



Project co-financed by the European
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Coordinated management and networking of Mediterranean wetlands

Deliverable 4.2.1 RiverWiki database

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WETNET PROJECT
Coordinated management and networking of Mediterranean wetlands

WP 4 - Transferring

Activity 4.2 – Strengthening networking

Project Partner: CIRF - Italian Center for River Restoration

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Deliverable 4.2.1
RIVERWIKI DATABASE



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Introduction

The [RiverWiki](#) is an interactive tool for sharing best practices and lessons learnt for policy makers, practitioners and researchers of river restoration from around Europe.

The platform has been developed by the LIFE+ “RESTORE” partnership, funded through the Environment Agency (England) and managed by the RRC (UK). LIFE+ RESTORE [“Rivers: Engaging, Supporting and Transferring knOWledge for Restoration in Europe” (LIFE09 INF/UK/000032)] addressed a shortcoming in knowledge transfer in Europe on river restoration activities. LIFE+ RESTORE aimed to develop a network that linked policymakers, river basin planners, practitioners and experts, to share information and good practice on river restoration activities. LIFE+ RESTORE supported river restoration practices across Europe, built additional river restoration network capacity, and promoted effective river restoration knowledge transfer. The project sought to develop tools to promote knowledge transfer, so as to communicate key messages to target audiences. The ultimate objective was that the project’s database tools provide improved knowledge, which in turn supports more and better river restoration activity.

Due to the RiverWiki characteristics, the first idea of enriching the platform with wetland governance case studies foreseen in WETNET Application form has been modified. In fact, the architecture of the web platform (see Annex 1) didn’t allow to add information suitable for fully describing governance practices.

For this reason, WETNET partners have decided to gather good practices and case studies related to wetland/river restoration in order to develop a collection of interventions/actions to be used by the Wetland Contracts potentially adding them in the Action Plan.

Thirty-one case studies related to wetland/river restoration were collected filling out the questionnaire (see annex 1) with all the data and information required by RiverWiki.

Other nine case studies corresponding to the Wetland Contracts implemented by partners in pilot areas during WETNET have been temporarily uploaded on RiverWiki too, but they will be added on another web platform developed the [Interreg Italy-Croatia CREW](#) (*Coordinated Wetland management in Italy-Croatia cross border region*) as soon as it will be online. This synergy with CREW will guarantee a wide transferring of WETNET results and the setting of a wide cooperation approach on wetland governance.

CIRF were in charge of uploading all of them on the Riverwiki platform.

Case studies

The following table shows the 40 case studies (5 in France, 13 in Italy, 14 in Spain, 5 Portugal, 1 in Malta and 1 in Slovenia) uploaded by WETNET on the RiverWiki:

N°	CASE STUDY: NAME	RiverWiki link	Country
1*	INTERREG MED WETNET - Membership card of the Verdier Marshes-Rhone Delta Wetland Contract	https://restorerivers.eu/wiki/index.php?title=Case_study%3AINTERREG_MED_WETNET_-_Membership_card_of_the_Verdier_Marshes-Rhone_Delta_Wetland_Contract	FRANCE
2	Camargue's former saltworks	https://restorerivers.eu/wiki/index.php?title=Case_study%3ACamargue's_former_saltworks	FRANCE
3	The Verdier marshes	https://restorerivers.eu/wiki/index.php?title=Case_study%3AThe_Verdier_marshes	FRANCE
4	Restoration of the Cassaire wetland (Rhône delta)	https://restorerivers.eu/wiki/index.php?title=Case_study%3ARestoration_of_the_Cassaire_wetland_(Rhône_delta)	FRANCE
5	MediCyn	https://restorerivers.eu/wiki/index.php?title=Case_study%3AMediCyn	FRANCE
6*	INTERREG MED WETNET – Negotiated Planning Agreement “Wetland Contract of the Caorle lagoon system”	https://restorerivers.eu/wiki/index.php?title=Case_study%3AINTERREG_MED_WETNET_-_Negotiated_Planning_Agreement_“Wetland_Contract_of_the_Caorle_lagoon_system”	ITALY
7*	INTERREG MED WETNET – Memorandum of Understanding for the realization of the Wetland Contract for the Vercelli rice plain	https://restorerivers.eu/wiki/index.php?title=Case_study%3AINTERREG_MED_WETNET_-_Memorandum_of_Understanding_for_the_realization_of_the_Wetland_Contract_for_the_Vercelli_rice_plain	ITALY
8	LIFE ECORICE - Vercelli rice fields	https://restorerivers.eu/wiki/index.php?title=Case_study%3ALIFE_ECORICE_-_Vercelli_rice_fields	ITALY
9	Restoration project of riparian buffer of the Sesia River	https://restorerivers.eu/wiki/index.php?title=Case_study%3ARestoration_project_of_riparian_buffer_of_the_Sesia_river	ITALY
10	Oasi naturale delle pittime di Cascina Oschiena	https://restorerivers.eu/wiki/index.php?title=Case_study%3AOasi_naturale_delle_pittime_di_Cascina_Oschiena	ITALY
11	LIFE REWETLAND - a wide-area programme for improving the quality of surface water in the agro pontino by means of natural purification techniques	https://restorerivers.eu/wiki/index.php?title=Case_study%3ALIFE_REWETLAND_-_A_WIDE-AREA_PROGRAMME_FOR_IMPROVING_THE_QUALITY_OF_SURFACE_WATER_IN_THE_AGRO_PONTINO_BY_MEANS_OF_NATURAL_PURIFICATION_TECHNIQUES	ITALY

