

CONNECTED RIVERS

International seminar on scaling up dam
removal as a river restoration tool in Europe.



19 - 21 May
LNEC, Lisboa



**The ecocide of the
Tagus River by new dams!**

Paulo Constantino – spokesperson of proTEJO



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa

 **DAM REMOVAL EUROPE**

proTEJO's Mission

Raise awareness and mobilize citizens and their organizations in the defence and promotion of the Tagus river basin – the Tagus River and its affluents – from an ecological, scientific, social, cultural and heritage perspective, in Portugal





“The ecocide of the Tagus River by new dams”

I. River connectivity (without barriers)

1. Risk of New dams and Transfers in Tagus River

2. “Free the Nabão River” Potential Project

River Restoration, Environmental Education and Free Rivers

II. Biodiversity and Life Sustainability



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa

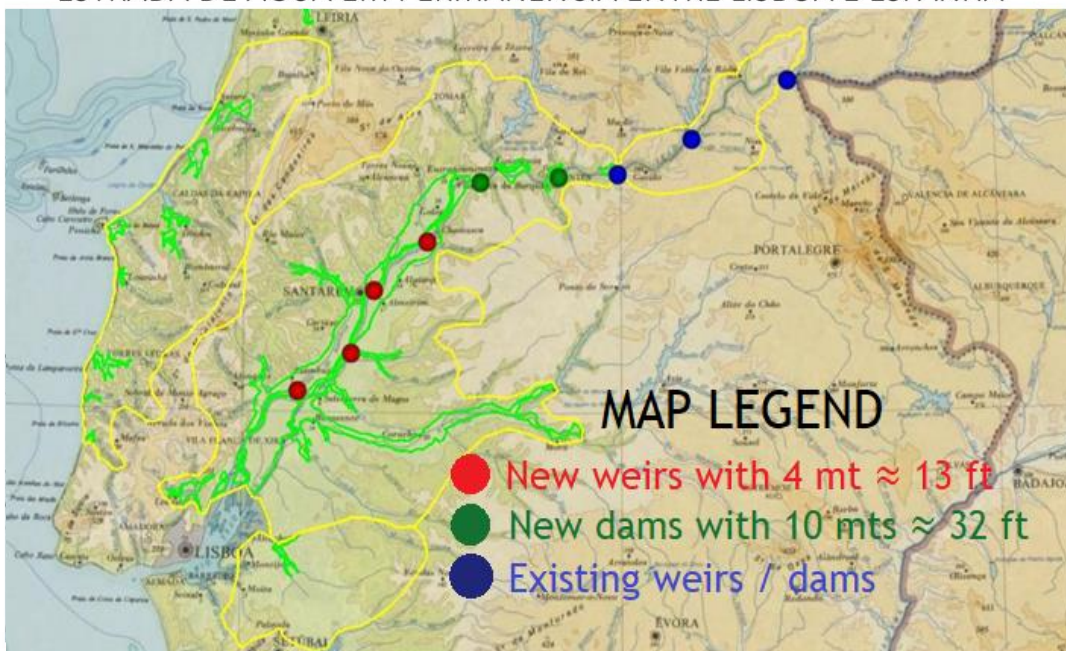


1. New dams and Transfers in Tagus River

A. New Tagus Project - Hydraulic Harnessing for Multiple Purposes of the Tagus and West

- AÇUDES NO TEJO

ESTRADA DE ÁGUA EM PERMANÊNCIA ENTRE LISBOA E ESPANHA



AÇUDES REBATÍVEIS,
BAIXADOS NO INVERNO,
SEM INUNDAÇÃO DOS
TERRENOS MARGINAIS,
ECLUSAS P/ BARCOS,
ESCADAS DE PEIXES



Last 127 km of free Tagus River

2 New Dams and 4 New Weirs
(Green + Red)

=

1.007 km from source
til the sea

Less (-)

