

# Dam Removal Europe

*We love our rivers wild*

Jeroen van Herk  
[www.damremoval.eu](http://www.damremoval.eu)



WORLD FISH MIGRATION  
FOUNDATION

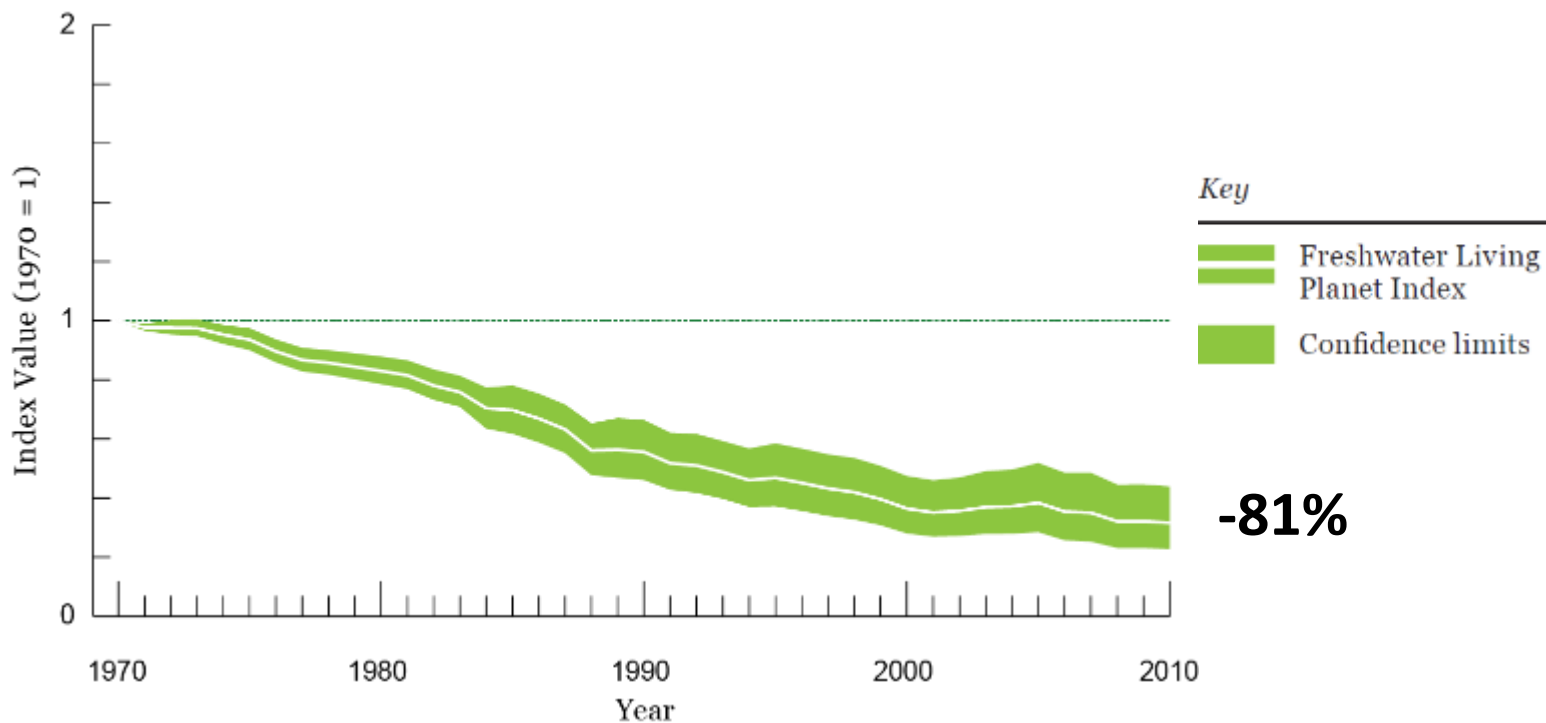


The  
Rivers  
Trust



