENT SCENARIOS**

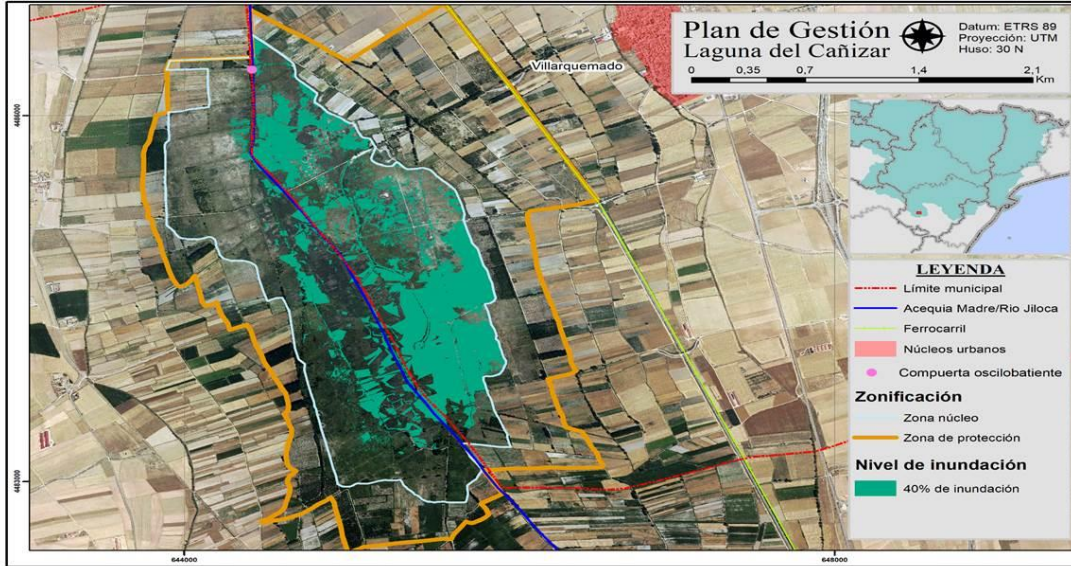
20% de superficie inundada



MANAGEMENT PLAN

FINAL CONFERENCE
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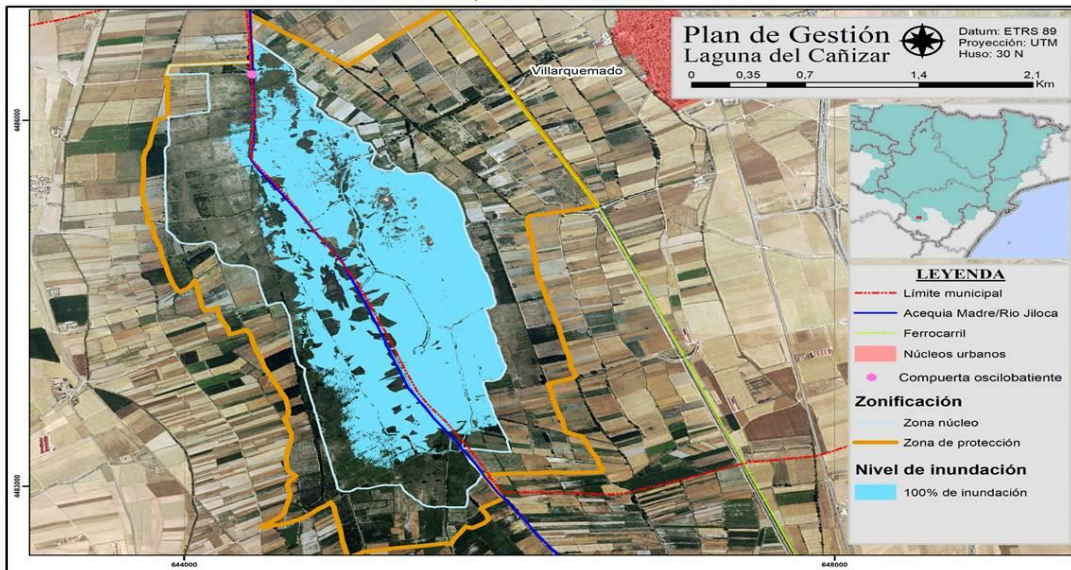
40% de superficie inundada



MANAGEMENT PLAN

FINAL CONFERENCE
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100% de superficie inundada



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STEERING ORGANIZATIONS :



KIND COOPERATION OF :

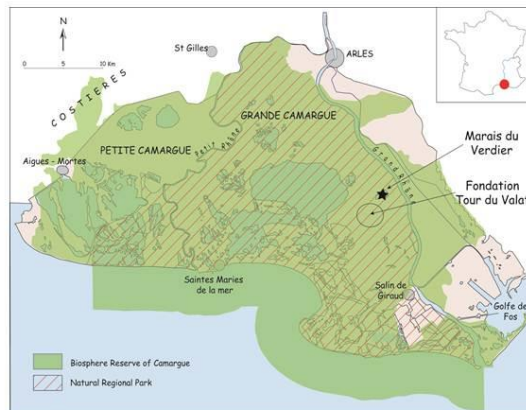


CO-ORGANIZERS :



The Verdier Marshes

Lisa Ernoul
Tour du Valat
Project Manager



A community managed
wetland with multiple uses

Regulatory framework

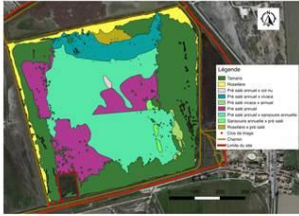
| | |
|--|--|
|  <p>SITE NATURA 2000 « CAMARGUE »</p> <p>Code / N° : — • Zone Spéciale de Conservation (ZSC) FR6001592 • Zone de Protection Spéciale (ZPS) FR6010019 Superficie (en hectare) : 113 460 • 221 082</p> <p>Année de classement : • 2014 • 2003, révisée en 2006 puis 2008</p> <p>Partie du site concerné : Totalité</p> |  <p>Schéma Régional de Cohérence Ecologique (SRCE) et Trame Verte et Bleue (TVB)</p> <p>Partie du site concerné : Totalité du site Année d'approbation : 2014</p> |
|  <p>STRATEGIE REGIONALE BIODIVERSITE PACA</p> <p>Partie du site concerné : Totalité du site Année de signature : 2014</p> |  <p>MARSAR « Convention sur les zones humides »</p> <p>Code / N° : 346 Année de classement : 1996 Superficie (en hectare) : 85 000 Partie du site concerné : Totalité</p> |
|  <p>RÉSERVE DE BIOSPHERE (MAB)</p> <p>Code / N° : — Année de classement : 1977, révisée et élargie en 2006 Partie du site concerné : Totalité (dans l'aire contractée de la Réserve MAB)</p> <p>Superficie (en hectare) : 190000</p> |  <p>PARC NATUREL RÉGIONAL DE CAMARGUE</p> <p>Code / N° : — Année de classement : 1970 Superficie (en hectare) : 88 300 Partie du site concerné : Totalité</p> |
| |  <p>Plan de prévention du risque naturel prévisible inondation (PPRI)</p> <p>Partie du site concerné : Totalité du site Année d'approbation : 2015</p> |

Stakeholder map



| | |
|--|---|
| <p>Satisfy</p> <p>Le Sambuc mayor's office</p> | <p>Actively engage</p> <p>Tour du Valat Marais du Verdier Association Horse owners Hunters Bee keepers</p> |
| <p>Monitor</p> <p>Fishermen Le Sambuc school</p> | <p>Inform</p> <p>Livestock herders Visitors and birdwatchers</p> |

Scientific description



| Wetland ID | Wetland Name | Wetland Type | Wetland Status | Wetland Area (ha) | Wetland Water Table (m) | Wetland Water Table Seasonality | Wetland Water Table Permanence | Wetland Water Table Semi-permanence | Wetland Water Table Temporariness | Wetland Water Table No Data | Wetland Water Table No Classification | Wetland Water Table No Data | Wetland Water Table No Classification |
|------------|--------------|--------------|----------------|-------------------|-------------------------|---------------------------------|--------------------------------|-------------------------------------|-----------------------------------|-----------------------------|---------------------------------------|-----------------------------|---------------------------------------|
| 1 | Wetland 1 | Wetland | Wetland | 10 | 1.5 | Seasonal | Permanent | Semi-permanent | Temporary | No Data | No Classification | No Data | No Classification |
| 2 | Wetland 2 | Wetland | Wetland | 20 | 2.0 | Seasonal | Permanent | Semi-permanent | Temporary | No Data | No Classification | No Data | No Classification |
| 3 | Wetland 3 | Wetland | Wetland | 30 | 2.5 | Seasonal | Permanent | Semi-permanent | Temporary | No Data | No Classification | No Data | No Classification |
| 4 | Wetland 4 | Wetland | Wetland | 40 | 3.0 | Seasonal | Permanent | Semi-permanent | Temporary | No Data | No Classification | No Data | No Classification |
| 5 | Wetland 5 | Wetland | Wetland | 50 | 3.5 | Seasonal | Permanent | Semi-permanent | Temporary | No Data | No Classification | No Data | No Classification |
| 6 | Wetland 6 | Wetland | Wetland | 60 | 4.0 | Seasonal | Permanent | Semi-permanent | Temporary | No Data | No Classification | No Data | No Classification |
| 7 | Wetland 7 | Wetland | Wetland | 70 | 4.5 | Seasonal | Permanent | Semi-permanent | Temporary | No Data | No Classification | No Data | No Classification |
| 8 | Wetland 8 | Wetland | Wetland | 80 | 5.0 | Seasonal | Permanent | Semi-permanent | Temporary | No Data | No Classification | No Data | No Classification |
| 9 | Wetland 9 | Wetland | Wetland | 90 | 5.5 | Seasonal | Permanent | Semi-permanent | Temporary | No Data | No Classification | No Data | No Classification |
| 10 | Wetland 10 | Wetland | Wetland | 100 | 6.0 | Seasonal | Permanent | Semi-permanent | Temporary | No Data | No Classification | No Data | No Classification |

Training and raising awareness



Alternative scenario



Shared vision



A mosaic of wetlands that is representative of the natural environments typical of the Camargue and respectful of the natural water cycles. The site supports community engaged events that stimulate social links and well-being. The site, managed by a village association in a collective spirit and is freely accessible to all.

Wetland contract

Adhésion n° : _____ CARTE D'ADHÉRENT 01/09/2019 AU 31/08/2020
 Nom : _____ Prénom : _____
 Adresse : _____
 Téléphones : _____ Mail : _____
 Mode de règlement : _____ Date de règlement : _____
 Individuelle (10€) Familiale (15€) Autre : _____ Signature : _____



CARTE D'ADHÉRENT
 NOM : _____
 Prénom : _____
 Individuelle : 10€
 Familiale : 15€
 Autre : _____
 Adhérent n° : _____

| ORIENTED SCENARIO | | | |
|------------------------------------|--|--|---|
| Strategic area | Objectives | Measure | Risks |
| G. GOVERNANCE | OG1. A site managed by a local village association | The local association has a minimum number of members that can support the activities. | Rotation of activities responsibilities by members. |
| | OG2. The village association is run in a collective spirit. | The activities are not conducted individually, but are implemented by a group. | Workdays are scheduled and attended by members. |
| E. ENVIRONMENT | OE1. A mosaic of typical Camargue wetlands rich in biodiversity. | Grazing activities and invasive species control must be implemented and monitored. | Cattle grazing, horse grazing, control of young invasive plants, yearly habitat monitoring. |
| | OE2. The site is managed in a way to respect the natural Mediterranean cycles. | Limited water pumping into the site. | Organize water pumping schedules with hunting and grazing activities. |
| D. ECONOMIC AND SOCIAL DEVELOPMENT | OD1. A site that promotes social links and well-being. | Create new activities to increase interest in the site (artistic, educational) | Edible plant collection, making natural cosmetics, training on bird calls... |
| | OD2. The site is freely accessible to all. | Local community members and outside people visit the site. | Increase the signs and visual communication for the site. |

Une mosaïque de zones humides camarguaises riches pour leur biodiversité, gérées de manière douce et respectant les cycles naturels. Le site est un support de multi-usages et d'événements concertés qui favorisent le lien social et le bien-être.

Action Plan



« Une mosaïque de zones humides camarguaises remarquables par leur biodiversité, gérées collectivement en respectant les cycles naturels. Le site est un support de multi-usages et d'événements concertés qui favorisent le lien social et le bien-être. »

Chaque premier jeudi du mois à 18h :
réunion mensuelle au Cabanon

es activités soumises aux aléas
:imatiques peuvent être décalées ou
inulées.

nscriptions obligatoires 3 jours avant
our les CHANTIERES et ANIMATIONS :
MS : 06 77 52 69 88
-mail : nicole.yavercovski@orange.fr
-mail : pascal.parisot13@laposte.net

Calendrier 2019 – 2^e semestre

| Septembre | Octobre | Novembre | Décembre |
|-----------|---------|----------|----------|
| 1 D | 1 M | 1 V | 1 D |
| 2 L | 2 M | 2 S | 2 L |
| 3 M | 3 J | 3 D | 3 M |
| 4 M | 4 V | 4 L | 4 M |
| 5 J | 5 S | 5 M | 5 J |
| 6 V | 6 D | 6 M | 6 V |
| 7 S | 7 L | 7 J | 7 S |
| 8 D | 8 M | 8 V | 8 D |
| 9 L | 9 M | 9 S | 9 L |
| 10 M | 10 J | 10 D | 10 M |
| 11 M | 11 V | 11 L | 11 M |
| 12 J | 12 S | 12 M | 12 J |
| 13 V | 13 D | 13 M | 13 V |
| 14 S | 14 L | 14 J | 14 S |
| 15 D | 15 M | 15 V | 15 D |
| 16 L | 16 M | 16 S | 16 L |
| 17 M | 17 J | 17 D | 17 M |
| 18 M | 18 V | 18 L | 18 M |
| 19 J | 19 S | 19 M | 19 J |
| 20 V | 20 D | 20 M | 20 V |
| 21 S | 21 L | 21 J | 21 S |
| 22 D | 22 M | 22 V | 22 D |
| 23 L | 23 M | 23 S | 23 L |
| 24 M | 24 J | 24 D | 24 M |
| 25 M | 25 V | 25 L | 25 M |
| 26 J | 26 S | 26 M | 26 J |
| 27 V | 27 D | 27 M | 27 V |
| 28 S | 28 L | 28 J | 28 S |
| 29 D | 29 M | 29 V | 29 D |
| 30 L | 30 M | 30 S | 30 L |
| 31 J | | | 31 M |

Successes and difficulties

- Strong implication of local actors
- Previous experience with wetland contracts and participative processes
- Renewed interest and activities for the site
- Accommodates the local interests of the participants
- Limited geographic scope
- Very small community and potential participants

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CO-ORGANIZERS :



KIND COOPERATION OF :



MELIDES LAGOON WETLAND

Ana Catita
 RCDI
 Project Manager

MELIDES LAGOON
 Alentejo Litoral, Portugal



<http://www.skyscrapercity.com/showthread.php?p=51075321>

MELIDES LAGOON

Municipality of Grândola, Alentejo
(38°08'N; 08°47'W).