880 km of dams and weirs



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa

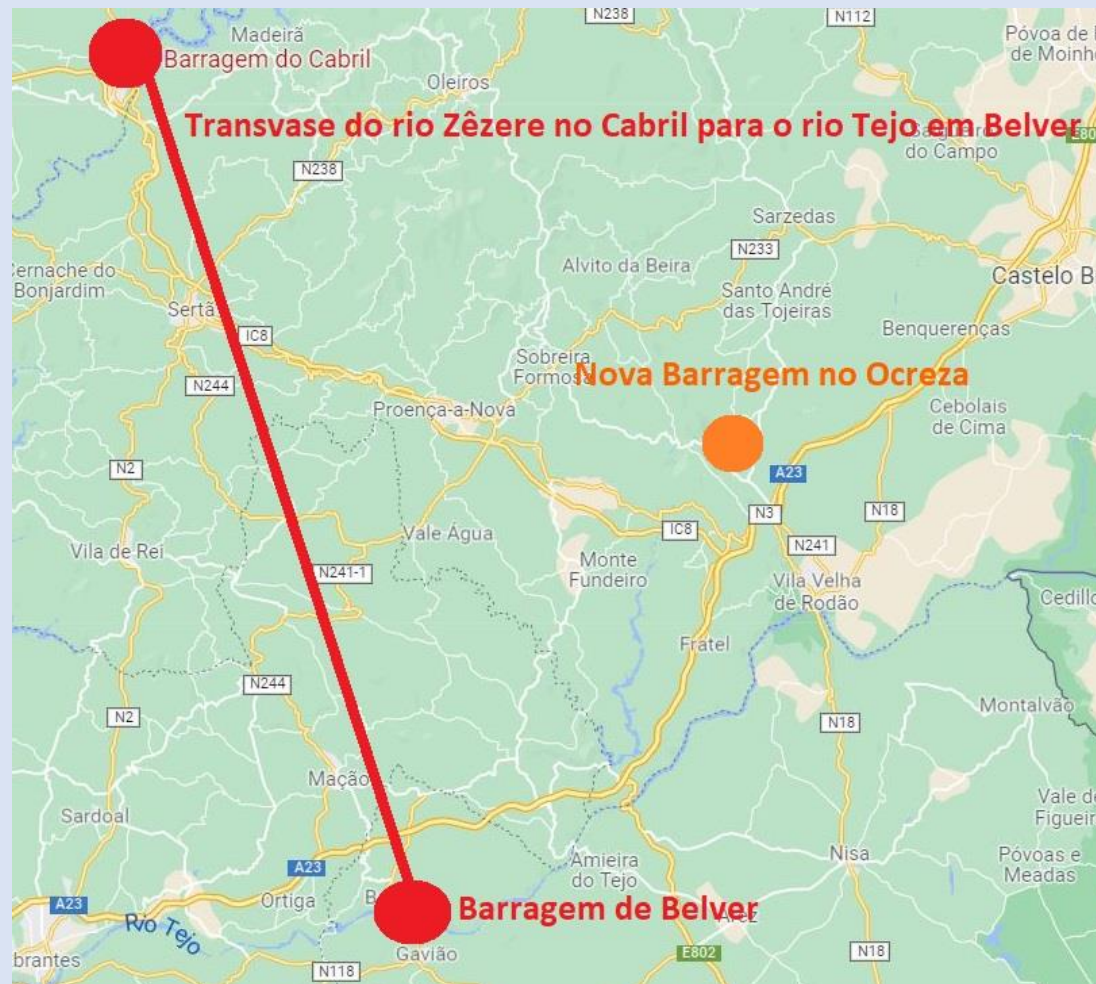


1. New dams and Transfers in Tagus River

B. 1 Big Dam Ocreza

+

C. 1 Transfer from Zêzere River to Tagus River





CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



1. New dams and Transfers in Tagus River

Ecological Negative Impacts

- i. Worse water quality and less water quantity
- ii. Fragmentation of habitats and ecosystems
- iii. Blocking fish migration
- iii. Loss of Biodiversity
- iv. Ecological imbalances in Tagus estuary
(nursery of Atlantic ocean / shelter for migratory birds)



Credits: [José Freitas](#)



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



1. New dams and Transfers in Tagus River

What is in risk at the Tagus estuary?



Credits: [José Freitas](#)



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa

 **DAM REMOVAL EUROPE**

1. New dams and Transfers in Tagus River

What is in risk at the Tagus estuary?



Credits: [Raquel Vasconcelos](#)



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



1. New dams and Transfers in Tagus River

What is in risk at the Tagus estuary?

P BIOLOGIA Documentário *Rios Urbanos* mostra “oásis de biodiversidade” dos estuários do Tejo e do Sado

Documentário *Rios Urbanos* mostra “oásis de biodiversidade” dos estuários do Tejo e do Sado

Realizador brasileiro espera que o documentário seja “o princípio do namoro entre os portugueses e a sua fauna marinha e fluvial”.

A estrela está marcada para 2020, na conferência dos oceanos da ONU, em Lisboa.