# Fresh water LPI 1970 - 2010

The freshwater Living Planet Index



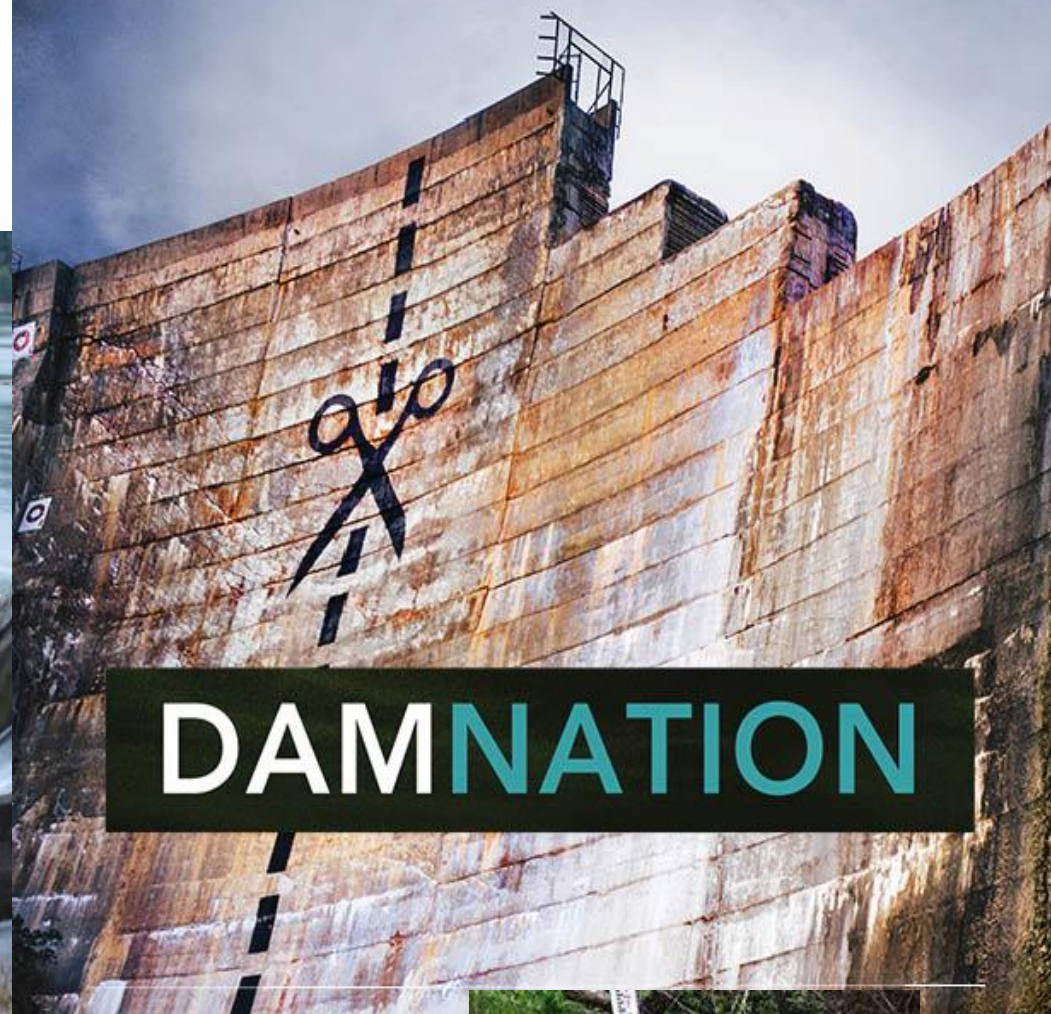


## Fresh water LPI 1970 - 2010





Oct 05 11 18:26:52





# DRE Ambition

Free flowing rivers full of life for people  
and nature *by removing old, obsolete  
dams*