Coastal lagoon

Brackish water

Depth: 2 meters average

Lagoon surface: 30 to 40 hectares

Protection schemes:

- Natura 2000 network - part of the Comporta/Galé Site (PTCON0034) / Habitats Directive.
- National Ecological Network (REN), a national protection scheme focused on the water cycle.
- National Agriculture Reserve (RAN): floodplain/rice fields.



MELIDES LAGOON

Catchment basin: 6 500 hectares

Permanent water plan: 40 to 30 hectares

Dune : < 500 meters

Total wetland surface: aprox. 400 hectares



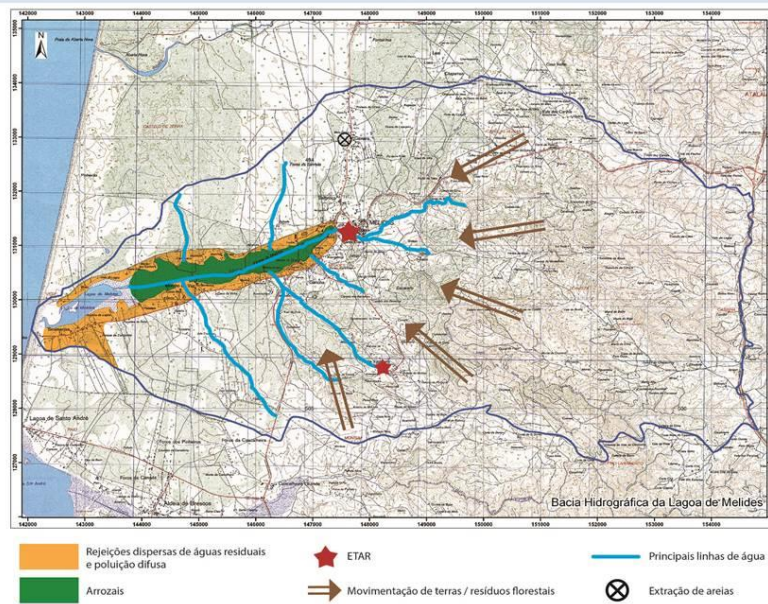
Breaching of the Lagoon

The lagoon "goes to the sea", an ancient practice for ecological regeneration

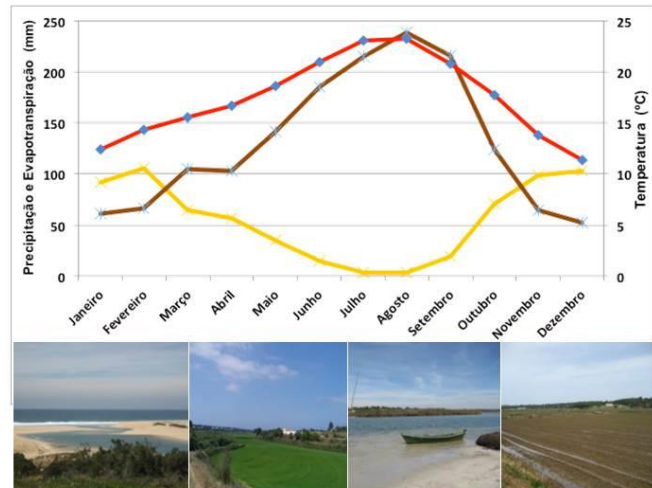
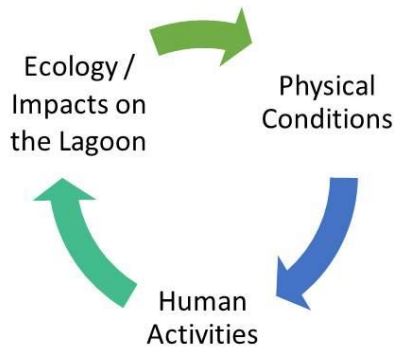
Fotos by APA (ARH Alentejo)

Human Pressures

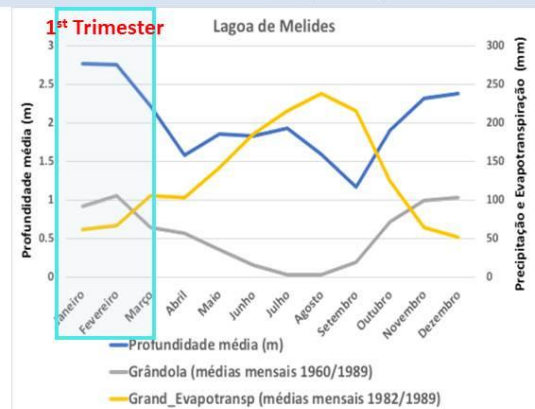
- Wastewater discharges (urban-tourism occupation)
- Diffuse pollution (agriculture and small livestock)
- Rice farming
- WWTP
- Soil moving /land clearing
- Water creeks: no maintenance /deterioration, elimination of riparian galleries.



The Calendar of the Lagoon

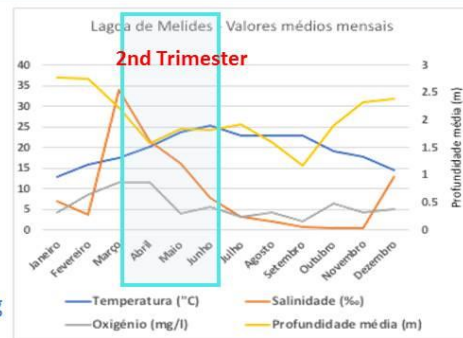


Rice farming: fallow
Tourism: low season; some services closed
Residential occupation: low
Lagoon: high water flow



- ❖ Reduction of salinity
- ❖ Entry of materials > surface runoff
- ❖ Fish: colonization by species of continental affinities
- ❖ Birds: presence of wintering birds; spring migration to north

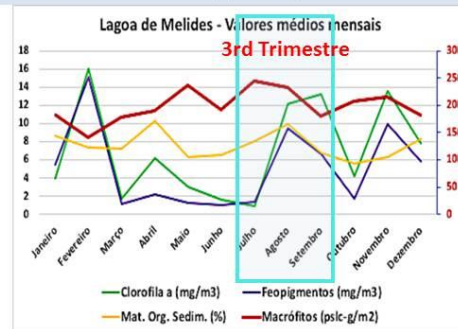
APR/MAY/JUN



Rice Farming: preparation of land, fertilization, sowing and flooding
 Tourism: resumption of activity; services still low
 Residential occupation: low
 Increasing Temperature and Evaporation: Dissolved O2 decreases
 Opening to the sea: removal of nutrients and other materials; eutrophication increasing

- ❖ Variation of salinity levels with changes in biological communities
- ❖ Colonization by species of marine affinities ("renewal of the marine stock")
- ❖ Migratory/marine colonizers. Ex: eel (*Anguilla anguilla*), threatened species (IUNC - Red List)

JUL/AUG/SEP

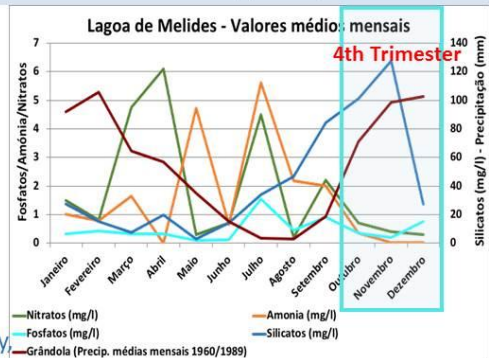


Rice farming: high activity
 Tourism: high season; services in full operation
 Residential occupation: high
 High temperatures; very high evaporation; O2 dissolved: minimum values
 Water volume: minimum by the end of summer
 Anoxia situations

- ❖ High plant biomass (macrophytes and phytoplankton) - occasional dystrophic crises
- ❖ Decline of the fauna that colonized the lagoon after the opening to the sea
- ❖ Small number of taxa, depending on the salinity values, in the groups of "lagoon-marine" or "lagoon-continental" species



Rice farming: fallow
Tourism: low season; services closed
Residential occupation: low
Rainy season; low evaporation; water volume may increase rapidly with natural rupture of the dune barrier; frequent oceanic galleys
Accumulation of organic matter



- ❖ Peaks of vegetal biomass (oligohaline species of macrophytes and phytoplankton)
- ❖ Recolonization by species with higher continental affinities; reduction of species of marine affinities
- ❖ Period of intense passage of migratory birds and beginning of the establishment of wintering species

STRENGTHS



1. Quality of the ecosystems / lagoon habitat of priority value / Natura Network site.
2. Landscape quality / scenic value / low degree of human intervention.
3. Permanent water body with superficial and ground sources; complementarity (structural and functional) of the lagoon with the beach and the sea.
4. Moderate climate, favourable for all year round tourism.
5. Birds migrating routes.
6. Production of high quality rice.
7. Low population density; moderate tourism occupation, based on rural tourism, nature and beach; equipped and supervised beach.
8. Favourable accessibility (good roads, proximity to Lisbon).
9. Water and land use management regulation.
10. Local population and institutions awareness on the value of the Lagoon.
11. Archaeological heritage.
12. Studies and academic work on the quality of water, the ecosystems and the physical factors that influence the lagoon environment.

WEAKNESSES



1. Annual variation of the water quality (combin. natural and anthropogenic processes).
2. Risk of alluviation and eutrophication of the lagoon due to natural processes.
3. Lack of domestic wastewater treatment in the lagoon surrounding area.
4. Illegal residential occupation in the south bank.
5. Seasonal tourism demand ; intensity of tourist occupation in the high season (very high occupancy rates in the camping site).
6. Poor quality of tourism offer; low level of equipment and services to support tourism.
7. Intensive agriculture in the floodplain and the banks of the Lagoon, use of chemical products.
8. Prohibition of fishing (lack of regulation).
9. Unfavourable demographics: population decline and aging of the resident population.
- 10.No interaction of local actors; no coordination of entities and regional institutions.
- 11.Inadequate agricultural practices in the lagoon catchment area.
- 12.No maintenance of the water creeks in the river basin.

OPPORTUNITIES

1. Growing demand for nature observation activities; complementarity with the surrounding region.
2. Trend of tourism growth at national and regional level in the coming years.
3. Financial support provided by Community funds (Portugal 2030).
4. Increasing public awareness about nature conservation, environmental protection and the effects of climate change.
5. Favourable context of the national economy for development (entrepreneurship, territorial valorisation).



THREATS

1. Climate change (drought, extreme phenomena).
2. Risk of reduction or disappearance of the *montado*.
3. Public debt (financial limitations on public investment at national and regional level).
4. Weak economic and business dynamism in the region.
5. Risk of mass tourism in the region.
6. Growth of residential demand in rural areas.