André M. Nóbrega - 18 de Outubro de 2019, 7:06



Credits: [Jornal Público](#)



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa

DAM REMOVAL EUROPE

1. New dams and Transfers in Tagus River

Economic Irrationality

Huge cost – 5.000 M€

= 1/3 of European funds for pandemic crise

= 8 x agriculture VAB in the Tagus basin

CUSTOS INVESTIMENTO



SISTEMA PRIMÁRIO 800 M€

- Açudes rebatíveis Tejo 250 M€
- Barragens 550 M€

SISTEMA DO BAIXO TEJO (210.000 ha) 1.950 M€

- Redes de adução e distribuição 500 M€
- Redes de rega 1.450 M€

SISTEMA DO MÉDIO TEJO (10.000 ha) 100 M€

- Redes de adução e distribuição 50 M€
- Redes de rega 50 M€

SISTEMA DO OESTE (40.000 ha) 700 M€

- Sistema de adução e distribuição 420 M€
- Redes de rega 280 M€

SISTEMA DE ALENQUER LOURES (20.000 ha) 300 M€

- Sistema de adução e distribuição 150 M€
- Redes de rega 150 M€

SISTEMA DE SETÚBAL (20.000 ha) 250 M€

- Sistema de adução e distribuição 100 M€
- Redes de rega 150 M€

DEFESA CONTRA CHEIAS 300 M€

- Diques e Marachas
- Ribeiras e Comportas
- Estações Elevatórias Enxugo e Valas

DIVERSOS 100 M€

- Redes Viária e Elétrica
- Diversos

INVESTIMENTO FINAL 4.500 M€ - 15.000 €/ha
(Alqueva Atual 50% Pressão 2.350 M€ - 19.000 €/ha)

INVESTIMENTO INICIAL NO REGADIO 120 M€
• 1 Açude + 2 Blocos de Rega (2 x 6.000 ha = 12.000 ha)

PREÇO ÁGUA DE REGA 55 €/ha + 0,045 €/m³
(Alqueva Pressão 55 €/ha + 0,059 €/m³)



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



1. New dams and Transfers in Tagus River

Interested Parts (Dam Lovers)

speculators with agricultural land - irrigated agriculture

cellulose industry (eucalyptus irrigation to burn for "biomass" energy)

cement industry- civil construction - public bankers – engineers – consultants

+

Governance Arc Political Parties

(major political parties)

Government's Agriculture Ministry



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



1. New dams and Transfers in Tagus River

Alternative - Water abstraction directly from the Tagus river

EPAL's Water Collection Station in Valada captures 240,000 m³/day of water by gravity at high tide without energy costs and at low tide using suction equipment.



[EPAL - Environmental Education: guided visit to the Valada Water Collection Station.](#)

Lower Cost – 10 M€ - and scale economies allow to **reduce** energy costs of water collection for agriculture.

Credits: [EPAL](#)



CONNECTED RIVERS

International seminar on scaling up dam
removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



The Tagus River has enough water for this project?

No!!!

**It is not acceptable
to take the entire annual flow
out of the river!**



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



ACTION REQUIRED

Complaint to the European Commission against Portugal and Spain

Non-compliance with European Biodiversity Strategy 2030

The European Biodiversity Strategy 2030 presents ecological restoration targets for ecosystems, namely rivers, in order to increase their connectivity.

The European Commission has established:

- ❑ the restoration of at least 25 000 km of rivers by removing obsolete barriers and restoring riparian ecosystems as a goal to be achieved under the European Biodiversity Strategy 2030.



CONNECTED RIVERS

International seminar on scaling up dam
removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



ACTION REQUIRED

Complaint to the European Commission against Portugal and Spain

Non-compliance with European Biodiversity Strategy 2030

**New hydraulic works for the construction
of dams and transfers increasing barriers
to the connectivity of the Tagus River**

=

**Contradiction and perversion of the objectives
defined by the European Union,
subscribed by Portugal**



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



ACTION REQUIRED

Complaint to the European Commission against Portugal and Spain

Non-compliance with European Biodiversity Strategy 2030

A further deterioration of the ecological status of the water bodies of the Tagus River and, for that reason,

- **prevents the achievement of the environmental objectives of WFD Article 4(1).**