12	LIFE GREENCHANGE – Environmental restoration of the wet ecosystem along the Ufente river	https://restorerivers.eu/wiki/index.php?title=Case_study%3ALIFE_GREENCHANGE_(LIFE17_NAT/IT/000619)_-_Environmental_restoration_of_the_wet_ecosystem_along_the_Ufente_river	ITALY
13	LIFE GREENCHANGE– Construction of green infrastructures in the Fondazione Caetani farm – Restoration of the Fosso Epitaffio	https://restorerivers.eu/wiki/index.php?title=Case_study%3ALIFE_GREENCHANGE_(LIFE17_NAT/IT/000619)_-_Construction_of_green_infrastructures_in_the_Fondazione_Caetani_farm_-_Restoration_of_the_Fosso_Epitaffio	ITALY
14	Restoration of the Pantanello wetland area (Fondazione Caetani)	https://restorerivers.eu/wiki/index.php?title=Case_study%3ARestoration_of_the_Pantanello_wetland_area_(Fondazione_Caetani)	ITALY
15	LIFE RISORGIVE - Roggia Tergola Sud	https://restorerivers.eu/wiki/index.php?title=Case_study%3ALIFE_RISORGIVE_%E2%80%93_Roggia_Tergola_Sud_2	ITALY
16	LIFE RISORGIVE - Fontane Marzare	https://restorerivers.eu/wiki/index.php?title=Case_study%3ALIFE_RISORGIVE_%E2%80%93_Fontane_Marzare	ITALY
17	LIFE RISORGIVE - Roggia Girosa	https://restorerivers.eu/wiki/index.php?title=Case_study%3ALIFE_RISORGIVE_%E2%80%93_Roggia_Girosa	ITALY
18	LIFE RISORGIVE - Bacino Castellaro	https://restorerivers.eu/wiki/index.php?title=Case_study%3ALIFE_RISORGIVE_%E2%80%93_Bacino_Castellaro	ITALY
19*	INTERREG MED WETNET – Odiel Marshes Wetland Contract and Action plan	https://restorerivers.eu/wiki/index.php?title=Case_study%3AINTERREG_MED_WETNET_-_Odiel_Marshes_Wetland_Contract_and_Action_plan	SPAIN
20*	INTERREG MED WETNET- Albufera de València Memorandum of Cooperation for Wetland Contract	https://restorerivers.eu/wiki/index.php?title=Case_study%3AINTERREG_MED_WETNET-_Albufera_de_Valencia_Memorandum_of_Cooperation_for_Wetland_Contract	SPAIN
21*	INTERREG MED WETNET – Management Plan for the Cañizar Lagoon (ARAGON)	https://restorerivers.eu/wiki/index.php?title=Case_study%3AINTERREG_MED_WETNET_-_Management_Plan_for_the_Cañizar_Lagoon_(ARAGON)	SPAIN
22	Environmental Restoration of the Lower Section of the Bembézar River and its River Environment (Phase 1)	https://restorerivers.eu/wiki/index.php?title=Case_study%3AEnvironmental_Restoration_of_the_Lower_Section_of_the_Bembézar_River_and_its_River_Environment_(Phase_1).	SPAIN
23	Updated project for the Environmental Restoration and Urban and Landscape Planning of Cabra River's High Section (Cordoba)	https://restorerivers.eu/wiki/index.php?title=Case_study%3AUpdated_project_for_the_Environmental_Restoration_and_Urban_and_Landscape_Planning_of_Cabra_River's_High_Section_(Cordoba)	SPAIN
24	Environmental Restoration of the Riopudio Stream in Sevilla	https://restorerivers.eu/wiki/index.php?title=Case_study%3AEnvironmental_Restoration_of_the_Riopudio_Stream_in_Sevilla	SPAIN