STAKEHOLDERS by type



STAKEHOLDERS - PUBLIC

| Scope | Organisation | Participation in the collaborative process |
|-----------------------------|--|--|
| Local Administration (2) | Grândola Municipal Council | Yes; partnership with RCDI |
| | Melides Parish Authority | Yes |
| Regional Administration (7) | Portuguese Environment Agency - Alentejo Hydrological Region | Yes |
| | Institute for Nature and Biodiversity Conservation - Alentejo Department | Yes |
| | Alentejo Public Water Authority (sanitation) | Yes |
| | Alentejo Regional Development & Planning Commission | Yes |
| | Alentejo Agriculture and Fisheries Regional Directorate | Yes |
| | Alentejo Tourism Body | Yes |
| | Regional Tourism Promotion Agency | Yes |

STAKEHOLDERS - PRIVATE

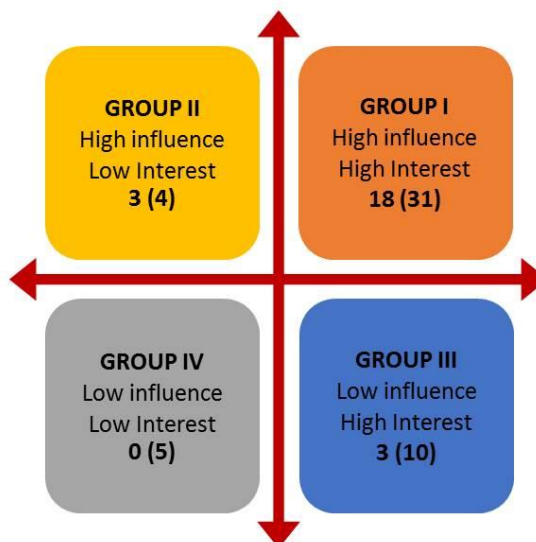
| Scope | Organisation | Participation in the collaborative process |
|---|--|--|
| Local business | Rice farmers (12) | Yes; at least 2 representatives |
| | Tourism operators (14) | Yes, only 4 permanent |
| | Camping site (1) | Yes |
| | Environmental projects (1) | Yes/no |
| Private no profit, business support | Fishermen and hunters association (2) | Yes |
| | Cultural associations (2) | No |
| | Birdwatching project (BioMelides) | No |
| | Local environmental organization (Sea Brigade) | No |
| | Regional environmental NGO (Quercus) | No |
| | Montado farmers association (AAG) | No |
| | Regional development association (ADL) | No |
| Biological production association (AGROBIO) | No | |

STAKEHOLDERS – RESEARCH

| Scope | Organisation | Participation in the collaborative process |
|----------------------|--|--|
| Research Centres (3) | MARE - Marine and Environmental Sciences Centre (University of Lisbon) | Yes |
| | IDL – Research Centre of the Sciences Faculty (University of Lisbon) | No |
| | LNEC – Civil Engineering National Laboratory | No |

STAKEHOLDERS - participation

Total identified: 50 stakeholders
Participation: average 20 (40%)



STAKEHOLDERS – Involvement

| | |
|---|--|
| Context Analysis | <ul style="list-style-type: none"> • Library research and analysis of existing documentation • Individual meetings with selected stakeholders to assess relevance and interest • 1 Group meeting with farmers • 1 Group meeting with tourism operators |
| Stakeholders' expectations | <ul style="list-style-type: none"> • 1st General Assembly of Stakeholders (presentation of the project; SWOT of the pilot area) |
| Building, sharing and assessing alternative intervention scenarios | <ul style="list-style-type: none"> • 16 Individual meetings (stakeholders) • 2 Group meetings (farmers, tourism) • 2nd General Assembly of Stakeholders (discussing and selecting interventions) |
| From possible interventions to the Action Plan: negotiation! | <ul style="list-style-type: none"> • 3rd, 4th, 5th General Assembly of Stakeholders (discussing the action plan) • Public consultation for 4 weeks • Individual meetings |

STAKEHOLDERS – Involvement

| | |
|--|---|
| Local Conference 17 June 2019 33 Participants | <ul style="list-style-type: none"> • Presentations: <ul style="list-style-type: none"> • Coastal lagoons: is conservation a matter of governance? • The collaborative process of WetNet • The Environmental Agreement as territorial governance tool • Round table with key stakeholders • Subscription of the Melides Lagoon Wetland Environmental Agreement: 17 stakeholders |
|--|---|

Main Issues

- Natural processes + climate change
- Sanitation
- Rice production (not completely environment friendly)
- Agricultural practices in the catchment area
- Fragmented, low quality tourism
- “Distance” between local actors and decision makers

Shared Vision

- ❖ A balanced ecosystem; an attractive and functional water body.
- ❖ A landscape of high scenic value and rich in biodiversity.
- ❖ Tourism development of the Lagoon with leisure activities and nature sports.
- ❖ A zone of interest for birdwatching and other all year round nature activities.
- ❖ Economic and environmentally sustainable rice farming, combined with tourism.

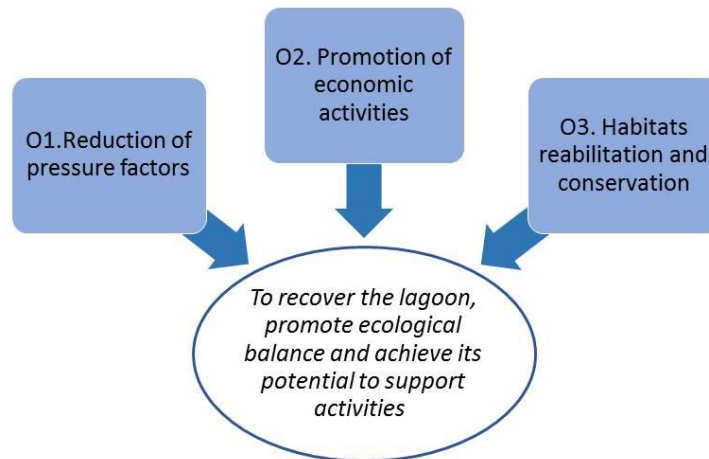
Common Purpose

To recover the lagoon, promote ecological balance and achieve its full potential to support activities.

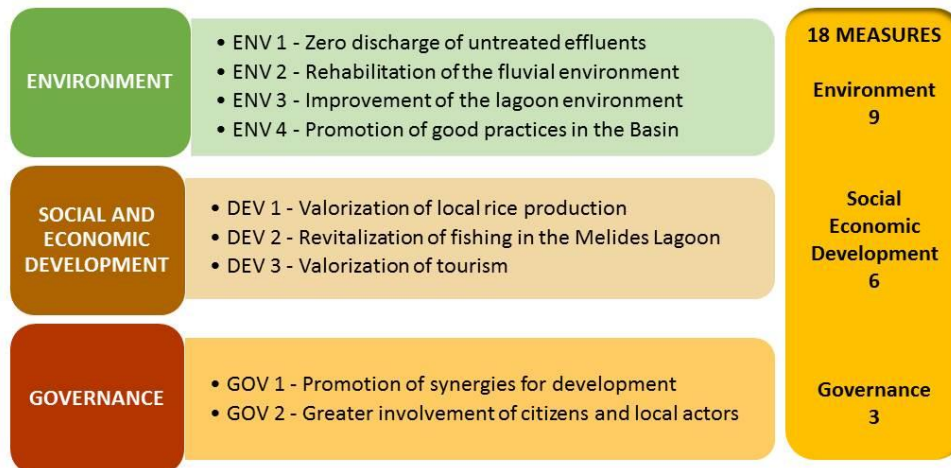


MELIDES, a living lagoon!
MELIDES, uma Lagoa com vida!

General Objectives



Specific Goals / Measures



FINAL CONFERENCE

SUSTAINABLE GOVERNANCE OF MEDITERRANEAN WETLANDS

Wetland Contracts as voluntary agreements for stakeholder engagement and empowerment

Venice (Italy), October 1st – 3rd, 2019

STEERING ORGANIZATIONS :



CO-ORGANIZERS :

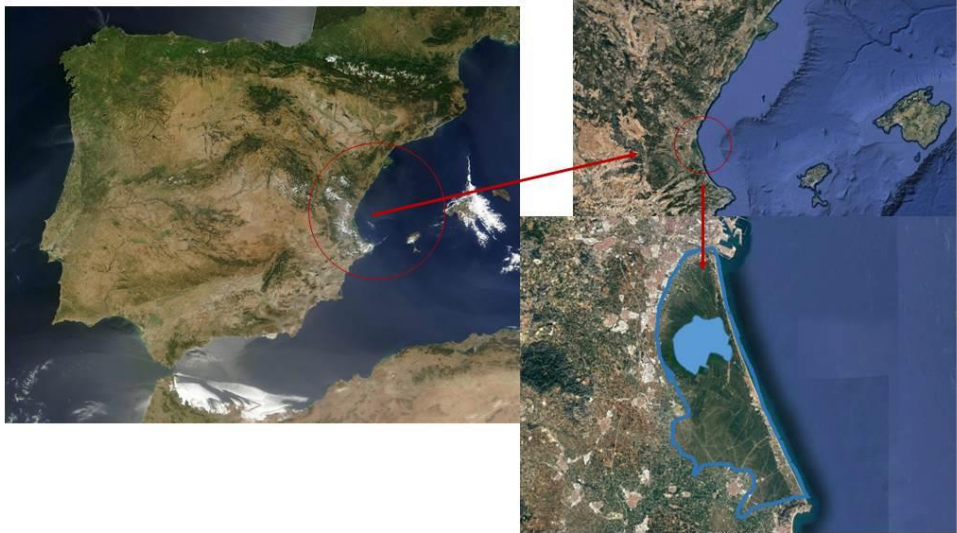


KIND COOPERATION OF :



**WETLAND CONTRACT IMPLEMENTATION
IN L'ALBUFERA DE VALENCIA (SPAIN)**

Pablo Vera
SEO/BirdLife
Project Officer





MAJOR CONSERVATION CONCERN VALUES

Habitats Directive 92/43/CEE include 16 habitats which are present in this wetland. Five of them are considered as priority for conservation:

- 1120(*) *Posidonia oceanica* beds
- 1150(*) Coastal lagoons
- 2250(*) Coastal dunes with *Juniperus* spp.
- 3170(*) Mediterranean temporary ponds
- 7210(*) Calcareous fens with *Cladium mariscus* and species of the *Caricion davallianae*



In the Valencia Region Albufera represents 2% of the coastal lagoons habitat and more than 15% of the "calcareous oligo-mesotrophic ponds". Albufera hosts **several endemic plants**

populations (such as *Limonium dufourii*, *Limonium albuferae*, *Thalictrum maritimum*, etc.) and threatened plants (*Juniperus oxycedrus* subsp. *macrocarpa*, *Kosteletzkya pentacarpos*, etc.). Several, little springs host endemic, threatened **samaruc** (*Valencia hispanica*) populations. From the birds listed in Bird Directive Annex I, 20 species have regular breeding grounds 13 regular wintering populations. In the Valencia Region, of these species Albufera host their best populations: Sandwich Tern (99,6%), Gull-billed Tern (96,4%) and Little Egrett (96,5%).



ACTIVITIES
 Agriculture (ricefields)
 Fishing
 Gastronomy
 Tourism

PRESSURES
 Water quality
 Water quantity
 Agricultural intensification
 Water management
 Hunting
 Infrastructures
 Uncontrolled visitors



Why to implement a governance process?

- Many public bodies have competences in the wetland management (i.e. for water management: River Basin Authority, Environment Regional Council and Agriculture Regional Council, Irrigation communities, 13 towns and sewage treatment entities)
- Lack of coordination mechanisms: The Uses and Management Plan does not establish any competence to coordinate all the entities implicated in water management issues
- Common interests of users have not been identified as confrontations have been usual.

Why to adopt such kind of tool?

It is difficult that administrations create coordination mechanisms with the actual normative.
 It is needed to collaborative work between administrations within their competences
 It is crucial to create knowledge transferring tools and identify common, synergic but also opposite stakes
 Arising demand of effective governance in management

Wetland contract implementation strategy

Role of SEO/BirdLife in the Wetland Contact process

Alliances with national/regional administration

Synergies with Regional Planification Tools (River Basin Plan and Natura 2000 MP)

Setting the floor for ensuring governance approach after WETNET



STEPPING FORWARD THE WETLAND CONTRACT

Starting point: Albufera's wetland governance conference

Scenarios assessment.

Trend scenario: what do people feel about Albufera in the future?

Oriented scenario: Albufera's Special Plan, an agreement document on water management signed by the most relevant public bodies.



STEPPING FORWARD THE WETLAND CONTRACT

Stakeholder involvement

- Multirole stakeholders. How can we separate their personalities?
- Expectations management. Bringing them back to the faith
- Stakeholders relevant but not interested. How to engage them?



STEPPING FORWARD THE WETLAND CONTRACT

Materials development to ease the work

- Pannel desing with measures identified in the first territorial labs
- Definition of positions and involvement



| WETNET | | E.2 MEDIO AMBIENTE | | | | |
|--|--|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| E.2 MEDIO AMBIENTE | | NO ESTÁ DE ACUERDO PORQUE... | SE ESTÁ DE ACUERDO PORQUE... | SE ESTÁ DE ACUERDO PORQUE... | SE ESTÁ DE ACUERDO PORQUE... | SE ESTÁ DE ACUERDO PORQUE... |
| 2.1. TENDENCIA DE LA CAPACIDAD DE LOS RECURSOS HÍDRICOS | | NO ESTÁ DE ACUERDO PORQUE... | SE ESTÁ DE ACUERDO PORQUE... | SE ESTÁ DE ACUERDO PORQUE... | SE ESTÁ DE ACUERDO PORQUE... | SE ESTÁ DE ACUERDO PORQUE... |
| Definición inapropiada de los límites para el uso de los recursos hídricos | | | | | | |
| Falta de verificación de los datos sobre el estado de los recursos hídricos | | | | | | |
| Falta de las prácticas agroambientales | | | | | | |
| Apoyar a la agricultura del sector hídrico | | | | | | |
| Mejorar y establecer de los procedimientos de seguimiento de los recursos hídricos | | | | | | |

STEPPING FORWARD THE WETLAND CONTRACT



Finding consensus in the measures

| E.1 GOBERNANZA | | GRADO DE IMPORTANCIA | |
|---|-----------------------------|--|---|
| Centro de información virtual | Grado de importancia: Alto | "Que está un servicio de avisos de emergencia temporal (inundación, etc.)" | "Es importante aglutinar información relevante coordinada" |
| Órgano de gestión del humedal | Grado de importancia: Medio | "Información en tiempo real actualizada" | "Nuestra implicación podría ser aportando información y conocimiento" |
| Consejos sectoriales y coordinación (Municipios, comunidades de regantes, asociaciones, etc.) | Grado de importancia: Medio | "Sostenencia al mismo nivel" | "Halla de música en el órgano actual" |
| Comité científico | Grado de importancia: Medio | "Representatividad inclusiva" | "Seguro multiparticipativo con audiencias" |
| Proyección exterior | Grado de importancia: Medio | "Se podría crear un órgano facilitador (ej. fundación)" | "Que sea realmente efectivo y respetuosos acuerdos pactados" |
| Aprobación de instrumentos ambientales (PRUG, PORN, RINzoos) | Grado de importancia: Medio | "Tiene que existir estructura alderación, sistema de formación para poder desarrollar una mejor gestión" | "Mejor sería establecer una estructura jurídica y otros protocolos de acción y llegar a establecer pactos de intenciones" |
| Aprobación Plan Especial | Grado de importancia: Medio | "Sería interesante crear un comité científico Wetup" | |

Centro de información virtual

Existe esta situación en cuanto a herramienta de comunicación e información como podría ser un centro de información o espacio virtual donde se reciba toda la información relevante a la huera / es importante aglutinar información de manera coordinada (IAM), que pudiera ofrecer información en tiempo real a través de las propias gestiones del humedal (Barridos, Inspecciones, alertas, etc.) o "aportar información de referencia (IA) y por tanto además de recibir información podría estar implicación de las partes (participación interactiva). Este consenso se ve condicionado a que sea un centro independiente (IAI) que aporte información interactiva online, y que se cree "sólo si hay evidencia de necesidad y presupuesto" (EPI).