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



2. "FREE THE NABÃO RIVER" POTENTIAL PROJECT RIVER RESTORATION, ENVIRONMENTAL EDUCATION AND FREE RIVERS

Tagus river

**1.007 km
from the source
to the Tagus
estuary**





CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

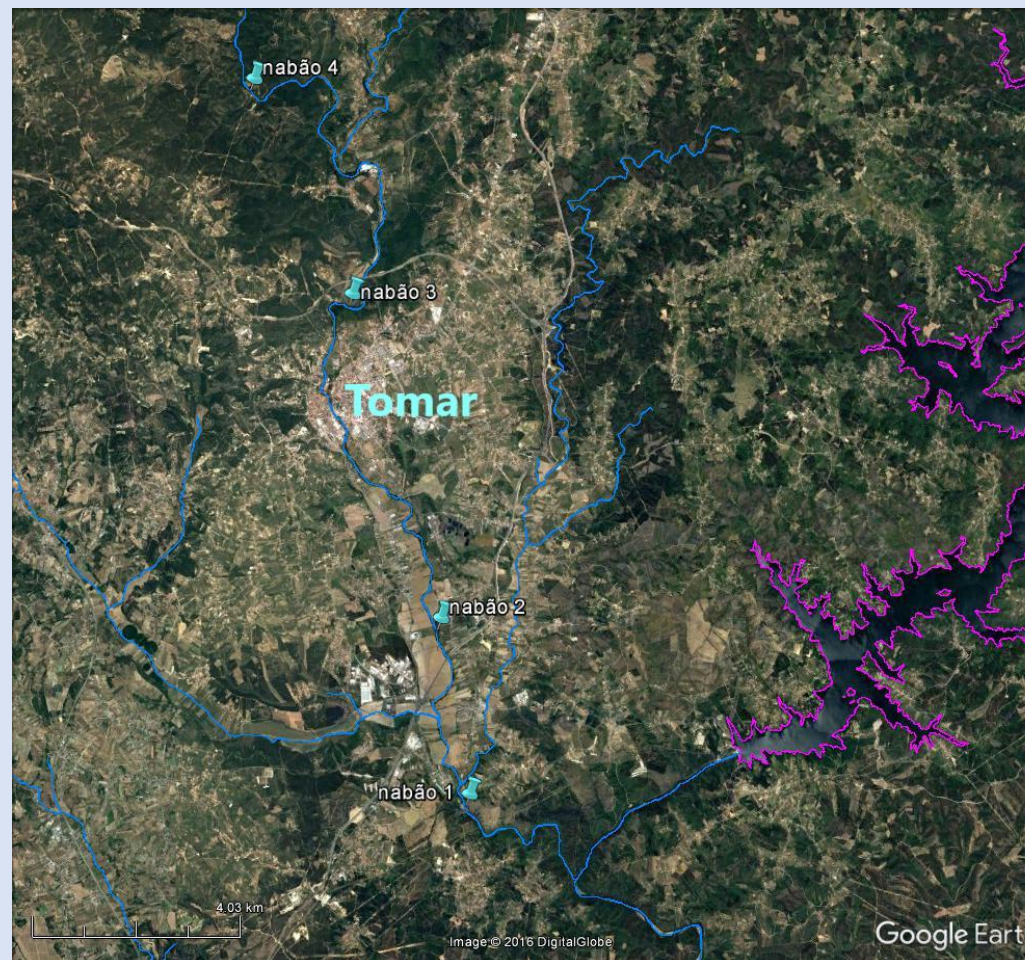
19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa

 DAM REMOVAL EUROPE

2. "FREE THE NABÃO RIVER" POTENTIAL PROJECT RIVER RESTORATION, ENVIRONMENTAL EDUCATION AND FREE RIVERS

Location of transversal infrastructures identified for assessment in the Nabão River

Source: [Working Group of the National Water Council for the IDENTIFICATION, STUDY AND PLANNING OF REMOVAL OF OBSOLETE HYDRAULIC INFRASTRUCTURES](#) , Lisbon, March 31, 2017





CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



2. "FREE THE NABÃO RIVER" POTENTIAL PROJECT RIVER RESTORATION, ENVIRONMENTAL EDUCATION AND FREE RIVERS

Objective – 26 km of a Free a Nabão River

1. Improve the conservation of water quality and quantity and the recovery of biodiversity, in particular migratory and non-migratory native freshwater fish species, contributing to the European Biodiversity Strategy 2030;
2. Involvement of the school community in river restoration
3. Design and build an Environmental Interpretation Center and create riverside leisure space at the site of the weirs to be removed



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



2. "FREE THE NABÃO RIVER" POTENTIAL PROJECT RIVER RESTORATION, ENVIRONMENTAL EDUCATION AND FREE RIVERS

Potential Partners

[proTEJO – Movement for the Tagus](#)

[Nature Association Portugal \(ANP\) / WWF](#)

[GEOTA - Spatial Planning and Environment Study Group](#)

[QUERCUS - National Nature Conservation Association](#)

[Engenho e Rios](#)

(enterprise for river rehabilitation with natural engineering techniques)

Potential Partners to Engage

[Municipality of Tomar](#)

[Portuguese Environment Agency](#)

[World Fish Migration Foundation](#)

[Dam Removal Europe](#)



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



2. "FREE THE NABÃO RIVER" POTENTIAL PROJECT RIVER RESTORATION, ENVIRONMENTAL EDUCATION AND FREE RIVERS

Why starting with the Removal of Matrena Weir?