## Why remove dams?

Most eco-efficient measure

Danger

Cost effective i.r.t. maintenance costs

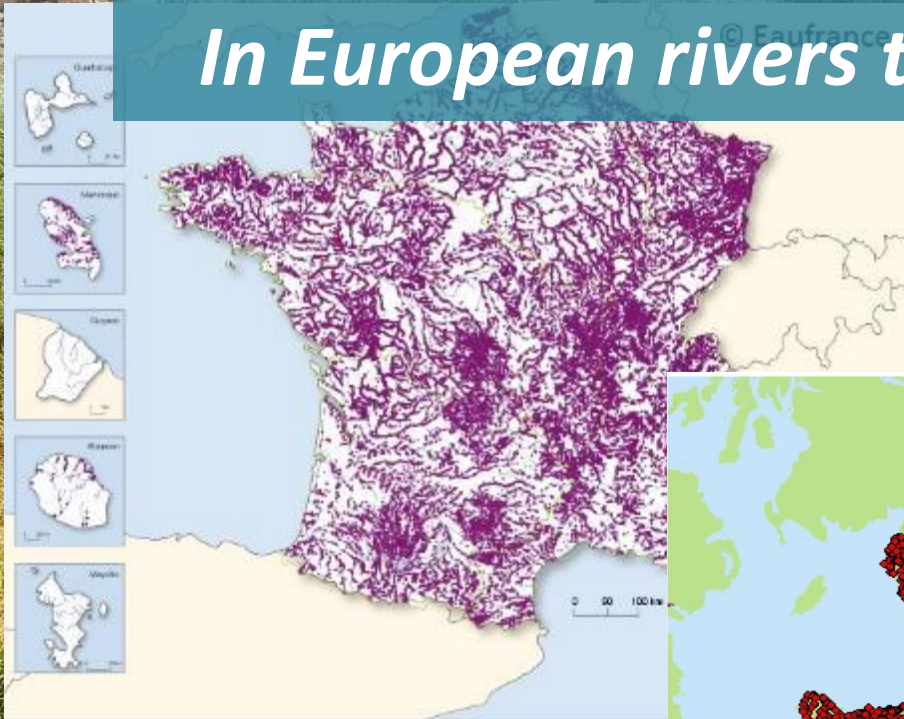
Delivers WFD objectives

Strong way to involve people

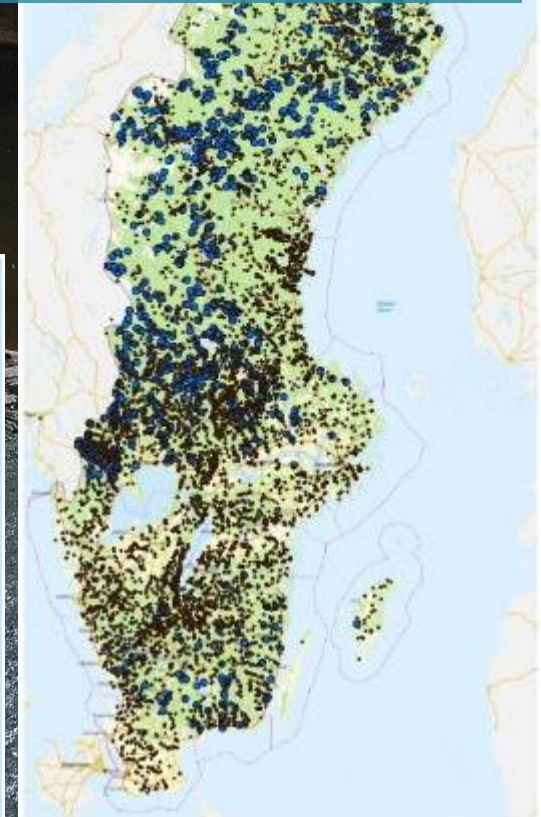


# Situation in Europe 2018

*In European rivers there is a barrier every km*



France: 83,795 man-made ob



SWEDEN: 9,298 barriers





# Situation in Europe 2018





The background of the slide is a collage of four photographs showing different stages and types of dam removal projects. Top left: A large concrete dam structure with a building behind it. Top right: A yellow CAT excavator on a bridge over a river. Bottom left: A green excavator working on a dam structure in a river. Bottom right: A large, mossy concrete dam structure with people walking on top.