Órgano de gestión

No habría alineación puesto que no todos los grupos están de acuerdo, algunos coinciden en la gobernanza (institucional), un espacio de consenso, en cambio otros muestran dudas y reticencias respecto a que este órgano pudiera tener un poder decisorio, sobre todo entre los órganos que gestionan el agua (Junta de Decagía, Comunidades de Regantes, etc.).

STEPPING FORWARD THE WETLAND CONTRACT



The concrete measures included in the Wetland Contract and how they are spelled are issues being discussed at this moment in the territorial labs

- ACTIONS IDENTIFIED RELATED WITH AN OPERATIONAL OBJECTIVE OF WATER QUALITY IMPROVEMENT:
 - Improvement of agri-environmental practices
 - Ensuring an additional contribution to l'Albufera of water from the Júcar-Túria system through rapid flushing technical discharges
 - Improve and adapt existing sanitation infrastructure, especially those oriented to the West Collector
 - Increase the proportion of water inputs to l'Albufera from rivers with respect to the water inputs from sewage and treatments plants
 - Restoration and improvement of connections from natural springs.
 - Land purchase and restoration aiming the increase of green filters and artificial wetlands around the lagoon.

STEPPING FORWARD THE WETLAND CONTRACT



The concrete measures included in the Wetland Contract and how they are spelled are issues being discussed at this moment in the territorial labs

- ACTIONS IDENTIFIED RELATED WITH AN OPERATIONAL OBJECTIVE OF INCREASE AMOUNT OF WATER:
 - Improvement of the winter flood conditions and maintenance.
 - Improvement of the management of the lagoon gates to maintain adequate levels.
 - Establish a protocol for the use of the ditches of the Sueca Irrigators Community to connect the Sueca irrigation system to the lagoon out of the rice growing season.
 - Adaptation and maintenance of public irrigation systems for the contribution of water to the wetland
 - Definition of environmental objectives and indicators and monitoring program.

STEPPING FORWARD THE WETLAND CONTRACT



The concrete measures included in the Wetland Contract and how they are spelled are issues being discussed at this moment in the territorial labs

Governance actions,

- Promotion of meeting and consultation spaces, such as the creation of a virtual information center accesible to all stakeholders
- Improvement of coordination with irrigation communities, fishermen's associations and other groups involved;
- The creation of a more inclusive wetland management body.
- The approval of the legal management instruments: plans related to the Water Framework Directive (Júcar River Basin Plan) and the Nature Directives (Natura 2000 SAC).

SPREADING THE WORD

Opportunity in the river basin new territorial planning to include Wetland Contracts as concrete governance tools for each wetland

Introduction in the Júcar River Basin Plan in the governance section of “Relevant Issues Scheme”

To come: Technical meeting in the Water General Direction (Environment Ministry) with River Basin Authorities officers and other national stakeholders to assess the introduction of WC in the regulation

LESSONS LEARNT

- The complicated role of “interested” stakeholder leading the process
- Involvement of relevant public bodies to legitimate the process
- Expectative management
- To be in the right moment in the right place
 - Elections and change of local governments.
 - Sad news switching on happy news. Motivation

FINAL CONFERENCE
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STEERING ORGANIZATIONS :



CO-ORGANIZERS :

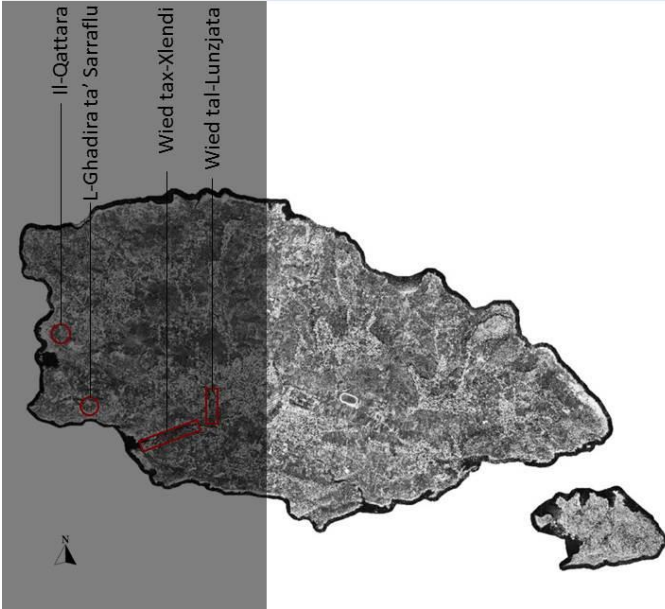


KIND COOPERATION OF :



Actions for the Gozitan pilot area

Stephen Micallef
 GRC



Partner
 GRC - Gozo Regional Committee (MT)

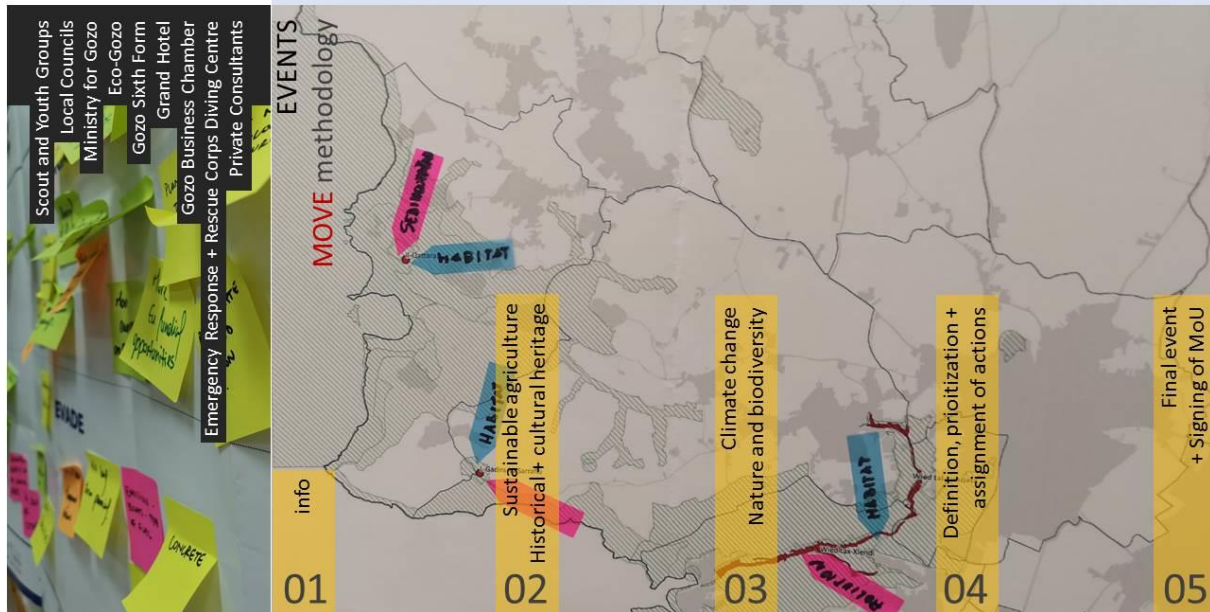
Pilot area
 Island of Gozo – Malta

- **Il-Qattara:** Lake | Perennial water pool, with fluctuations in water level from wet to dry season
- **L-Ghadira ta' Sarrafu:** Lake | Water levels fall substantially after the dry season
- **Wied tal-Lunzjata:** River | Water present throughout the year, forming disconnected pools in the lower and upper reaches as the dry season progresses









Set up a monitoring plan for each site



02 Appoint a management committee for each site including stakeholders active/present in the area.

Stakeholders participate actively in the management of the site and in decisions that affect them or their property

Gozo Farmers' Cooperative + relevant local councils



03 Hold information meetings, set up interpretation panels on site, use social media as an educational tool.





Training of farmers to ensure they understand the implications of rules (Sustainable Use of Pesticides Directive 2009/128/EC, Nitrates Directive 91/676/EEC) and the problems that will result if they are not followed.



Plant new trees characteristic of the targeted habitats





Eradication of Rana Bedriagae



MINISTRY FOR GOZO



Intensive removal of Gambusia Affinis



MINISTRY FOR GOZO



Frequent monitoring detecting new alien species to be dealt with immediately

Awareness raising on the adverse impacts of releasing alien species in the environment



Ensure local site-specific chemical monitoring is ongoing and that it is effective



MINISTRY FOR GOZO



Ensure that farmers are using the correct water saving techniques and practices in the management of agricultural land.

Water seepage areas may be introduced.

No further land is sealed by tarmac/concrete or other hard and impenetrable surfaces.

Wells, cisterns and reservoirs are maintained well, old ones are restored, and new ones are constructed



MINISTRY FOR GOZO



Restoration of rubble walls

eco
gozo
a better gozo



Government, Local Authorities and Stakeholders identify and implement strategies to attract quality tourism to the sites rather than mass tourism, thus obtaining better business through smaller numbers



Promote agricultural practices to limit nutrient and pesticide inputs





Promotion of organic farming



MINISTRY FOR GOZO



Branding and certification of local agricultural products from the areas (viniculture and eco-gastronomy)





Synergies between the farming enterprises, land owners, government, local councils, and the touristic accommodation sector (agro-tourism)



PROVINCE OF VERCELLI (C. Merani - R. Pagano)

FINAL CONFERENCE
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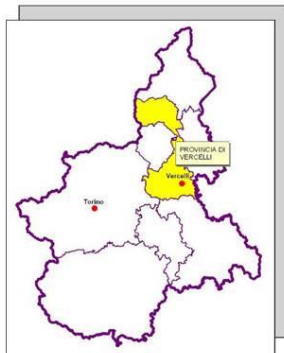
KIND COOPERATION OF :



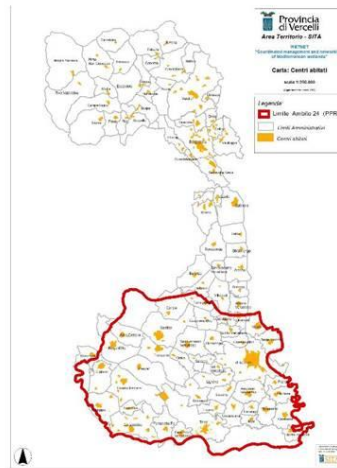
THE WETLAND CONTRACT OF VERCELLI LOWPLAIN
Cristiana Merani – Raffaella Pagano
 Province of Vercelli
 Territorial Planning Office – Europe Office



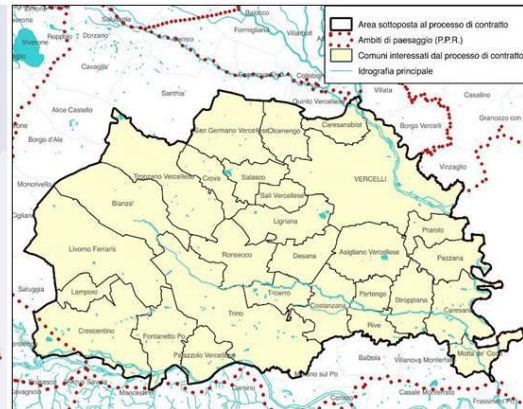
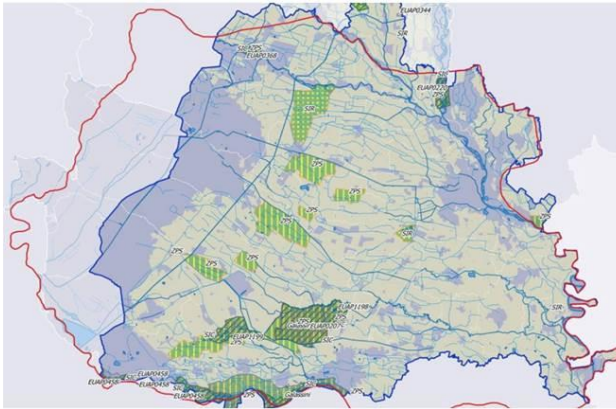
Italy. In orange Regione Piemonte



Regione Piemonte – in yellow
Provincia di Vercelli



Provincia di Vercelli – in red
the project area



PROJECT AREA

Pilot project area corresponds to “ambito 24” defined by Regional Landscape Plan (Piano Paesaggistico Regionale PPR). This area has an extension of 978,87 Km² corresponding to the 46% of the provincial area and occupies the south portion. The whole province includes 86 municipalities, 28 of which are part of the project area. The province has 174.391 inhabitants, about to 70%, residing in the study area.



FLODDED RICE FIELD

Vercelli is “the land of water”. Over the centuries man set up a dense network of artificial waterways. Water guarantees crops irrigation and the monoculture of the rice fields, cultivated mainly in **SUBMERGED CULTURE**.