1. The Matrena weir blocks the ascent of fish, eel, shad and lamprey, and its is strategic to allow fish to spawn upstream of the Nabão River:
 - i. fish that go up the Tagus River and enter its tributary river Zêzere, with cleaner waters, are blocked by the Castelo do Bode dam, which is impassable,
 - ii. the only option is to go up the Nabão river, an affluent of the Zêzere river, but they soon find the weir of Matrena that prevents them from going up the river.



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



2. "FREE THE NABÃO RIVER" POTENTIAL PROJECT RIVER RESTORATION, ENVIRONMENTAL EDUCATION AND FREE RIVERS

**Removal of the
Matrena Weir
and the impact
on Tagus basin**





CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



2. "FREE THE NABÃO RIVER" POTENTIAL PROJECT RIVER RESTORATION, ENVIRONMENTAL EDUCATION AND FREE RIVERS

Why starting with the Removal of Matrena Weir?

2. Matrena's paper factory became insolvent in 1999 and closed in 2013.
3. There are no other conflicting uses of the water or the water mirror, except an eventual construction of a hotel and the existence of a hydroelectric energy injection point

+ river connectivity and extend the progression of fish species

Removal of the remaining weirs or fish passages construction,

Marianaia, Pedra, Tomar city, Prado and Porto de Cavaleiros weirs,

upstream of the Matrena weir



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



2. "FREE THE NABÃO RIVER" POTENTIAL PROJECT RIVER RESTORATION, ENVIRONMENTAL EDUCATION AND FREE RIVERS

Nabão Weirs

Matrena Weir (1) - old Paper Factory + 5 km free river



Credits: [proTEJO - Paulo Constantino](#)



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

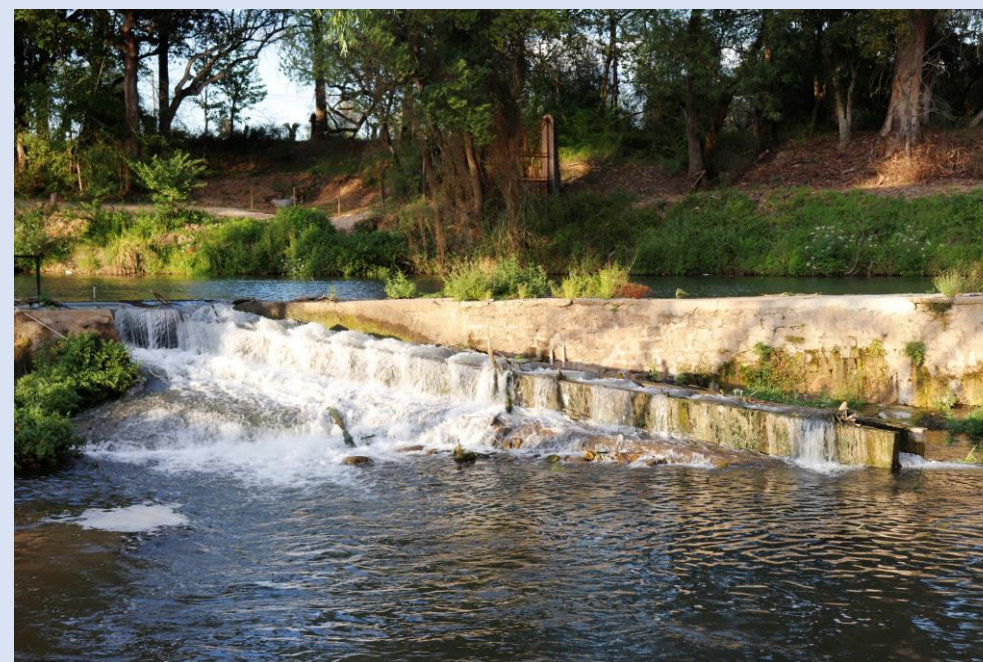
19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