**Situation 2018 on Dam Removal:**  
France: 7.000 (large and small)  
Sweden: 1.600 (mostly small)  
Finland: 450  
England & Wales: 129



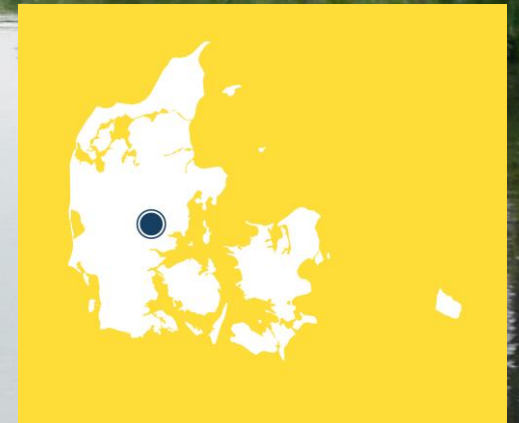
Situation 2018:

*30.000 obsolete dams in Europe...*

*Potential: 24 times the length of  
the Rhine can be freed!*



# CASES: VILHOLT HYDRO POWER STATION





# CASES: VILHOLT HYDRO POWER STATION



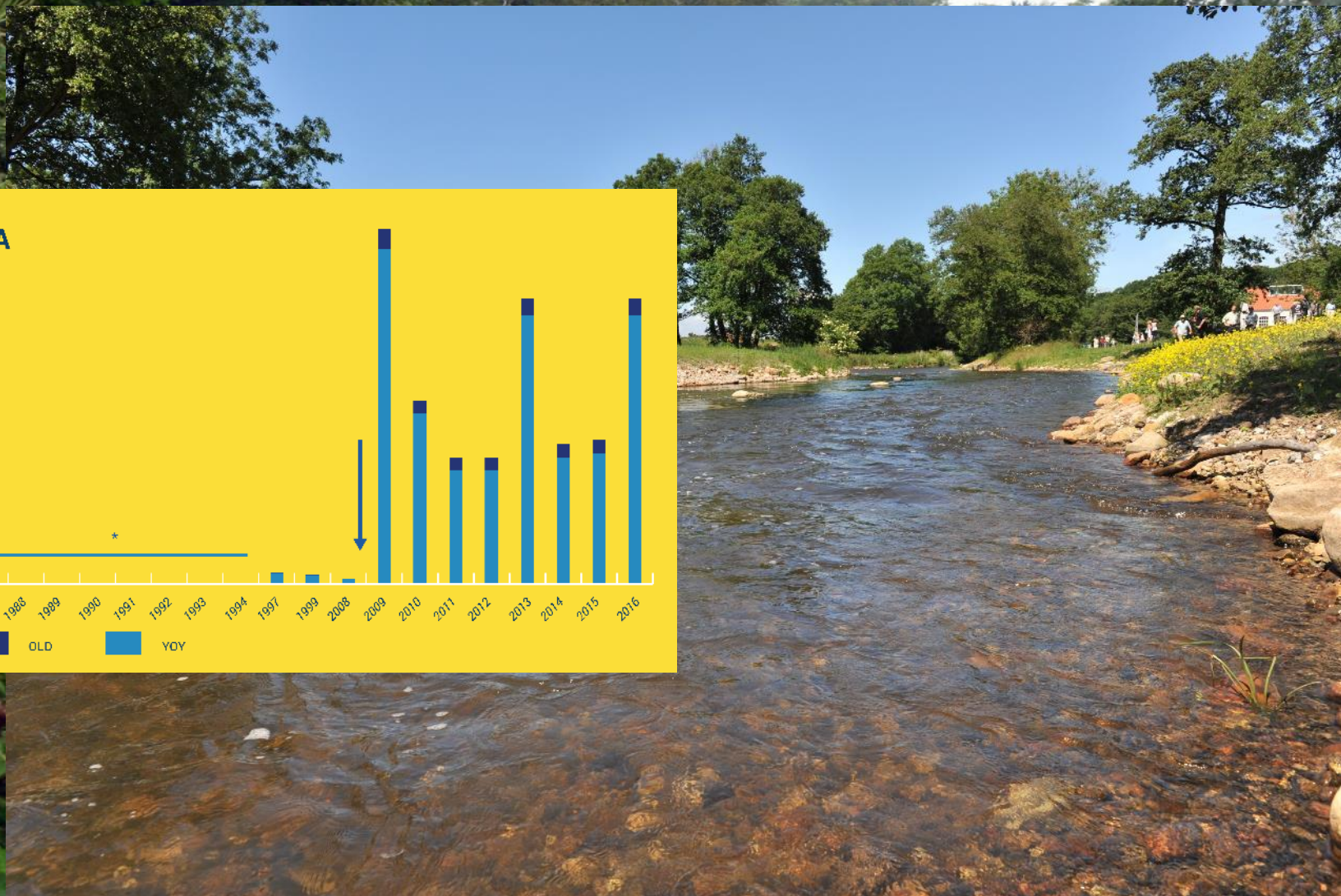
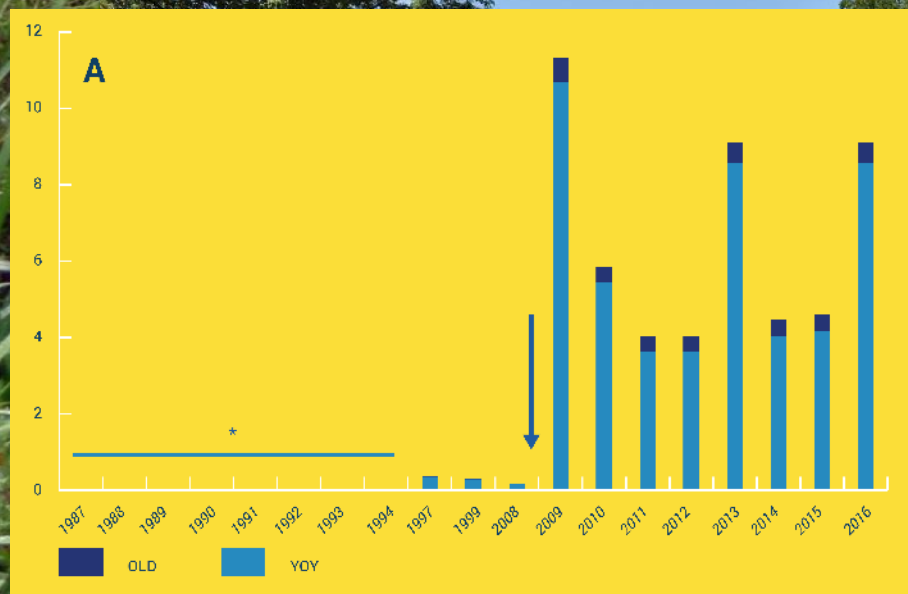