Agricultural system: the rice field monoculture



MATURE RICE FIELDS

The Nature Network 2000

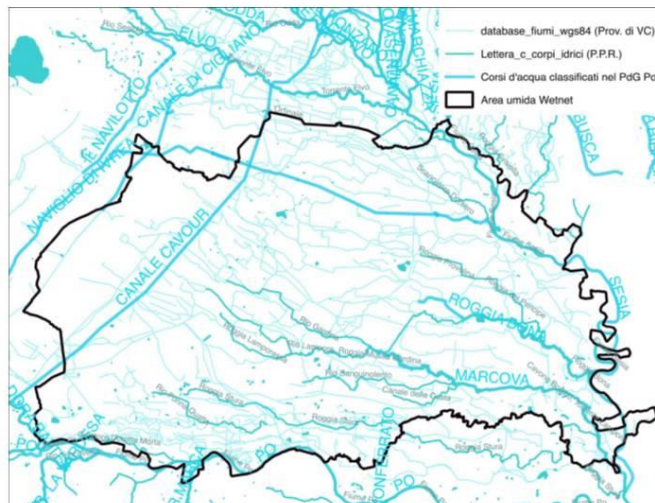
An important network of **Natura 2000 sites** and protected areas, such as:

- the Parco del Po (river wetland)
- the Bosco delle Sorti della Partecipanza (woodland wetland)
- the rice fields of Vercelli (artificial wetlands)
- the Gigante Fountain, the marshes of San Genuario and San Silvestro (natural wetlands)



The Water Network

An articulated **system of canals and water ways** that guarantees crops irrigation and rice cultivation. There is also a dense natural and artificial network of smaller waterways



The springs

**Springs and resurgences -
underground water circulation**
penetrated into the ground in
alpine and pre-Alpine areas
and give rise to **resurgences
and springs.**



The Regione Piemonte Guidelines

Provincia di Vercelli with WETNET Project intends to sign a "**wetland contract**" through the involvement of local actors (municipalities, public bodies, sectorial agencies) and all interested stakeholders active in the **target areas**.

Regione Piemonte provided **guidelines** for the construction of river/lake contracts.

Provincia di Vercelli with the WETNET Project follows the procedures indicated by the guidelines and **APPLIES THEM TO A WETLAND FOR THE FIRST TIME.**

THE MAIN PHASES

FASE 1 – START UP

- Cognitive analysis of the territory
- Involvement of the main subject
- Drafting of the preliminary dossier and agreement

FASE 2 – ACTIVATION

- Involvement of private subject, communication and information activities of the population
- Draft of an action plan and SEA (Strategic environmental assessment)
- If SEA has a positive outcome – signet of contract of wetland

The guidelines foresee the following Management Structure:

Management Board

Composed by institutional stakeholders:
INSTITUTIONAL and COORDINATION functions



- Piemonte Region
- Basin Authority
- Province of Vercelli
- Common
- Park Authorities

Basin Assembly

Composed by the actors engaged in the focus groups:
PARTICIPATION functions

Technical Secretariat

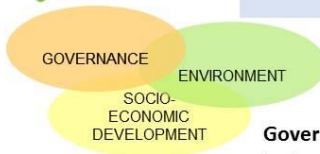
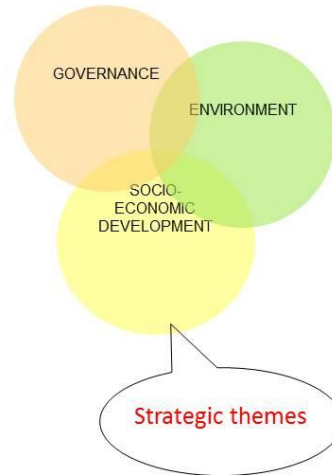
Composed by technical experts:
TECHNICAL and OPERATIVE functions.



- **Project Staff** - Province of Vercelli (Environment, Planning)
- **Piedmont Eastern University**
- **ARPA** - Regional Agency for Environmental Protection
- **Park of the Vercellese-Alessandrino Po**
- **IPLA** Institute for Wood Plants and the Environment
- **U-Space**: Analysis and general coordination
- **Corintea**: SEA procedure - Action Plan

CONTEXT ANALYSIS AND SWOT ANALYSIS MADE BY TECHNICAL SECRETARIAT

The swot analysis, the context analysis, the definition of alternative scenarios, have been developed in three strategic areas: Governance, Environment, Socio-economic development.



Main criticalities in the three strategic areas

Governance: The actions defined by the regulatory and territorial governance instruments have long implementation times. The territorial governance tools are often inconsistent with each other for these reasons it is difficult to implement them.

Environment

- the increasing transition from submerged cultivation to dry cultivation can reduce the role of rice paddies as a habitat for wildlife (in particular birdlife), and can lead to a growing summer droughts;
- intensive agriculture has caused the reduction of hedges, rows of trees, woody and shrubby areas and wetlands;
- the growing spread of invasive alien species is destabilizing the natural ecosystems;
- the use of chemical herbicides, combined with the scarcity of buffer strips, is causing pollution of the water.

Socio-economic development: the tourist enhancement in these areas is still at an embryonic stage.



DEFINITION OF ALTERNATIVE SCENARIOS

After identifying the critical issues, following the three strategic area, we have defined the possible scenarios

- **TREND SCENARIO** aiming to represent the continuity of current trends and underline the main problems; ← Environmental DOSSIER **problems / difficulties**
- **ORIENTED SCENARIO** considering the possible corrective actions that could be part of the wetland contract; ← Environmental DOSSIER **objectives / proposed actions**
- **PREFERRED SCENARIO** arising from the participatory process, it includes the goals and actions shared with the different subjects involved in the territorial Lab. → **TERRITORIAL LAB actions**

THE PARTICIPATION PROCESS

MANAGEMENT BOARD 1st meeting: presentation of the participatory process to public bodies

| | |
|--------------------------------|---|
| Date | 19 February 2019 |
| Coordinator | Province of Vercelli |
| Theme addressed | Objective: to present the participatory process that will lead to signing the contract |
| Number of members | 14 participants: 8 Municipalities, District Authority of the Po basin, 2 Park authorities, Piedmont Region. Public bodies that have expressed their interest in joining the Project have been invited |
| Short description of the event | The President of the Province opened the work. The objectives of the WETNET Project were illustrated and the preliminary Dossier and alternative scenarios were analysed. Finally, the process' methodology and timeframe were discussed. |
| Signature sheet | Attendance signatures were collected at each meeting (Documents on record at the offices of the Province of Vercelli) |



THE PARTICIPATION PROCESS

BASIN ASSEMBLY 1st meeting: sharing methodology and first proposal of objectives and actions

| | |
|--------------------------------|---|
| Date | 19 March 2019 |
| Coordinator | Province of Vercelli |
| Theme addressed | Objective: to present to the stakeholders the participatory process that will lead to the signing of the contract |
| Number of members | 52 stakeholders selected by the Technical Secretariat |
| Short description of the event | Information materials and the Focus Groups calendar were distributed. The objectives of the WETNET Project have been illustrated, the environmental Dossier and the territorial objectives have been analysed. The alternative scenarios and the methodology adopted for the organization of the Focus Groups were presented. A focus group registration form was distributed. The meeting ended with the vision of the LIPU/BirdLIFE documentary "Wetlands - Environments to protect". |



THE PARTICIPATION PROCESS

3 TERRITORIAL LAB with 3 Focus Groups managed by facilitators. Stakeholders, Technical Secretariat, public Bodies, Parks, different associations for the DEFINITION OF PREFERRED SCENARIOS

| | |
|------------|--|
| March 28th | Conservation of the landscape and naturalistic excellences (springs and natural water network) |
|------------|--|

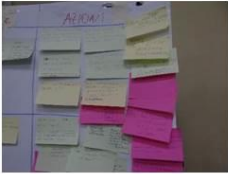
| | |
|--------------------------------|--|
| Number of members | N: 46 |
| Short description of the event | The group work was preceded by some presentations that introduced the theme and specifically the network of springs in the Vercelli plain, the planning and management of riparian vegetation and some examples of wetland redevelopment were presented. A reading of the scenario aimed at inviting the participants, divided into two groups, to formulate proposals and additions was made. |



THE PARTICIPATION PROCESS

April 11th **Sustainable Local Development (territorial identity, Slow tourism, good practices for air quality and climate change)**

| | |
|---------------------------------------|---|
| Number of members | N. 39 |
| Short description of the event | The group work was preceded by some presentations that introduced the theme and specifically the cycle routes in the WETNET area, experiential tourism innovation, experiences of education and environmental culture were presented. A reading of the scenario aimed at inviting the participants, divided into two groups, to formulate proposals and additions was made. |



THE PARTICIPATION PROCESS

May 9th **Strengthening of green and blue infrastructures (Compensation and Land Stewardship)**

| | |
|---------------------------------------|--|
| Number of members | N. 31 |
| Short description of the event | The group work was preceded by some presentations that introduced the theme and specifically the definition of green infrastructures. Guidelines were presented for the landscape insertion of provincial roads, the compensation plan and an example of a land stewardship agreement. A reading of the scenario aimed at inviting the participants, divided into two groups, to formulate proposals and additions was made. |



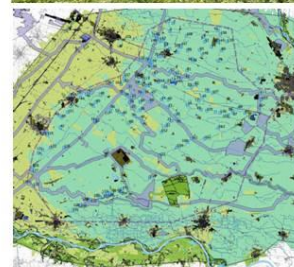
ACTION 1 – GOVERNANCE

- Action 1.1 - **Promotion of agreements between municipalities and public and private entities for the implementation of the "connection network"**
- Action 1.2 - **Environmental Compensation Plan**
- Action 1.3 - **Communication and awareness plan**
- Action 1.4 - **Requests for recognition of awards for access to funding**
- Action 1.5 - **Signing of Land Stewardship agreements**
- Action 1.6 - **Management of hydraulic buffer zones**
- Action 1.7 - **Inventory of valuable areas and verification of forms of protection**
- Action 1.8 - **Creation of an office for the implementation of the wetland contract**



ACTION 2 – ENVIRONMENT

- Action 2.1 - **Adaptation of local plans to the PTCP for the implementation of the "ecological network" of the PTCP**
- Action 2.2 - **Creation of buffer strips and filter ecosystems**
- Action 2.3 - **Increase wooded areas and increase the naturalness of green areas also in urban areas**
- Action 2.4 - **Survey on lowland springs and inclusion of them in the provincial "ecological network"**
- Action 2.5 - **Pilot projects for the restoration of waterways and protection of fish**
- Action 2.6 - **Steering the restoration of the quarries towards naturalistic purposes**



ACTION 3 – ECONOMIC AND SOCIAL DEVELOPMENT

Action 3.1 - **Design and creation of a territorial marketing path for the enhancement and promotion of quality products and services**

Action 3.2 - **Creation of "safe" cycle and pedestrian paths and nature trails**

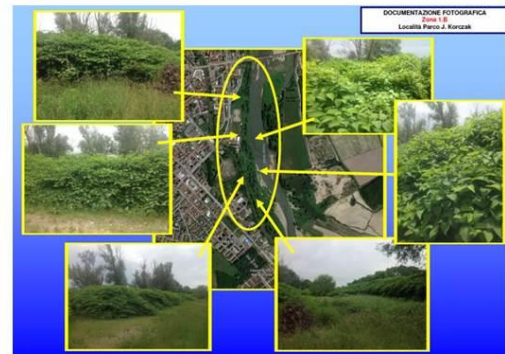
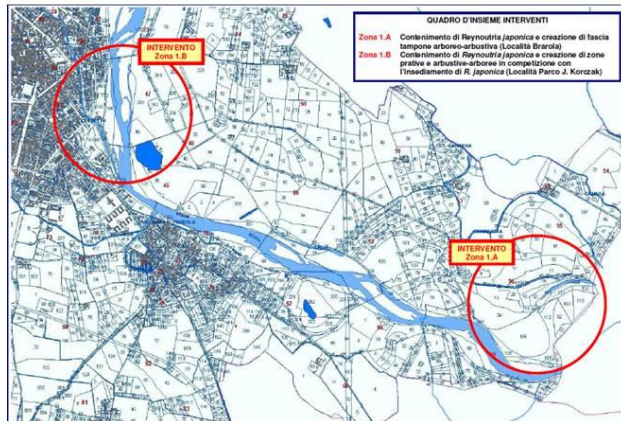
Action 3.3 - **Signing of agreements between rice farms and beekeepers**

Action 3.4 – **Creation of green areas in school buildings to promote biodiversity**

Action 3.5 - **Promotion of innovative farms addressed to eco-sustainability**

| Action 2.5 | |
|-----------------------|---|
| Title | Pilot projects for the restoration of waterways and protection of fish |
| Typology | <input checked="" type="checkbox"/> Concrete actions <input type="checkbox"/> Communication actions <input type="checkbox"/> Monitoring Actions <input type="checkbox"/> Governance actions <input type="checkbox"/> Other actions |
| Brief description | <p>Design and implementation of pilot projects for the redevelopment of watercourses and the protection of fish fauna, concerning both natural waterways and the semi-natural / artificial network; for example: increase in the quantity and variety of plant species, containment of invasive alien species, etc.</p> <p>A first example is represented by the "Project for the redevelopment of the banks of the Sesia River", financed by the call for the redevelopment of water bodies (Piedmont Region).</p> |
| Coordinator | Municipalities, irrigation associations |
| Other actors involved | Province of Vercelli |
| Budget | 200.000-1.000.000 € |
| Financial resources | RDP op. 4.1.1; call for redevelopment of water bodies (Piedmont Region) |

ENVIRONMENTAL COMPENSATION PLAN: IMPLEMENTATION OF INTERVENTIONS RELATED TO CALLS FINANCING



MAIN PROBLEMS AND OBSTACLES ENCOUNTERED

The Contract concerns issues on which different interests coexist, not always and not easily converging (profitability and environmental reasons). These are therefore delicate issues to be managed at a political level and, consequently, require a long time.

Difficulties in involving local private actors.