2. "FREE THE NABÃO RIVER" POTENTIAL PROJECT RIVER RESTORATION, ENVIRONMENTAL EDUCATION AND FREE RIVERS

Nabão Weirs

Marianaia Weir (2) - old Paper Factory + 5 km free river



Credits: [proTEJO - Paulo Constantino](#)



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



2. "FREE THE NABÃO RIVER" POTENTIAL PROJECT RIVER RESTORATION, ENVIRONMENTAL EDUCATION AND FREE RIVERS

Nabão River in Tomar City

City Weirs 1 / 2 / 3 – fish passages + 3 km free river



Credits: [João Dias](#)



Credits: [Silvia Bastos](#)



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa

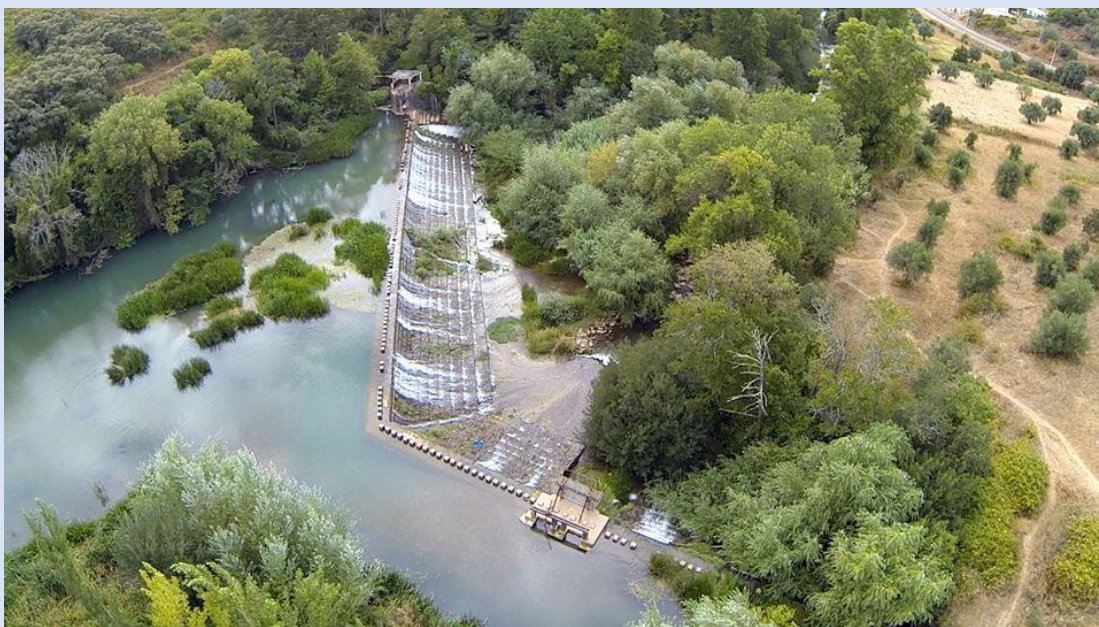


2. "FREE THE NABÃO RIVER" POTENTIAL PROJECT RIVER RESTORATION, ENVIRONMENTAL EDUCATION AND FREE RIVERS

Nabão Weirs

Pedra Weir (3) - old Spinning Factory + 3 km free river

Monument of Public Interest / ZEP, DR, 2nd series, no. 91 of 13 May 2013



Credits: [Rádio Hertz](#)



Credits: proTEJO - Paulo Constantino



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



2. "FREE THE NABÃO RIVER" POTENTIAL PROJECT RIVER RESTORATION, ENVIRONMENTAL EDUCATION AND FREE RIVERS

Nabão Weirs

Prado Weir - old Paper Factory + 5 km free river



Credits: [Natur Z](#)



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa

 **DAM REMOVAL EUROPE**

2. "FREE THE NABÃO RIVER" POTENTIAL PROJECT RIVER RESTORATION, ENVIRONMENTAL EDUCATION AND FREE RIVERS

Nabão Weirs

Porto of Cavaleiros Weir (4) - old Paper Factory + 5 km free river



Credits: [Green Trekker](#)



Credits: [TM Foto](#)