# CASES: VILHOLT HYDRO POWER STATION



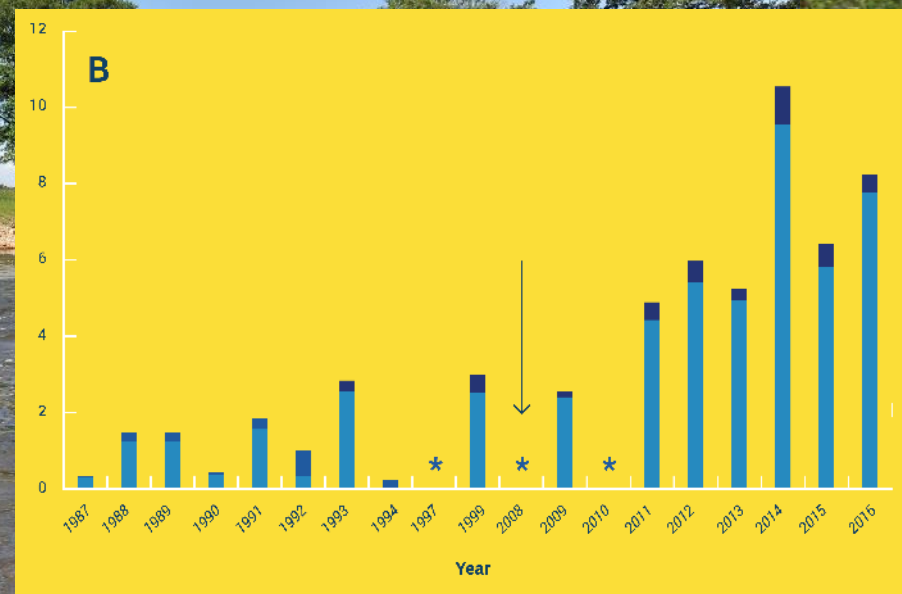
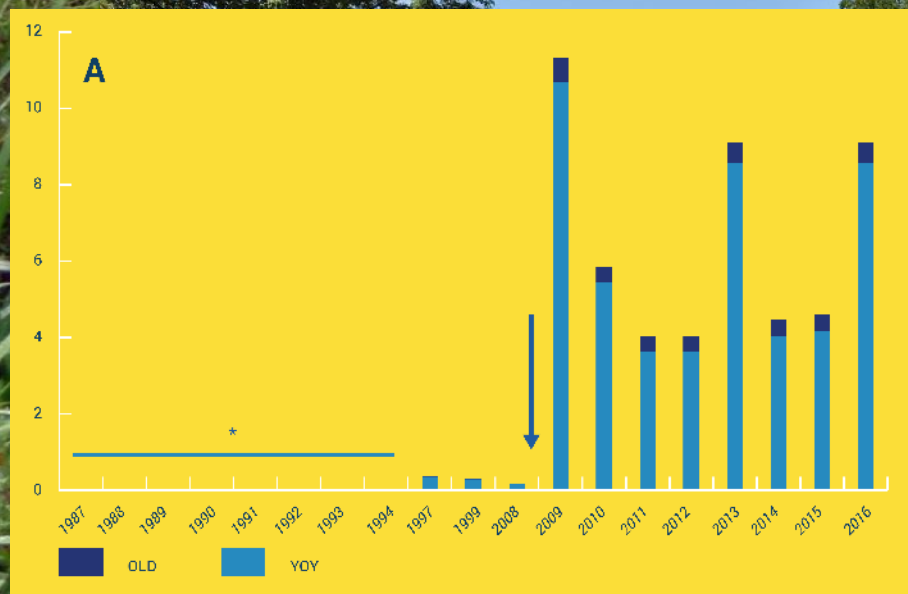