Administrative elections concomitant with the period of the territorial laboratories, with consequent difficulty in involving the representatives of the Municipalities.

7. APPENDIX – PRESENTATIONS - OCTOBER 3

VENETO REGION (C. Perin)



Project co-financed by the European
Regional Development Fund

FINAL CONFERENCE

SUSTAINABLE GOVERNANCE OF MEDITERRANEAN WETLANDS

Wetland Contracts as voluntary agreements for stakeholder engagement and empowerment

Venice (Italy), October 1st – 3rd, 2019

STEERING ORGANIZATIONS :



CO-ORGANIZERS :



KIND COOPERATION OF :



WETNET PROJECT: AN OVERVIEW ON THE MAIN STEPS AND OUTPUTS

Claudio Perin
Regione del Veneto (Veneto Region)
Urban planner – EU Projects office



FINAL CONFERENCE
SUSTAINABLE GOVERNANCE OF MEDITERRANEAN WETLANDS
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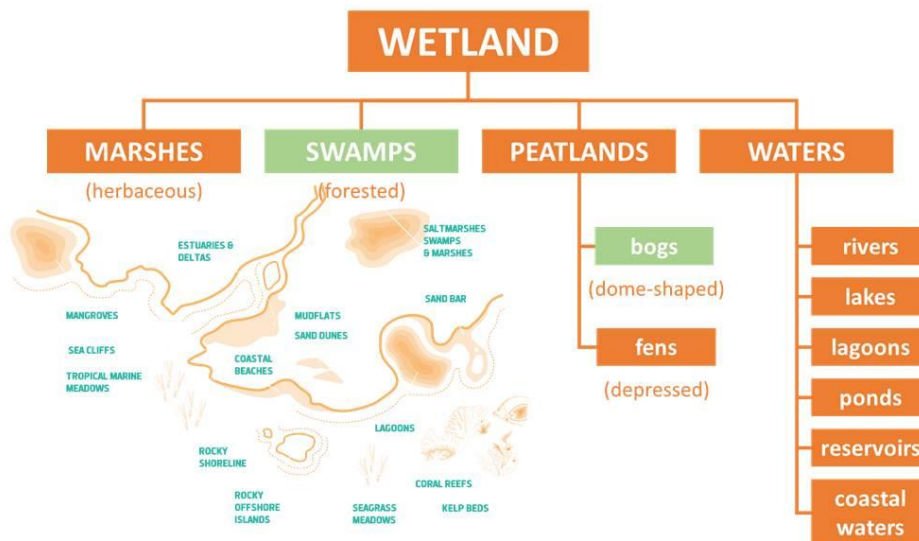


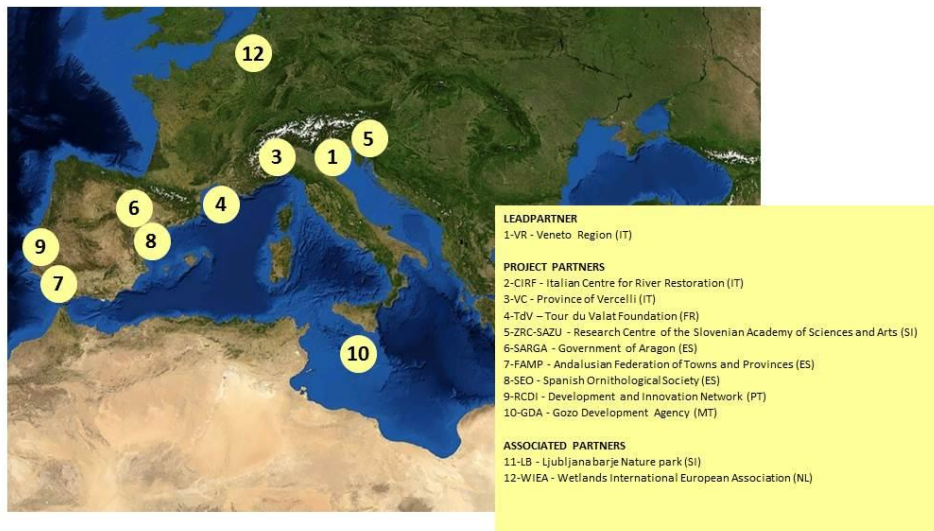
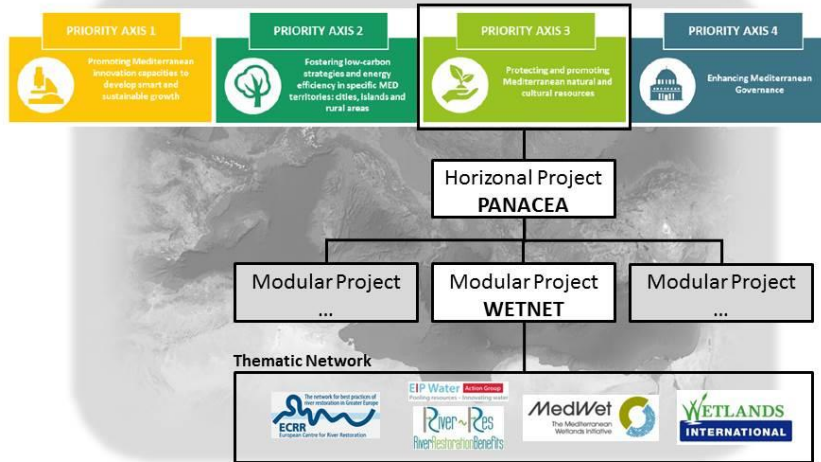
WetNet project

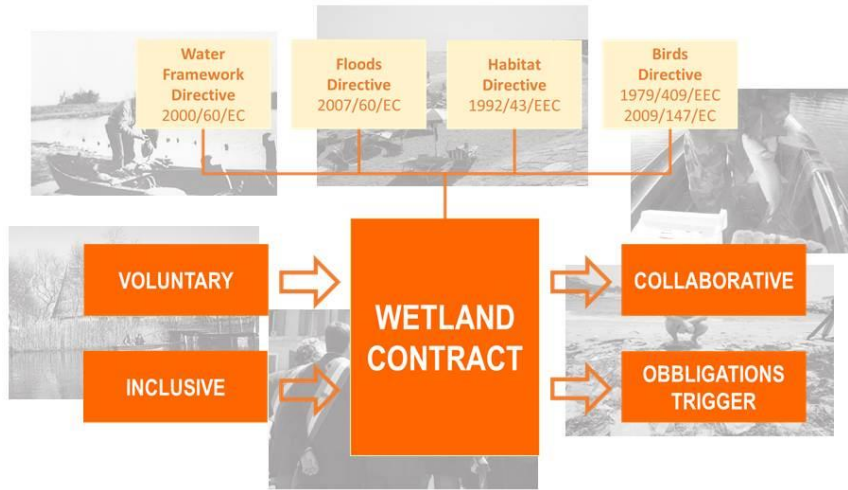
coordinated management and networking
of Mediterranean wetlands

Duration of the Project: 2017-2019

**WETNET – COORDINATED MANAGEMENT
AND NETWORKING OF MEDITERRANEAN
WETLANDS**







ITALY



Low Plain of Vercelli

Caorle Lagoon System





Cañizar
Lagoon

SPAIN



Albufera
of Valencia



Odiel
Marshes

SLOVENIA

Ljubljana Marshes Nature Park



FRANCE

Verdier marshes



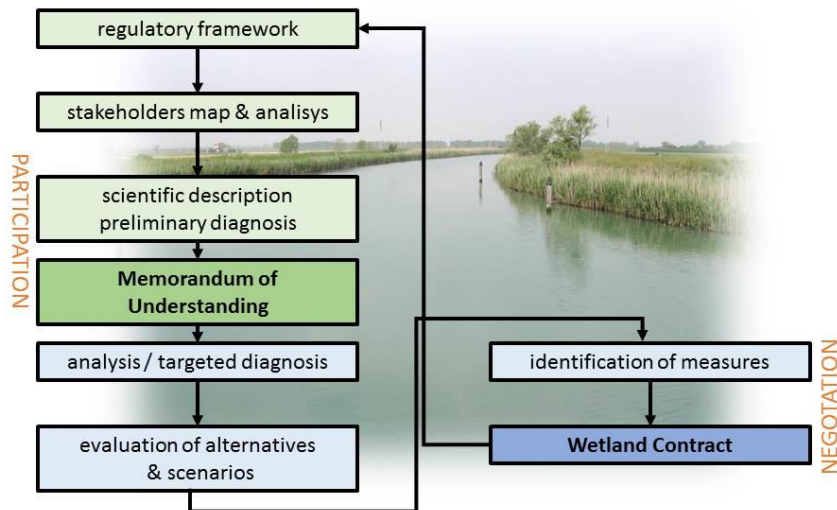
PORTUGAL

Melides Lagoon



MALTA

Gozo Island





SUMMER SCHOOL OBJECTIVES

- to build capacity on sustainable governance of protected wetlands addressing target groups involved in wetland management
- to facilitate the uptake of the Wetland Contract model by wetland Managing Authorities at Mediterranean scale
- to foster the coordination and networking of Mediterranean protected wetlands
- to set up and make available a training format replicable within the Mediterranean community



SUMMER SCHOOL TARGET PARTICIPANTS

| | | | |
|--|---|-----------|-------------|
| - national and regional decision makers and technical officers on wetland management | ➔ | 35 | 48% |
| - managing directors and technical officers of Med wetlands | ➔ | 09 | 12% |
| - NGOs members active on wetland management at Med scale | ➔ | 10 | 14% |
| - practitioners and researchers on wetland governance issues | ➔ | 16 | 22% |
| - graduated students (PhD and/or MD) in wetland governance related topics | ➔ | 03 | 04% |
| | | <hr/> | |
| | | 73 | 100% |



with **38** speakers/ chairs

FINAL CONFERENCE

SUSTAINABLE GOVERNANCE OF MEDITERRANEAN WETLANDS

Wetland Contracts as voluntary agreements for stakeholder engagement and empowerment

Venice (Italy), 3rd October 2019

STEERING ORGANIZATIONS :



KIND COOPERATION OF :



CO-ORGANIZERS :



Voluntary Governance Models for Italian and Croatian Wetlands

Maria Chiara Tosi
Iuav University of Venice
Scientific coordinator of CREW Interreg project

CREW
Coordinated Wetland management in Italy-Croatia cross border region

Priority Axis: Environment and cultural heritage

Specific Objective 3.2 - Contribute to protect and restore biodiversity

Start date 01/12/2018

End date 31/05/2021

TOPIC

Wetlands are vulnerable interconnected environments, hugely contributing to biodiversity

CREW tackles the issue of implementing a multilevel governance tool by overcoming fragmentations

CREW ensures higher coordination between different level of spatial planning and authorities, whilst limiting conflicts between preservation issues and economic activities.

PRESSURES

- 1) productive systems
- 2) strong urbanization and population growth
- 3) climate change
- 4) unsustainable tourism
- 5) invasive alien species introduction and eutrophication
- 6) overlapping of different levels of spatial planning
- 7) territorial development strategies

OBJECTIVES

1. a cross border **Observatory** to monitor best practices and data
2. a **coordinated methodology for wetlands management (Wetland Contract)**
3. a **cross border strategy**
4. **public awareness about the value of the wetlands**

PARTNERS

UNIVERSITY IUAV OF VENICE

UNIVERSITY OF CAMERINO

RIVIERA BASSA FRIULANA UNION OF PUBLIC LOCAL ADMINISTRATION

MUNICIPALITY OF SAN BENEDETTO DEL TRONTO

PROVINCE OF BARLETTA ANDRIA TRANI

PUBLIC INSTITUTION FOR THE MANAGEMENT OF PROTECTED NATURAL AREAS OF DUBROVNIK-NERETVA COUNTY

PUBLIC INSTITUTION NATURA HISTRICA

"NATURAJADERA" PUBLIC INSTITUTION FOR THE MANAGEMENT OF PROTECTED AREAS IN ZADAR COUNTY

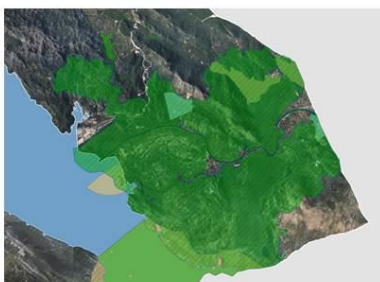
Target areas

- 1) Sentina National Natural Reserve
- 2) Ofanto River
- 3) Marano Lagoon
- 4) North Venice Lagoon
- 5) Zadar County
- 6) Pola
- 7) Neretva River



NERETVA RIVER

- The longest river of the Adriatic Sea with its 225 km
- The only real delta in Croatia
- Wet and humid area is still well preserved
- Nature protected areas
- Special reserve - ichthyological ornithological Delta Neretva - southeastern part
- Significant landscapes – Modro oko & Desne Lake, Predolac - Šibenica
- recorded intensification of tourist activity

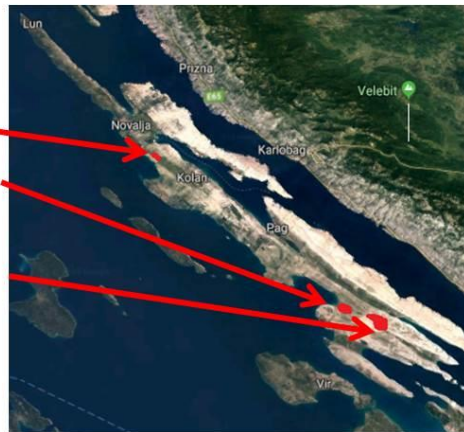


ISLAND PAG

- 3 wetland habitat which are ornithological reserves
- Invasive non-native species
- Extensive agriculture
- Anthropogenic reduction of habitat
- Illegal fishing and hunting