2. "FREE THE NABÃO RIVER" POTENTIAL PROJECT RIVER RESTORATION, ENVIRONMENTAL EDUCATION AND FREE RIVERS

Location of infrastructure

Infrastructure	Water line	Hydrographic basin	County	Parish	Geographic coordinates (WGS84)
Porto de Cavaleiros Weir (4)	Nabão River	Tagus	Tomar	União das Freguesias de Além da Ribeira e Pedreira	8°25'44.05"W 39°39'26.52"N
Stone Weir (3)	Nabão River	Tagus	Tomar	União das Freguesias de Além da Ribeira e Pedreira	8°24'24.49"W 39°37'12.19"N
Marianaia Weir (2)	Nabão River	Tagus	Tomar	São Pedro de Tomar	8°23'12.48"W 39°33'49.28"N
Matrena Weir (1)	Nabão River	Tagus	Tomar	Asseiceira	8°22'49.19"W 39°31'59.16"N

Source: [Working Group of the National Water Council for the IDENTIFICATION, STUDY AND PLANNING OF REMOVAL OF OBSOLETE HYDRAULIC INFRASTRUCTURES](#) , Lisbon, March 31, 2017



2. "FREE THE NABÃO RIVER" POTENTIAL PROJECT RIVER RESTORATION, ENVIRONMENTAL EDUCATION AND FREE RIVERS

Location of infrastructure

Infrastructure	Height (m)	Fish passage	Building type	Purposes	Owner	License/concession
Porto de Cavaleiros Weir (4)	2-3	No	Concrete	Weir of an old factory. No current use	Unknown	Status unknown. It is unknown whether there has ever been a reversal to the state
Stone Weir (3)	1	No	Stone masonry	No current use, it is possible that it is still used for irrigation.	Unknown	Status unknown. It is unknown whether there has ever been a reversal to the state
Marianaia Weir (2)	2,5	Yes / Bad	Concrete	Weir of an old factory. No current use	Unknown	Status unknown. It is unknown whether there has ever been a reversal to the state
Matrena Weir (1)	4	No	Concrete	No current use	Unknown	It was acquired recently for transformation in a hotel. For the Matrena weir, there is a request for a concession for the production of electric energy submitted by the current owners of the Factory, dated 2010. DGEG communicated that the aforementioned electric energy production facility is able to reconnect to the public service electric grid. and to be licensed.

Source: [Working Group of the National Water Council for the IDENTIFICATION, STUDY AND PLANNING OF REMOVAL OF OBSOLETE HYDRAULIC INFRASTRUCTURES , Lisbon, March 31, 2017](#)



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



**AND WHY ARE
FREE AND ALIVE RIVERS
SO IMPORTANT?**



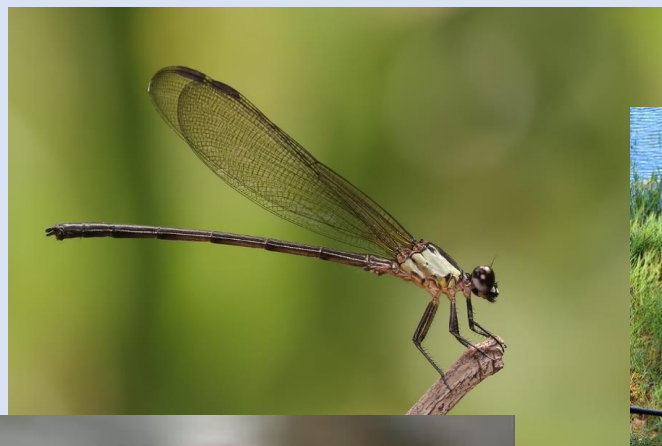
CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



II. Biodiversity and Life Sustainability





CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



II. Biodiversity and Life Sustainability

The role of free rivers

- a. Contribute to safeguarding and restoring biodiversity;
- b. Maintenance of ecological cycles and the sustainability of life through the services that ecosystems provide to society.

Dams and weirs add negative pressures on biodiversity, which requires:

- a. Ecological vision*** capable of identifying ***alternatives for action on the supply and demand of water;***
- b. Achieve a balance between satisfying human needs and conserving biodiversity*** to ensure continuity of the proper functioning of the ***vital cycles that sustain Life.***



