



REMOVE 
THE DAMS
FREE OUR RIVERS

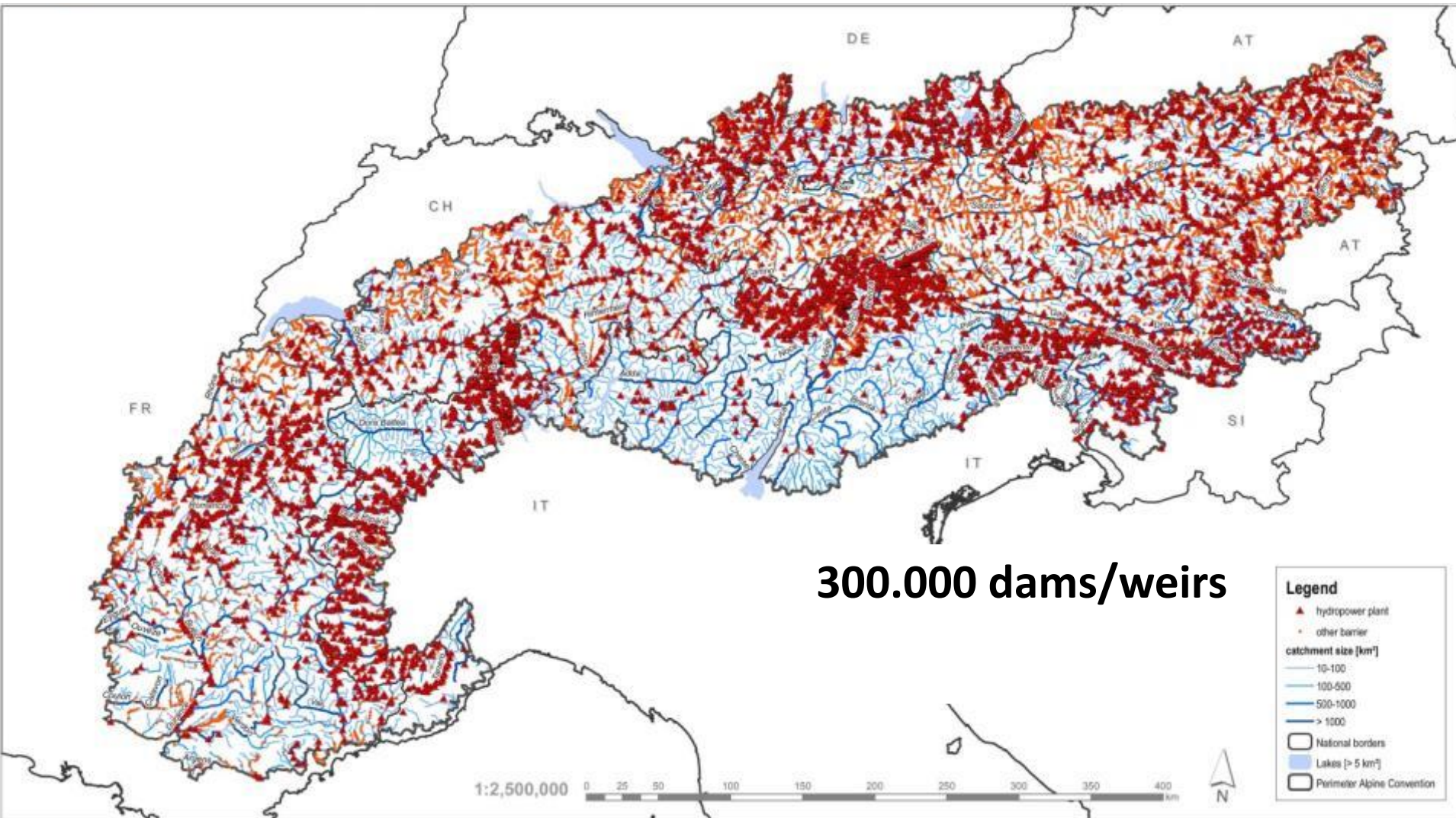
RiverWatch


*Manfred
Hermesen
Stiftung*
für Natur und Umwelt

WEG ✂
DAMMIT
BEFREIT UNSERE FLÜSSE



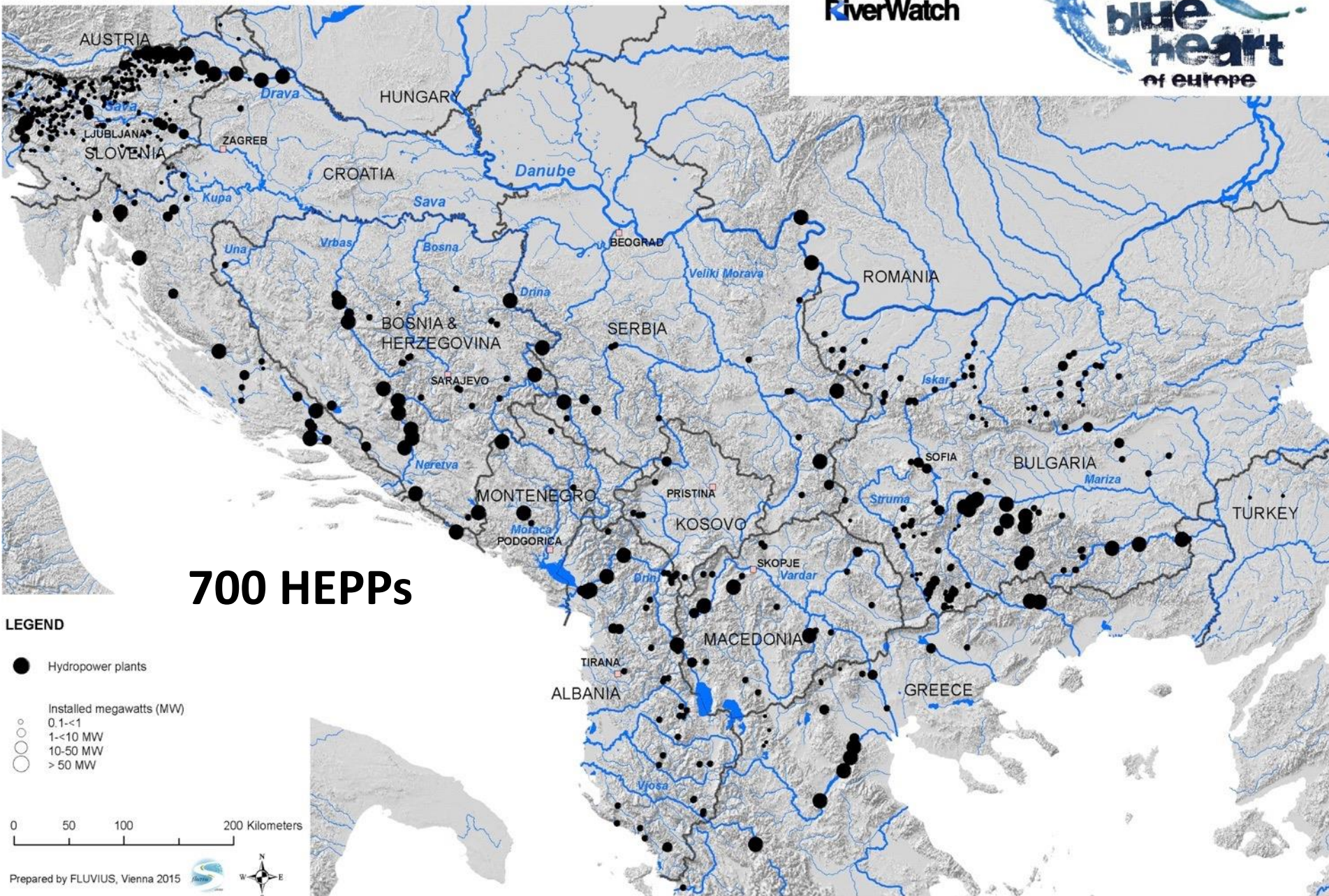
Focus Area: Alps



Existing hydropower plants in Balkan rivers

euRONATUR FOUNDATION