# CASES: VILHOLT HYDRO POWER STATION





# CASES: VILHOLT HYDRO POWER STATION





## Conclusions cases:

1. Fish species react swift and strong
2. River habitats are restored
3. Contribution to WFD, Eel Recovery Plan, Natura 2000
4. Local economy and identity can benefit
5. Often a delicate and emotional issue for communities



# Dam Removal Europe – an open invitation

1. Knowledge exchange & inspiration
2. Create awareness
3. DRE network
4. Policy agenda
5. Finance



# Knowledge exchange, inspiration and awareness



- Leon, Spain. November 2016.
- Birmingham, UK. September 2017.
- Madrid, Spain. April 2018.
- Vilnius, Lithuania. July 2018.
- Hudiksvall, Sweden. September 2018



# Knowledge exchange, inspiration and awareness







# Knowledge exchange, inspiration and awareness

Dam Removal Europe x (1) LinkedIn x Remove Sunny Bank dam, Torver x (2) Dam Removal Europe - Sunny x +  
https://damremoval.eu/news/



Home About News Events Maps Case studies References Prom

## News

News

**Dam Removal  
Europe causing a  
stir**

[Read Article](#)

Dam removal News  
Planned barriers

**Local community  
members band  
together to save  
their river**

[Read Article](#)