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



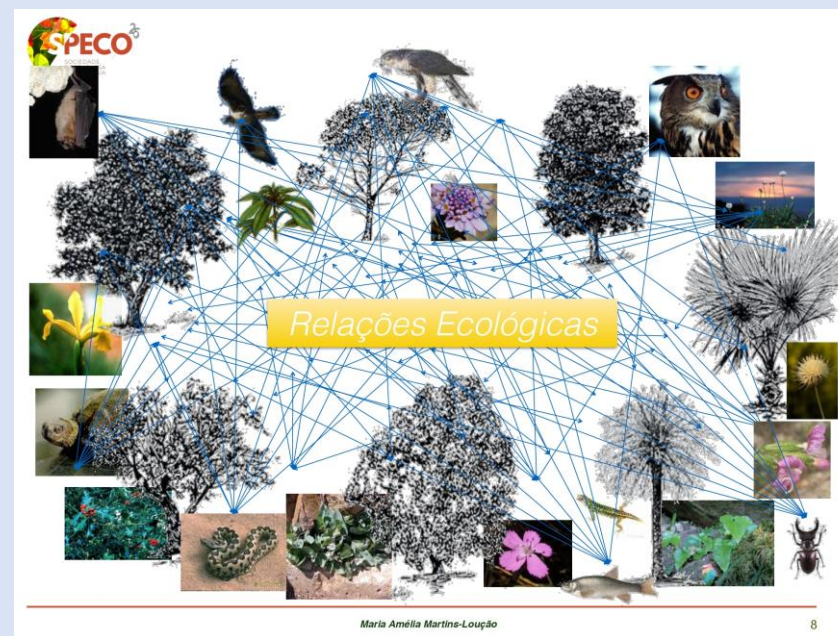
II. Biodiversity and Life Sustainability

Biodiversity as the basis of ecosystems provides services of greater importance to society, namely,

- *the **provision, regulation and purification of water**, which must be integrated and valued in environmental assessment and social well-being.*

"We must preserve every bit of biodiversity as invaluable as we learn to use it and understand what it means to humanity."

Edward O. Wilson





CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



FOR A FREE TAGUS

WORLD FISH MIGRATION DAY



LIVING SCIENCE SCHOOL
VN BARQUINHA
21 MAY 2022



proTEJO
Movimento Pelo Tejo



PROGRAM

10:00 am - “The fish species of the Tagus River” - Living Science School

10:00 am - “Native Fish Project” - Native Fish Project - Carla Santos

10:20 am - “The conservation of fish in our rivers” - Red Book of Freshwater and Migratory Fish - Isabel Domingos and Filomena Magalhães

10:40 am - “The story of Frankenstein on the Tagus River! How invasive fish threaten our migratory fish” - Project “MEGAPREDATOR” - MARE | Center for Marine and Environmental Sciences / Polytechnic Institute of Santarém - Higher Agricultural School - Filipe Ribeiro and João Gago

11:00 am - Transport by bus

Living Science School for the pier on the Tagus River on Avenida dos Plátanos

11:30 am - Scientific Fishing Demonstration (electric fishing)

Identification, measurement, weighing, environmental characterization and collection of fish tissues

Demonstration of scientific sampling techniques, netting, light traps and gillnets



CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa

DAM REMOVAL EUROPE

DIA MUNDIAL DA

MIGRAÇÃO DOS PEIXES

TEJO Vila Nova da Barquinha

9h30 Educação Ambiental
Escola Ciência Viva

11h30 Pesca Científica
Cais da Avenida dos Plátanos

SOUSA Lousada

9h15 Caminhada (3 Km) e
Pesca Científica -
à descoberta da paisagem
protegida do Sousa Superior
Parque de Vilela, Aveleda

WORLD FISH
MIGRATION DAY
21 Maio



MIGRAÇÃO DOS PEIXES



PARTICIPE NAS ATIVIDADES!

JUNTOS A CELEBRAR A BIODIVERSIDADE E OS RIOS:





CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



Let's Dive into a Living Tagus?





CONNECTED RIVERS

International seminar on scaling up dam
removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa

 **DAM
REMOVAL
EUROPE**

Let's join the President?





CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa



But Before...





CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa

 DAM
REMOVAL
EUROPE

CONTACTS

Spokes persons

Ana Silva (+351922273439)

Paulo Constantino (+351 919 061 330)

Site: <http://protejo.pt>

Blog: <http://movimentoprotejo.blogspot.com>

Email: proTEJO.movimento@gmail.com

Grupo: <http://groups.google.com/group/proTEJO>

Distribution Group: proTEJO@googlegroups.com

proTEJO in Facebook: <http://www.facebook.com/movimentoprotejo>

Adhere to the proTEJO Cause in Facebook: <http://www.causes.com/proTEJO>

CONNECTED RIVERS

International seminar on scaling up dam removal as a river restoration tool in Europe.

19 - 21 May
19th and 20th - Seminar
21st - Fieldtrip
2022
LNEC, Lisboa

 DAM
REMOVAL
EUROPE



TANK YOU

AND HAVE A NICE SEMINAR!