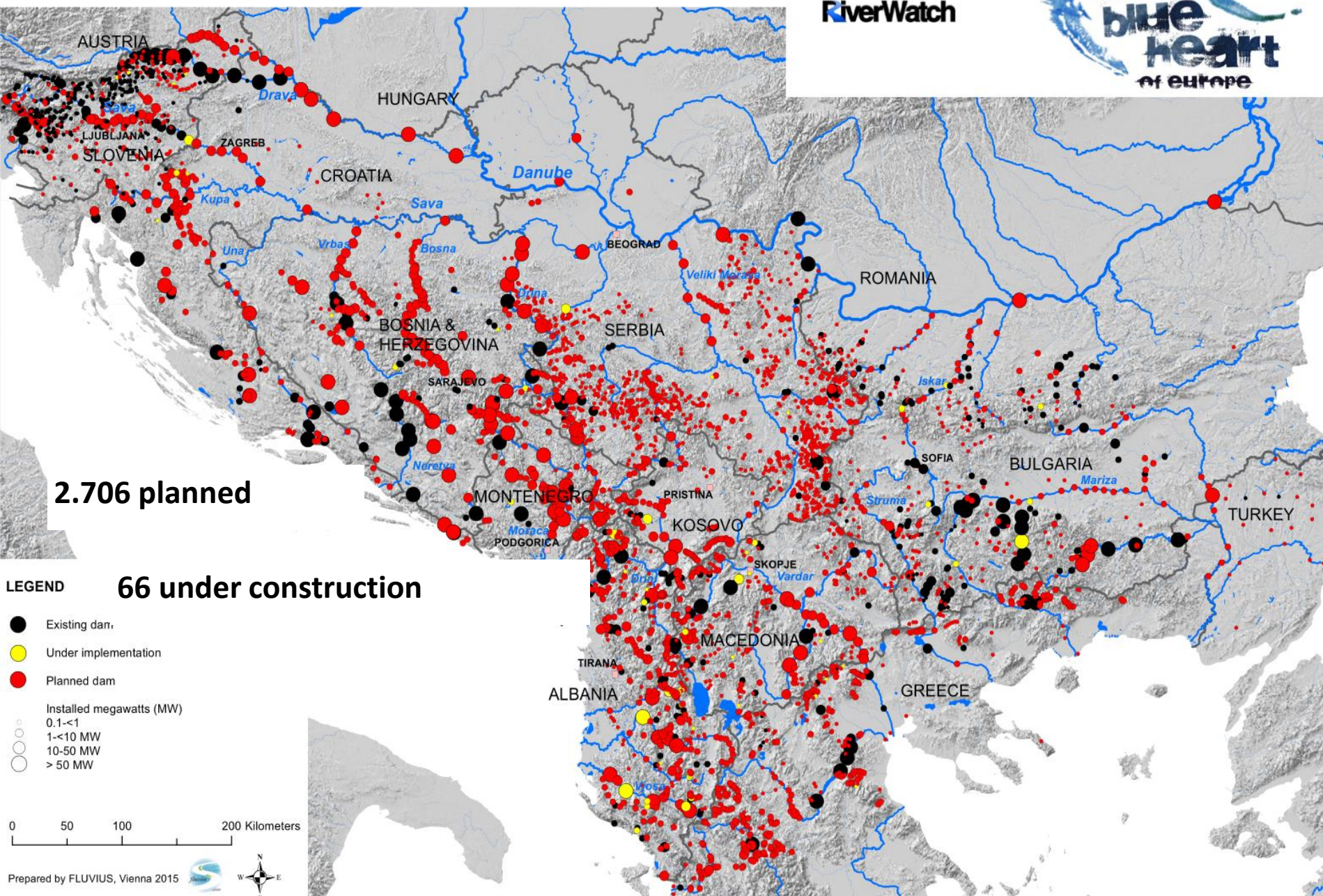
RiverWatch



Hydropower plants in Balkan rivers

euRONATUR FOUNDATION

RiverWatch













THE VJOSA IN ALBANIA
Europe's last big wild river
www.balkanrivers.net

© Gregor Subic









What we want

Make dam removal known in Alpes and Balkan

Use dam removal as strategy against new dam projects

Create dam removal networks in the regions

Remove dams

Questionnaire: which dam to be removed in people's opinion

Location of the barrier

Please indicate the name of the river and if known the name and location of the dam/ weir/ barrier.