25	Environmental Restoration of Olivar-El Zaudin Metropolitan Park in Tomares	https://restorerivers.eu/wiki/index.php?title=Case_study%3AEnvironmental Restoration of Olivar-El Zaudin Metropolitan Park in Tomares	SPAIN
26	Bird Reserve El Clot	https://restorerivers.eu/wiki/index.php?title=Case_study%3ABird reserve "El Clot" (Tarragona)	SPAIN
27	Bird Reserve Los Albardales	https://restorerivers.eu/wiki/index.php?title=Case_study%3ABird reserve "Los Albardales" (Madrid)	SPAIN
28	Bird Reserve Marismas blancas	https://restorerivers.eu/wiki/index.php?title=Case_study%3ABird reserve "Las Marismas Blancas" (Cantabria)	SPAIN
29	Bird Reserve O Grove	https://restorerivers.eu/wiki/index.php?title=Case_study%3ABird reserve "O Grove" (Pontevedra)	SPAIN
30	Bird Reserve Riet Vell	https://restorerivers.eu/wiki/index.php?title=Case_study%3ABird reserve "Riet Vell" (Tarragona)	SPAIN
31	Bird Reserve Finca San Miguel	https://restorerivers.eu/wiki/index.php?title=Case_study%3ABird reserve "Finca San Miguel" (Huesca)	SPAIN
32	Bird Reserve Tancat de la Pipa	https://restorerivers.eu/wiki/index.php?title=Case_study%3ABird Reserve "Tancat de la Pipa" (Valencia)	SPAIN
33	LIFE Saramugo	https://restorerivers.eu/wiki/index.php?title=Case_study%3ALIFE Saramugo	PORTUGAL
34	LIFE Charcos	https://restorerivers.eu/wiki/index.php?title=Case_study%3ALIFE Charcos - _Conservação de Charcos Temporários na Costa Sudoeste de Portugal (Conservation of Med Temporary Ponds in SW Portugal)	PORTUGAL
35	TerraSeixe	https://restorerivers.eu/wiki/index.php?title=Case_study%3ATerraSeixe	PORTUGAL
36	Valagua - (Valorização ambiental e gestão integrada da água e dos habitats no Baixo Guadiana transfronteiriço)	https://restorerivers.eu/wiki/index.php?title=Case_study%3AVALAGUA (Valorização ambiental e gestão integrada da água e dos habitats no Baixo Guadiana transfronteiriço)	PORTUGAL
37*	INTERREG MED WETNET – Melides Lagoon Environmental Agreement for Wetland Contract	https://restorerivers.eu/wiki/index.php?title=Case_study%3AINTERREG MED WETNET – Melides Lagoon Environmental Agreement for Wetland Contract	PORTUGAL

38	LakeAdmin - Chadwick lakes - Plan to improve the surface water quality and reservoir restoration in the Chadwick lakes area	https://restorerivers.eu/wiki/index.php?title=Case_study%3ALakeAdmin - Chadwick lakes - Plan to improve the surface water quality and reservoir restoration in the Chadwick lakes area	MALTA
39*	INTERREG MED WETNET – Memorandum of Cooperation towards a Wetland Contract for the Island of Gozo	https://restorerivers.eu/wiki/index.php?title=Case_study%3AINTERREG MED WETNET – Memorandum of Cooperation towards a Wetland Contract for the Island of Gozo	MALTA
40*	INTERREG MED WETNET - Memoradum on Participation in Wetland Conservation in Ljubljansko Barje Nature Park	https://restorerivers.eu/wiki/index.php?title=Case_study%3AINTERREG MED WETNET - Memoradum on Participation in Wetland Conservation in Ljubljansko Barje Nature Park	SLOVENIA

* nine case studies corresponding to the Wetland Contracts implemented by partners in pilot areas during WETNET to be uploaded on CREW Observatory also.