Kolanjsko
 blato
 Malo blato
 Velo blato



Palud – Istria

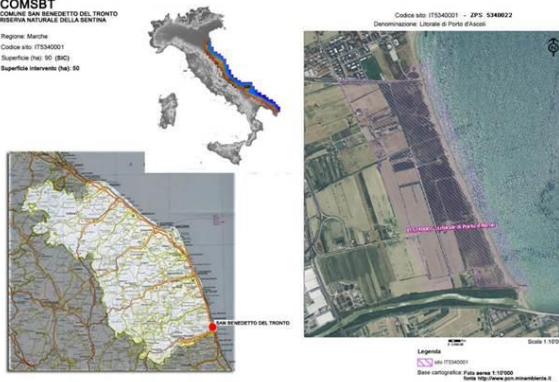
- well conserved and natural habitat, ideal for bird protection, educational activities and sustainable tourism
- several traditional agricultural practices
- illegal fishing and hunting, construction and uncontrolled tourist activities
- connection with other wetlands and the formation of a network



Sentina Natural Regional Reserve

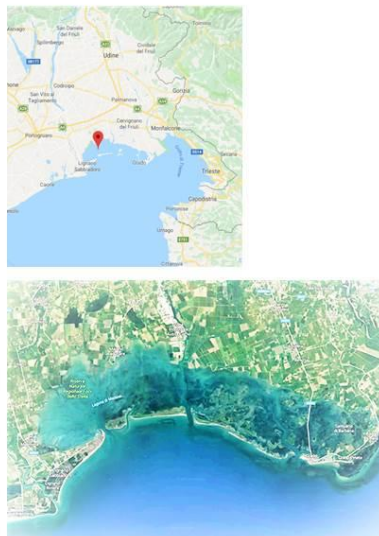
- coastal erosion
- high pressure on the border from human activities,
- fast urban development,
- loss of biodiversity.
- reduction of the dune system
- draining for industrial and agricultural purposes

COMSBT
 COMUNE DI SAN ROBERTO DEL TRONTO
 RISERVA NATURALE DELLA SENTINA
 Regione: Marche
 Codice Istat: IT2340001
 Superficie (ha): 90 (SIC)
 Superficie interventi (ha): 50

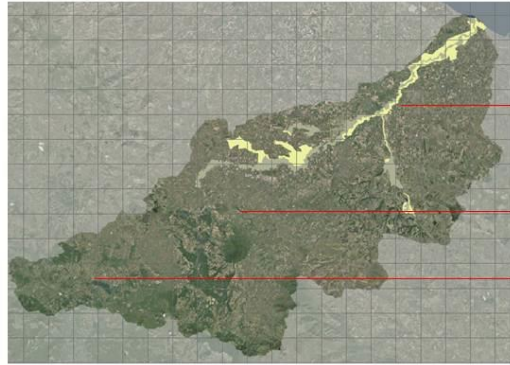


Marano Lagoon

- risk of abandonment of fishing valleys activities by new generation
- high exposure of the coastal environment to the effects of climate change
- absence of homogeneous management policies
- installation of extensive photovoltaic panel systems.

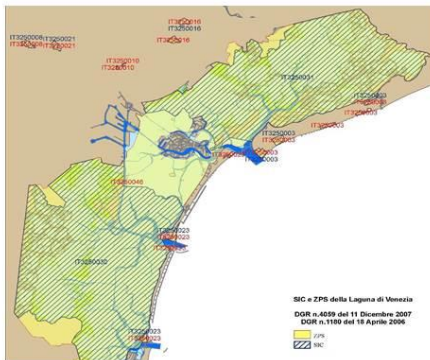


Ofanto River



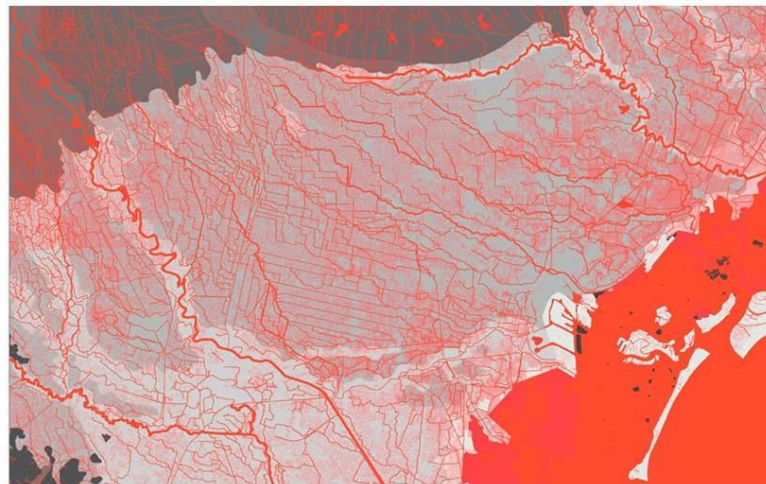
- ↑ «Contract of Contracts» Southern Idrographic District Authority (Autorità Distretto Idrografico Meridionale)
- River Contract of Natural Regional Park of Ofanto River (Puglia Region)
- River Contract of Vulture River (Basilicata Region)
- River Contract of upper Ofanto River (Campania Region)

Venice Lagoon





Relations with the drainage basin



Relations with anthropic settlements and activities



Venice lagoon government and protection tools

- 1963 Legge 366 on Venice Lagoon and Grado Lagoon
 - 1973 Legge mantenimento umidità e continuità fisica
 - 1992 Piano Interventi recupero morfologico
 - 2000/60 Direttiva Acque
 - 2007/60 Direttiva Alluvioni
 - 2001 Linee d'azione dal Ministero per aggiornare il Piano
 - 2004 Linee guida Piano Morfologico
 - 2005 Interventi autorizzati dall'Ufficio di Piano
 - 2016 presentazione aggiornamento Piano Morfologico
- TODAY the Venice Lagoon has not an official Plan

FINAL CONFERENCE

SUSTAINABLE GOVERNANCE OF MEDITERRANEAN WETLANDS

Wetland Contracts as voluntary agreements for stakeholder engagement and empowerment

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STEERING ORGANIZATIONS :



CO-ORGANIZERS :



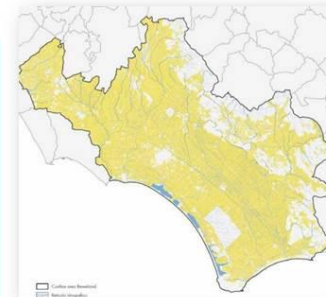
KIND COOPERATION OF :



LIFE GREENCHANGE: THE PACT FOR BIODIVERSITY
Increasing the functionality and ecological connectivity
of agricultural territories

Giuseppe Dodaro
CIRF
Project partner of Life Greenchange Project

- 1. The Pontine Plain:** the area has an agricultural matrix in which the intensive exploitation of natural resources has led to the permanence of only a few residual natural areas, which are marginalized, not connected, and largely in a poor state of conservation.
- 2. The Maltese rural areas:** the small size of the islands, the high population density and the transition of the last decades from a predominantly rural society towards a more industrialized and urban one, has brought significant changes in the land use models in the Maltese islands.



GENERAL AND
SPECIFIC OBJECTIVE

GREENCHANGE contribute to **halting the loss of biodiversity and to enhance the ecological value of the agricultural systems** of the Agro Pontino and of the northern region of Malta, by **planning and implementing Green Infrastructures and multifunctional actions in rural, semi-natural and natural areas**. The main specific objectives are:

- 1) Integrating ecological functionality and connectivity goals for agro-ecosystems - into **public - private** decision-making processes;
- 2) Implementing green infrastructures and **new core and buffer areas** and of **ecological corridors** among them;
- 3) Improving social awareness of farmers, through **dissemination and training activities**.



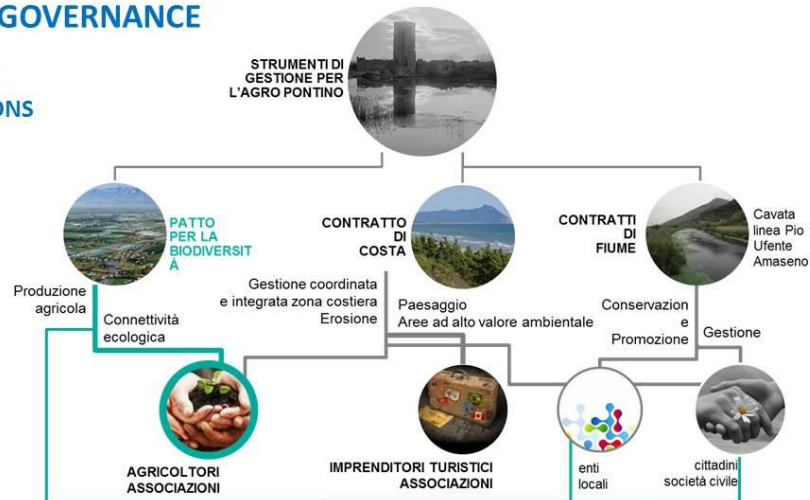
MAIN OUTPUT AND
QUANTIFIED
ACHIEVEMENTS

- ✓ Mapping and assessment of ecosystem services in the target areas;
- ✓ **Signature of the “Pacts for the Biodiversity” by partners and main public and private stakeholders;**
- ✓ Adoption of criteria, guidelines and directions defined within the Pacts by competent public bodies;
- ✓ **Signature of Land Stewardship Agreements for the management and upkeep of green infrastructures (formal engagement of at least 60 farmers);**
- ✓ Environmental restoration and recovery of ecosystems' functionalities of green infrastructures and farms (target: 690 restored hectares)
- ✓ Integration of GREENCHANGE criteria into the tenders for the implementation of the RDPs of Lazio Region and Malta (target: at least 50% of tenders integrated).



ENVIRONMENTAL GOVERNANCE IN PONTINE PLAIN

TOOLS AND INTERRELATIONS



WHAT THE PACT IS

«A **governance tool**, aimed at the systematization of actions in rural areas, harmonizing priorities, methods for intervention and financing sources, steering them towards ecosystems preservation and restoration»

IT MEANS...

- Networking single farm-scale restoration actions
- to make them more effective in ecological terms
 - to support the activation and optimization of (currently under-used) funding sources

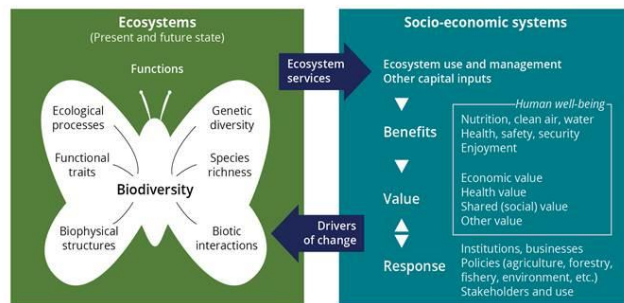


WHAT THE PACT STARTING POINT IS

Recognition of the **AGROECOSYSTEMS ADDED VALUES**, meaning the benefits provided by the maintenance of certain natural elements within the rural pattern also in terms of agricultural productivity and quality

SO THAT

The awareness about the «services» provided by such agroecosystem supports the identification of the best practices and the most adequate tools to maximize them



WHO THE PACT INVOLVES

The **PACT IS AN OPEN AND PERMANENT WORKING TABLE**, based on a specific programme, within which the relevant stakeholders share methods, tools and practices to manage rural areas in order to increase their ecological functionality and connectivity. It involves:

- **Farmers and their Associations**
- **Decision makers → Rural Development Programme Managing bodies**
- **Environmental associations → Protected Areas Managing bodies**



WHAT THE PACT DOES

Develops **scenarios** for the maintenance of the rural area, through the lens of ecosystem services

Produces **shared rules and guidelines** for the environmental management of interventions (rubble walls and flower strips)

Builds up the conditions to maximise the effectiveness of farm-scale actions pursuing a **network approach**

Promotes the active involvement of farmers in the management of agroecosystems and rural landscape through **LANDSTEWARDSHIP AGREEMENTS**



WHAT THE PACT OFFERS TO FARMERS

Orientation and training about

- ecosystem services and related **benefits at farm business level**
- scenarios about the variation of such ecosystem services and its **potential impact on yield** (quantity/quality/costs)
- best practices for the **proper management of agroecosystem** (to maintain/improve ecosystem services)

Support in accessing to **CAP/RDP resources** through

- the activation of cooperation strategies/facilitation tools
- the improvement of grant criteria

Opportunity to contribute to the rationalisation of rules and procedures



WHAT THE PACT OFFERS TO POLICY MAKERS

Support to the management of the rural landscape through the acknowledgment of **farmers as land-stewards**

Development of **shared** tools for the **long term management of ecosystem services** at a **supra-local scale**

Collection of advice for the **new programming period concerning funding criteria and procedures**

Rationalisation of rules and procedures (with consequences on the Office workload)



ACTION PLAN 2029/2022

4 main action fields characterized by the shared elaboration of rules and tool open available to all local stakeholders

ACTION1 – *to harmonize initiatives and competences*

ACTION2 – *support to farmers*

ACTION3 – *support to institutions*

ACTION4 – *Land Stewardship agreements promotion*



WHAT THE LAND STEWARDSHIP IS

Land stewardship is a strategy to involve **landowners and users** in the conservation of nature and landscape, with support from and inputs by a wide range of **civil society groups**.

The land stewardship approach is versatile and adaptable: in Europe it can be more widely used as a practical tool to **implement and complement many different policies and legal instruments** of biodiversity conservation.