Name of river:

Name of dam/ weir/ barrier:

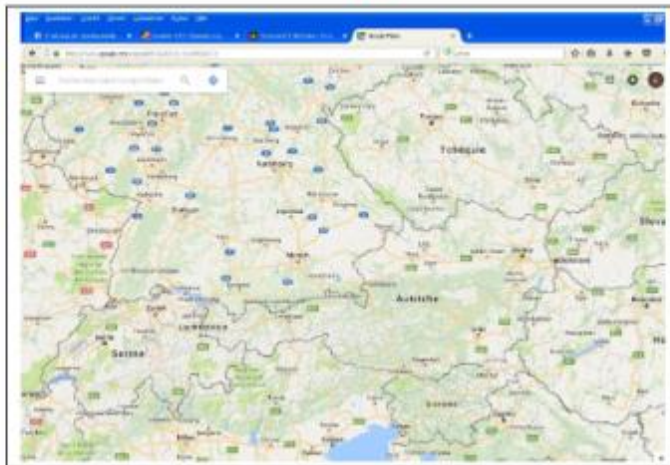
Location (town/village/street/path) of the dam, weir or barrier:

Coordinates (if available):

Please indicate in the map the location of the dam/ weir/ barrier.

(zoom into the map and fix the location with a right mouse click)

Move the red bottom to dam location in the map



Can you please describe the type of barrier (please tick "x" the appropriate):

x

1. Hydropower

Height (m):

Year of construction (approximately):

Capacity of hydropowerplant (MegaWatt):

Until when the licence is still valid?

Further information:



Example: Hydropowerplant, photo: ERN, Roberto Eppe

2. Weir

Height (m):

Year of construction (approximately):

Further information:

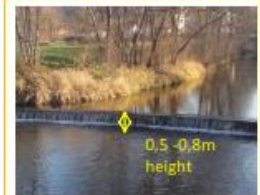


3. Ground sills

Height (m):

Year of construction (approximately):

Further information:



Example: ground sill, photo: EZB - Muehlbauer

4. Other barrier

Height (m):

Year of construction (approximately):

Description of the barrier:

Fish species in the river

If you know the fish species living in the river, please make a cross or indicate them below.

Fish species:

☐ **Grayling** (*Thymallus thymallus*)

☐ **Nase** (*Chondrostoma nasus*)

☐ **Barbel** (*Barbus barbus*)

☐ **Brown trout** (*Salmo trutta*)

☐ **Danube Salmon** (*Hucho hucho*)

Other fish species, please list them:

Not known:

☐

Protected area

Is the dam/ weir/ barrier located in a protected area?

☐ **No**

☐ **Not known**

☐ **Yes**

Name of the protected area: _____

For instance: Triglav National Park

☐ National Park

☐ Natura 2000 area

☐ Protected area

☐ Not known

Further informationen:

Length of created free flowing river kilometers

If the dam/ weir/ barrier is removed, how long would be the length of the river that will be accessible again?

New free flowing river length: ____ km: ☐ < 0-5km; ☐ 5-20km, ☐ >20km

☐ **Not known**

Further informationen:

Fish passages

Is the dam/ weir/ barrier equipped with a fish passage?