Dam removal

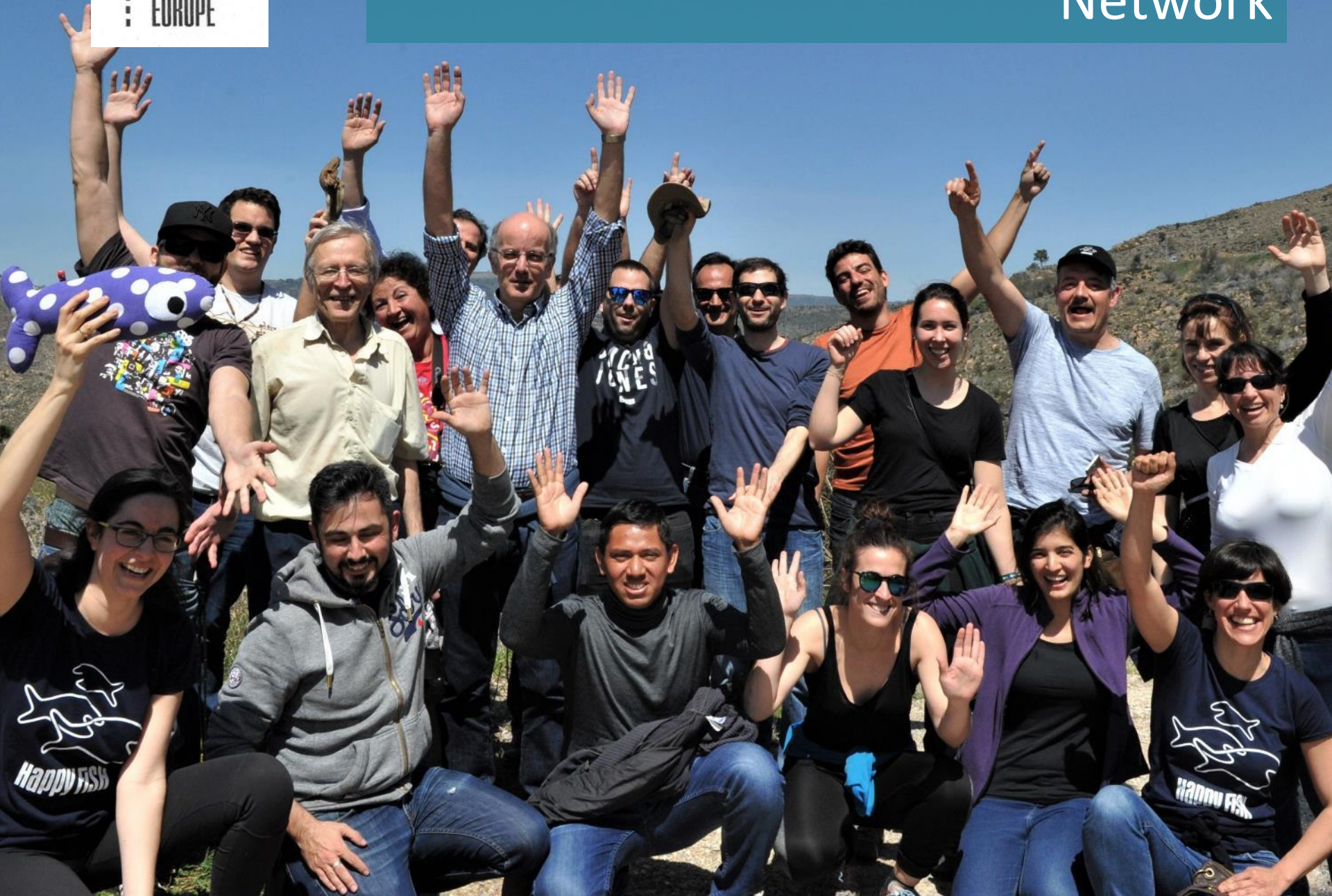
Happy Fish Journey  
Hydropower

**How to remove  
hydro-power  
and the lessons  
learned**

[Read Article](#)









# Network



# SIX THINGS YOU SHOULD KNOW ABOUT DAMS IN EUROPE

## Policy agenda

1. Mapping dams in Europe & prio's
2. Dam removal integrated into RBMP
3. Involvement of local communities
4. Alternatives to new dams

1

There is almost one dam per kilometre of river!

2

Dams have long-term negative impacts on river landscapes, nature and fish.

3

Dams have been useful for society, but many are now obsolete.

4

Removing obsolete dams can be safer and cheaper than maintaining them.

5

Experience shows that after dam removals, there have been spectacular recoveries of river habitats and returns of fish.

6

Removing obsolete dams can be of great benefit for the identity of local communities and economies.

REMOVAL  
**A VIABLE  
SOLUTION  
FOR THE  
FUTURE  
OF OUR  
EUROPEAN  
RIVERS**





laopinioncoruna.es/galicia/2018/07/15/inicia-galicia-derribo-presas-electricas/1310201.html#

Servicios 15 de julio de 2018 SUSCRÍBETE Identifícate

40 AÑOS

La Opinión A Coruña

Local Galicia Más noticias Deportes Economía Opinión Cultura Ocio Vida y estilo

Galicia Mar Sociedad CONCELLOS

La Opinión A Coruña » Galicia

0 f t g+ in

# El Estado inicia en Galicia el derribo de presas eléctricas que agotaron el plazo de concesión

La Confederación del Miño-Sil trabaja con los proyectos de demolición de "cinco o seis" aprovechamientos n Este es el destino de los saltos que no tengan rentabilidad