ANNEX 1 QUESTIONNAIRE TEMPLATE

1) Project overview

Project title *	
Project web site	
Themes	<p>Select one or more of the following fields (drop down menu in the riverwiki):</p> <ul style="list-style-type: none"> <input type="checkbox"/> Economic aspects <input type="checkbox"/> Environmental flows and water resources <input type="checkbox"/> Fisheries <input type="checkbox"/> Flood risk management <input type="checkbox"/> Habitat and biodiversity <input type="checkbox"/> Hydropower <input type="checkbox"/> Hydromorphology <input type="checkbox"/> Land use management-agriculture <input type="checkbox"/> Land use management-forestry <input type="checkbox"/> Monitoring <input type="checkbox"/> Social benefits <input type="checkbox"/> Spatial planning <input type="checkbox"/> Water quality <input type="checkbox"/> Urban
Country *	
Project Status*	
Main contact forename *	
Main contact surname *	
Main contact user ID	
Contact organisation	
Contact organisation web site	
Partner organisations	
Parent multi-site project	
This is a parent project encompassing the following projects	
Project summary *	
Monitoring surveys and results	
Lessons learnt	

2) Image gallery (upload image and description)

Please provide at least one image.

3) Catchment and sub-catchment

River basin district	
River basin	
River name	
Area category	
Area (km ²)	
Maximum altitude category	
Maximum altitude (m)	
Dominant geology	
Ecoregion	
Dominant land cover	
Waterbody ID	

4) Site

Name	
WFD water body codes	
WFD (national) typology	
WFD water body name	
Pre-project morphology	
Reference morphology	
Desired post project morphology	
Heavily modified water body	
National/international site designation	
Local/regional site designations	
Protected species present	
Invasive species present	
Species of interest	
Dominant hydrology	
Dominant substrate	
River corridor land use	
Average bankfull channel width category	
Average bankfull channel width (m)	
Average bankfull channel depth category	
Average bankfull channel depth (m)	
Mean discharge category	

Mean annual discharge (m ³ /s)	
Average channel gradient category	
Average channel gradient	
Average unit stream power(W/m ²)	

5) Project background

Reach length directly affected (m)	
Project started	
Works started	
Works completed	
Project completed	
Total cost category	
Total cost (k€)	
Benefit to cost ratio	
Funding sources	

Cost for project phases

Phase	Cost category	Cost exact (k€)	Lead organization	Contact forename	Contact surname
Investigation and design					
Stakeholder engagement and communication					
Works and works supervision					
Post-project management and <u>maintenance</u>					
Monitoring					

6) Reasons for river restoration

Mitigation of pressure (in DPSIR terms)	
Hydromorphology	
Biology	
Physico-chemical	
Other reasons for the project	

7) Measures

Structural measures	
Bank/bed modifications	

Floodplain / River corridor	
Planform / Channel pattern	
Other	
Non-structural measures	
Management interventions	
Social measures (incl. engagement)	
Other	

8) Monitoring [8.1 Hydromorphological quality elements; 8.2 Biological quality elements; 8.3 Physico-chemical quality elements; 8.4 Any other monitoring, e.g. social, economic]

Element	When monitored		Type of monitoring		Control site used	Result
	Before measures	After measures	Qualitative	Quantitative		

9) Monitoring documents (upload document)

Please provide any useful document (possibly - but not mandatory - in English)

10) Additional documents and videos (upload)

Please provide any useful document (possibly - but not mandatory - in English)

11) Additional links and references (link)

Please provide any useful link (possibly - but not mandatory - in English)

12) Supplementary Information

Up to you