WORLD FISH MIGRATION FOUNDATION

- World Fish Migration Day (WFMD)  
  www.worldfishmigrationday.com

- Dam Removal Europe (DRE)  
  www.damremoval.eu

- Adaptive Management of Barriers in European Rivers (AMBER)  
  http://amber.international

- From Sea to Source 2.0  
  www.fromseatosource.com

- Swimway Posters  
  www.swimway.org

PLEASE JOIN US IN 16TH MAY 2020!!!
Fish Passage Conference 2012 – Amherst, MA, USA

How many river barriers are there in Europe? How many have been removed?

- **European Environmental Agency**: There are currently about **7,000 large dams** in Europe
  - Spain approx. 1,200
  - Turkey approx. 610
  - Norway approx. 364
  - UK approx. 570

- **International Commission on Large Dams (ICOLD)**: **59,071 dams** data corresponding to registered dams only
Dam removals in Europe  
> 4,500

- FRANCE:  ≈ 2,300
- SWEDEN:  ≈ 1,600
- FINLAND: > 500
- SPAIN: > 250
- UK: > 150
- NETHERLANDS: 50
- ESTONIA: 10
- BELGIUM: tbd
- GERMANY: tbd
- SWITZERLAND: tbd
- DENMARK: tbd

Source: https://www.damremoval.eu/dam-removal-map-europe/
Portrait of a new European movement of opening up swimways in rivers
Selune Valley Revival - 5th DRE International Seminar
Rennes 24th September 2019 (France)

Dam Removal Europe
www.damremoval.eu
- **Growing Network**

  **Facilitating information**
  - Website
  - Newsletters

  **Sharing knowledge and experiences**
  - International seminars
  - National seminars

  **Putting dam removal in policy-makers agenda**
  - Policy Report (July 2018)

>1,200!!
• Growing knowledge

Vezins Dam removal (France)

Enobieta Dam removal (Spain)
• Growing knowledge

Arase Dam removal, Kuma River (Japan)
A barrier almost every kilometer

First indications AMBER project (Horizon2020) after collecting river barrier inventories through all Europe and after 1,000 km of rivers surveyed:

• Over 450,000 records in inventories
• Estimation: 1,000,000 barriers
• Approx. 1 barrier every kilometer

Source: https://amber.international/european-barrier-atlas/
Growing Outreach

Mapping the world’s free-flowing rivers

G. Grill, B. Lehner, [...] C. Zarfl

The Downside of Dams: Is the Environmental Price of Hydroelectric Power Too High?
Adaptive Management of Barriers in European Rivers

- Growing Outreach

**Barrier Tracker**
WORLD FISH MIGRATION DAY

As many types of events as you could imagine
Kayak trips, boat rides, citizen science programs, school activities, museum expositions, seminars, movie screenings, etc.

Connecting fish, rivers and people!
WFMD2018: 570 events worldwide!
MERCI BEAUCOUP!
THANK YOU!

Contact us!
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News, cases studies,
conference presentations and
more in
www.damremoval.eu/