WHO IS ENGAGED IN THE LAND STEWARDSHIP



Source: xct

LAND STEWARDSHIP AGREEMENTS OPTIONS

Increasing land stewardship organisation commitment, decreasing landowner participation



Non-agreement tools

(does not entail a specific management of the land)

Acknowledgment
 Education campaigns
 Awareness raising



Management support

(the landowner keeps the management of the land)

Collaboration convention
 Verbal agreement
 Volunteer actions



Management transfer

(the land stewardship organisation manages the land without owning it)

Land stewardship rights
 Lease
 Cession
 Usufruct



Property transfer

(the land stewardship organisation owns and manages the land)

Sale
 Donation
 Legacy
 Exchange






LIFE RISORGIVE

Conservation of biodiversity in the Municipality of
Bressanvido



LIFE14 NAT/IT/000938

Stefano Salviati – Aquaprogram srl
Venezia 3 Ottobre 2019

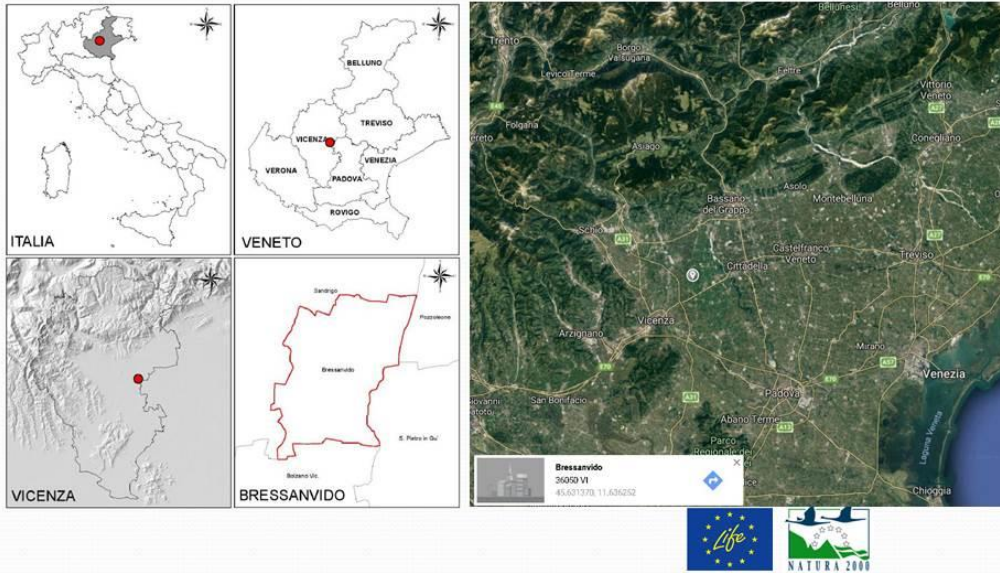


Project data

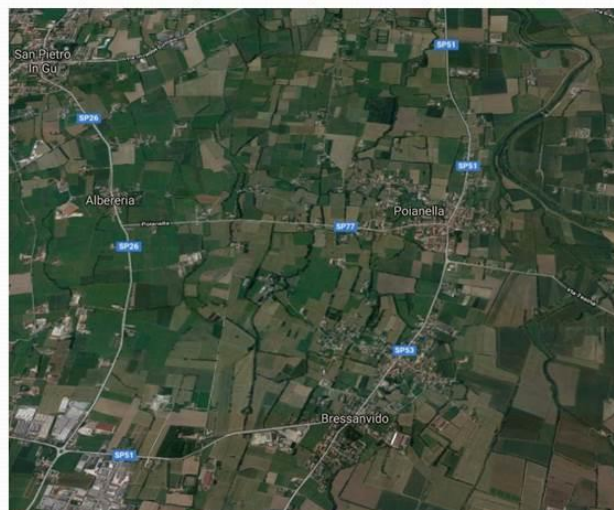
- It is a LIFE Biodiversity project (green infrastructures)
- Duration: 1/10/2015 – 30/09/2019 (48 months)
- Budget foreseen 1.161.293 €
- EU cofinancing expected 60% = 696.775 €
- Coordinating beneficiary: Comune di Bressanvido
- Associated beneficiaries: Consorzio di bonifica Brenta (land reclamation consortium), Agenzia Veneta per l'innovazione nel settore primario (regional agency for innovation in agriculture), Aquaprogram S.r.l. (private company)
- Cofinancer: Latterie vicentine srl. (local dairy producer)



Where we are



Our landscape



Targeted habitat

- 3260 - Water courses of plain to montane levels with the *Ranunculus fluitans* and Callitricho-Batrachion vegetation



Life
Risorgive
Conservation of Biodiversity
in the municipality of Bressanico

Threats

- Agricultural conversion of spring biocoenoses
- Pollution of groundwater from agricultural practices
- Introduction of alien species
- Reduction of water flows
- Pollution of groundwater of civil and industrial origin

Life
Risorgive
Conservation of Biodiversity
in the municipality of Bressanico



The actions

- A1 Executive planning of the operations on the springs
- B1 Acquisitions of the use of areas of particular relevance
- C1 Interventions to restore the hydraulic functionality of the springs
- C2 Production of plants and planting operations to increase the floristic biodiversity
- C3 Realization of the didactic spring near the municipality offices
- D1 Monitoring of biodiversity
- D2 Monitoring of socio-economic impact
- D3 Evaluation of ecosystem functions
- E1 Notice Boards
- E2 Project website
- E3 Networking
- E4 Layman's report
- E5 Training of farmers
- E6 Creation of walking paths
- E7 Implementation of a "spring contract"
- F1 Project Management, F2 After LIFE plan, F3 Update of project indicators



What we made

- A1 Executive planning of the operations on the springs
 - Participatory planning with partners and with stakeholders
 - 11 executive projects on 42 resurgences
 - 11 parcel expropriation plans
 - 11 environmental impact assessments
- B1 Acquisitions of the use of areas of particular relevance
 - acquisition of 3 hectares of land under a twenty-year lease contract
- C1 Interventions to restore the hydraulic functionality of the springs
 - maintenance of 42 head spring
 - cleaning of 12 head spring
 - redevelopment of 10 head spring
 - re-opening of 3 springs
 - construction of 6 km of buffer zone
 - Construction of 3 km of pedestrian routes with 5 bridges





What we made

- C2 Production of plants and planting operations to increase the floristic biodiversity
 - production of 26,000 arboreal and herbaceous plants
 - construction of 1 ha of lowland forest
- C3 Realization of the didactic spring near the municipality offices
- D1 Monitoring of biodiversity
 - Application of the LIMeco indexes, STAR ICMi, ICMI, IBMR, ISECI in the hydrographic network (82 samplings in AO and 164 in PO)
- D2 Monitoring of socio-economic impact
 - 300 quick interviews with citizenship
 - administration of 17 complete questionnaires to stakeholders
- D3 Evaluation of ecosystem functions
 - Application of the river function index and resurgence function index
 - flow measurement (54 samplings in AO and 108 samplings in PO)





What we made

- E1 Notice Boards
 - realization of 12 didactic panels
 - realization of 1 interactive didactic panel
- E2 Project website
- E3 Networking
- E4 Layman's report
- E5 Training of farmers
 - Meetings with farmers, fishermen, hunters, environmentalists
 - realization of a resurgence management manual
- E6 Creation of walking paths
- E7 Implementation of a "spring contract"
 - governance path of the resurgences for the definition of the final resurgence contract
- F1 Project Management, F2 After LIFE plan, F3 Update of project indicators





Expected results

- 26 spring systems strengthened and stabilised in Vicenza middle-lowland (green infrastructure), which includes 43 springs and their watercourses flowing across the entire territory of Bressanvido municipality;
- Demonstration of the effectiveness of spring systems as infrastructure to achieve the objective of the Water Directive (2000/60/EC) that is preventing the deterioration of the quality and quantity of water bodies due to intensive farming;
- Demonstration of the possibility of involving private commercial entities (e.g. farmers and their associations, as well as reclamation consortia) and non-profit organisations (e.g. voluntary groups, game fishers' associations) in the maintenance of spring systems;
- Raised awareness of citizens about the role of spring systems as green infrastructure for the improvement of the quality of life in rural areas;
- Promotion of an innovative management model of spring systems at the interregional scale, in all middle lowland areas. The project proposes a model that can be transferred to the entire spring zone, from the foothills of the Alps to Po Valley, from Friuli to Piedmont. The model can be replicated in other European areas with similar features;
- Strengthened ecosystem services supplied by spring water.



8. APPENDIX – PRESS / WEB RELEASES

----- Forwarded message -----

Da: **Carla Spolaor** <carla.spolaor@regione.veneto.it>

Date: gio 10 ott 2019 alle ore 11:43

Subject: evento pubblico dei giorni 1-3 ottobre 2019 - Conferenza Finale del progetto WetNet
Programma Interreg MED

To: <ansa.venezia@ansa.it>, <corriereveneto@corriereveneto.it>, <direttore@lavocedeiberici.it>, <genteveneta@patriarcatovenezia.it>, <info@antennatre.it>, <info@editriceveneta.it>, <info@informatoreagrario.it>, <info@padovanews.it>, <info@radioreb.org>, <info@televeneto.it>, <ladomenica@tvavicenza.it>, <padovaoggi@citynews.it>, <redazione@birikina.it>, <redazione@reteveneta.it>, <redazione@stellafm.it>, <redazione@telechiara.it>, <redazione@telepadova.tv>, <redazioneweb@ilgiornaledivicenza.it>, <regione@mattinopadova.it>, <regioni@adnkronos.com>, <segreteria@ordinegiornalisti.veneto.it>, <staff@radiobue.it>, <telecitta@omniaweb.it>, <tgrveneto@rai.it>, <tvavicenza@tvavicenza.it>, <vicenzatoday@citynews.it>, <coppericcardo@yahoo.it>, <eleonora.biral@gmail.com>, <marcocorazza@tiscali.it>, <marco.bibione@gmail.com>, <rosariopadovano76@gmail.com>, <rosario.padovano@virgilio.it>, <giovanni.cagnassi@alice.it>

Si invia il comunicato stampa con allegati il programma e la locandina dell'evento svolto, pensando possa essere notizia interessante per una eventuale diffusione da parte vostra.

1 / 11

Si è svolta a Venezia nei giorni dall'1 al 3 ottobre 2019, con la collaborazione dell'Università IUAV e del CIRF (Centro Italiano per la Riqualificazione Fluviale), la conferenza finale del progetto europeo Wetnet.

Il progetto, finanziato dal Programma Interreg Med, ha come obiettivi la creazione di una rete di zone umide nei paesi dell'area del Mediterraneo e la ricerca di un equilibrio tra la conservazione degli ecosistemi e la salvaguardia delle attività umane legate a questi ambienti così importanti e ricchi di biodiversità.

La conferenza è stata l'occasione per un bilancio delle attività svolte nei tre anni trascorsi dall'avvio del progetto e per condividere opinioni ed esperienze sui processi partecipativi che hanno visto i partner impegnati nel supporto e nel coordinamento dei processi di governance delle 9 aree pilota individuate dal progetto, aree che rappresentano le diverse tipologie di zone umide presenti nel Mediterraneo.

Il bilancio è risultato ampiamente positivo poiché ogni partner è stato in grado di avviare e concludere impegnativi processi partecipativi, in linea con la metodologia indicata dal progetto, che in molti casi hanno coinvolto soggetti e istituzioni che non si erano mai confrontate direttamente prima. Processi che hanno portato – o porteranno nelle prossime settimane – alla firma dei contratti di area umida, compreso quello, recentemente approvato dalla Giunta Regionale, del “Sistema della Laguna di Caorle”, l'area pilota scelta del Veneto.

Si tratta di un'iniziativa che vede coinvolti – oltre ai comuni di Caorle, San Michele al Tagliamento e Concordia Sagittaria – la Città Metropolitana di Venezia, il Consorzio di Bonifica del Veneto Orientale, e molte associazioni sportive, venatorie, ambientaliste, associazioni di categoria e soggetti a vario titolo interessati alla governance integrata delle lagune di Caorle e Bibione quali territori sui quali sviluppare una serie di azioni e impegni concreti per la protezione e la valorizzazione degli ecosistemi e delle attività umane presenti.

Grazie a Wetnet un primo risultato importante è stato raggiunto, si tratta ora di consolidare e diffondere i risultati e le esperienze del progetto nella prospettiva finale di vedere tutte le zone umide del Mediterraneo e i loro ecosistemi collegati attraverso una rete integrata e transnazionale, nella quale i modelli di governance e le misure di salvaguardia siano ovunque in grado di garantire il raggiungimento degli obiettivi di salvaguardia della biodiversità e di sviluppo sostenibile suggeriti dalla "Carta di Venezia", anticipata al termine della giornata finale della Conferenza.

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Progetto WETNET | Conferenza finale

24 settembre 2019



Project co-financed by the European Regional Development Fund



aree umide del Mediterraneo in grado di combinare più processi decisionali multi-obiettivi, multilivello e multi-stakeholder e di perseguire contemporaneamente il miglioramento ambientale, la gestione dei rischi e lo sviluppo locale.

Basandosi sull'esperienza pluriennale dei Contratti di Fiume, WETNET cerca di sperimentare e diffondere il Contratto di area umida (Wetland Contract) quale strumento efficace per promuovere e consolidare una visione condivisa del futuro di queste importanti riserve di biodiversità.

Nella conferenza finale del progetto, che si svolgerà a Venezia nei giorni dall'1 al 3 ottobre p.v. presso l'Università IUAV (nelle due sedi dell'ex Cotonificio e dei Tolentini) e che comprenderà una visita-studio alla laguna Nord di Venezia, i 10 partner del progetto e i rappresentanti di altri progetti europei che affrontano temi affini discuteranno pubblicamente i risultati dei processi di governance avviati nelle aree pilota.

Tutti gli interessati sono invitati a partecipare.

- Programma
- Registrazione

Per maggiori informazioni visita la pagina del progetto WETNET

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WETNET: un bilancio del progetto

11 ottobre 2019



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- Programma

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