X. A. Taboada | Santiago | 15.07.2018 | 00:54

Tras décadas llenando los ríos gallegos de aprovechamientos hidráulicos y saltos eléctricos, Galicia parece decidida a poner límites a las barreras que se suceden en los cauces fluviales. La Xunta ha adoptado la política de frenar la autorización de nuevas concesiones destinadas a la producción de electricidad, pero la Confederación Hidrográfica del Miño-Sil (CHMS),



## Contenido para



La mejor cerveza es coruñesa 27-09-2018



La línea 24 del b A Coruña llegará y Arteixo 27-09-2018



La vagina más p la pintura ya tien 26-09-2018



El divorcio 'galle Fominaya 27-09-2018



Operación Triunfo 2018 | La música en gallego llegará al

SIX THINGS YOU SHOULD KNOW



best benefit for the identity of local communities and economies.



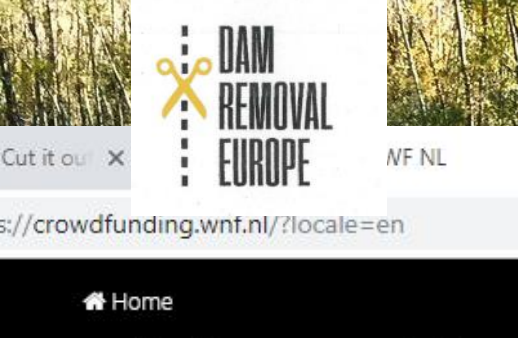
10:21 28-9-2018 26

EUROPEAN RIVERS

12

DAM REMOVAL EUROPE





# Finance

- Large donors & EU programs
- Crowd funding

WERELD NATUUR VIDEO

raised € 2.735  
19% reached

## Removal Danube Delta Dams, Ukraine

We are going to work on ten dams in the Ukraine. They are located in the rivers Kagach and Kagilnyk, which are part of a wetland in the Danube Delta. A total of 28,000 euros is needed to remove these Danube Delta Dams. If we collect half of this (14,000 euros) through crowdfunding, RewildingEurope will finance the other half together with local parties. Dam Removal Europe movement is working to restore our European rivers by removing dams and hence make important steps...

<https://crowdfunding.wnf.nl/> >

WERELD NATUUR VIDEO

raised € 90  
0% reached

Removal Crosthwaite culvert, Lake District UK >

WERELD NATUUR VIDEO

raised € 1.895  
63% reached

Remove Sunny Bank dam, Torver Beck UK >





# Finance

## - Large donors & EU programs

## - Crowd funding

### Remove Sunny Bank dam, Torver Beck UK



Campaign Donors **16** Contact More info Our experts: Bart and Mike FAQ

We are going to work on the 'Sunny Bank Dam' in Northern England. A total of 3,000 euros is needed to remove this dam.

Help us turn the tide! It would allow European rivers to flow freely again and all that beautiful nature will get the space she needs. With only 20 euros you can help us!

Where are the dams? Check the map



€ 1.895 raised

Our goal € 3.000 | reached 63%



5 fundraisers 1 team 16 donations

Donate now

Start fundraising

Choose an amount

€ 20

You rock!  
Sunny Bank: You'll be shown images of the dam removal en will receive a certificate (PDF) signed by Mike and Bart and you will receive updates about the project.

3 donors

€ 50

You're worth a dam!  
You'll receive a WWF beaver stuffed animal and previous mentioned rewards.

2 donors

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10:26

28-9-2018

26



## **Dam Removal Europe – an open invitation** ***Offer:***

1. Network of specialists & inspiration
2. Seminar on Dam Removal in your country
3. Crowd funding for “ready to go, old dams”

### ***We seek for:***

1. Data on removed dams
2. List of “10 large priority dams”
3. Supporters
4. “Change makers” to put DRE on the map



# Dam Removal Europe – agenda 2019

1. Removal dams Selune, France
2. Seminar in Germany/Aus/Schweiz
3. Seminar in Lithuania
4. Presentation at ICPDR
5. River film festival Amsterdam



# Coming up: Removal of 2 dams in Selune river, France, spring 2019

[www.damremoval.eu](http://www.damremoval.eu)