☐ **No fish passage exists**

If existing, what kind of fish passage is it:

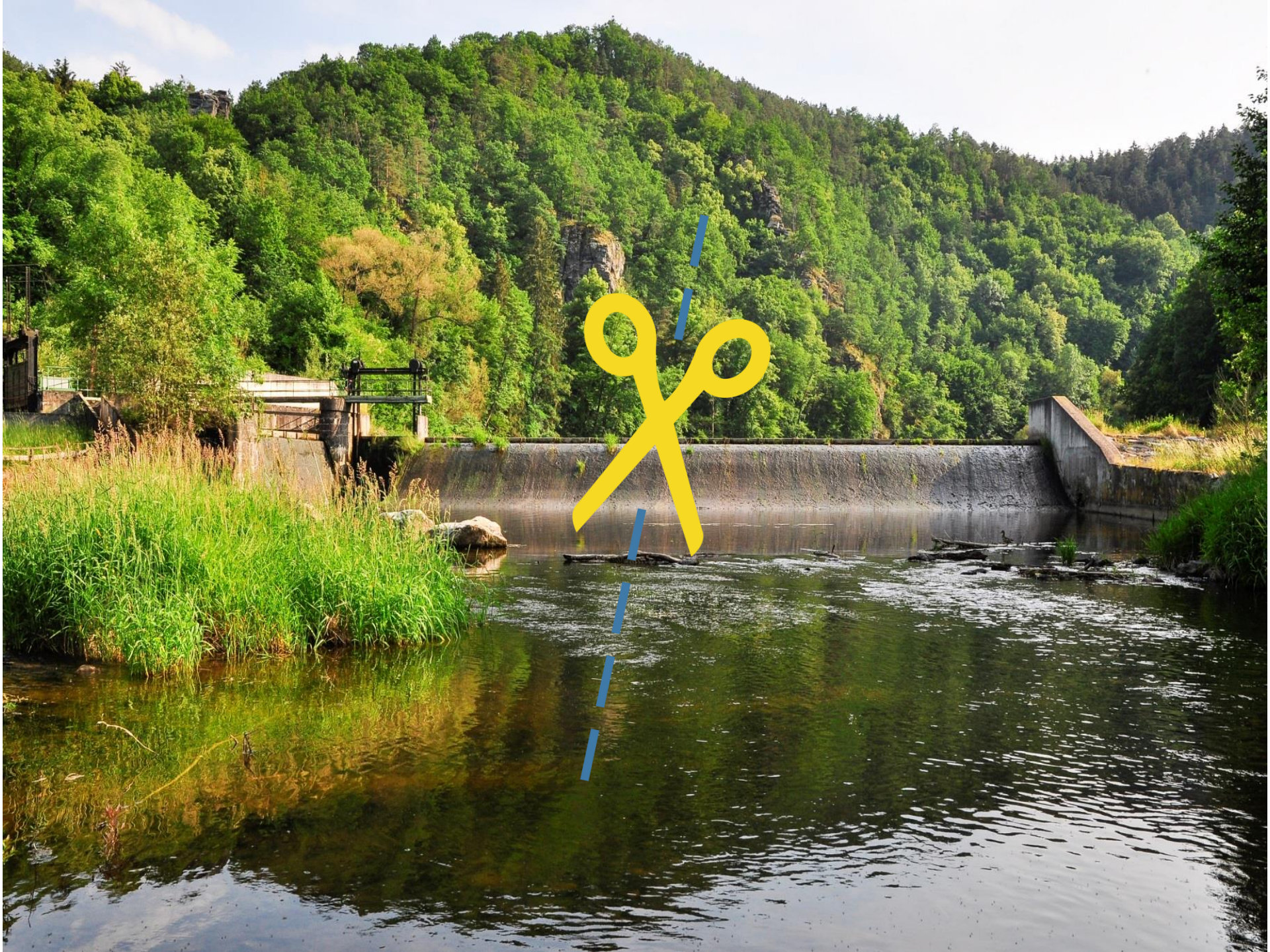
☐ **Fish ladder**

☐ **Fish bypass**

Information whether fishes can pass over the fish passage, or not:

Timeline

- Autumn 2017: Send out questionnaire
- Winter 2017/18: Priorisation of dam list
- Summer 2018: List of 50 dams to come down
- Focus on 3 dam projects, find funding for 1 person/dam project











Political Demands



**Every revitalisation of existing HEPP
must consider removal option**

Funds for removal must be available

Stop subsidies: EU revision in EU by 2020



EU: 23.000 HEPPs registered

21.000 < 10 MW (= 91%)

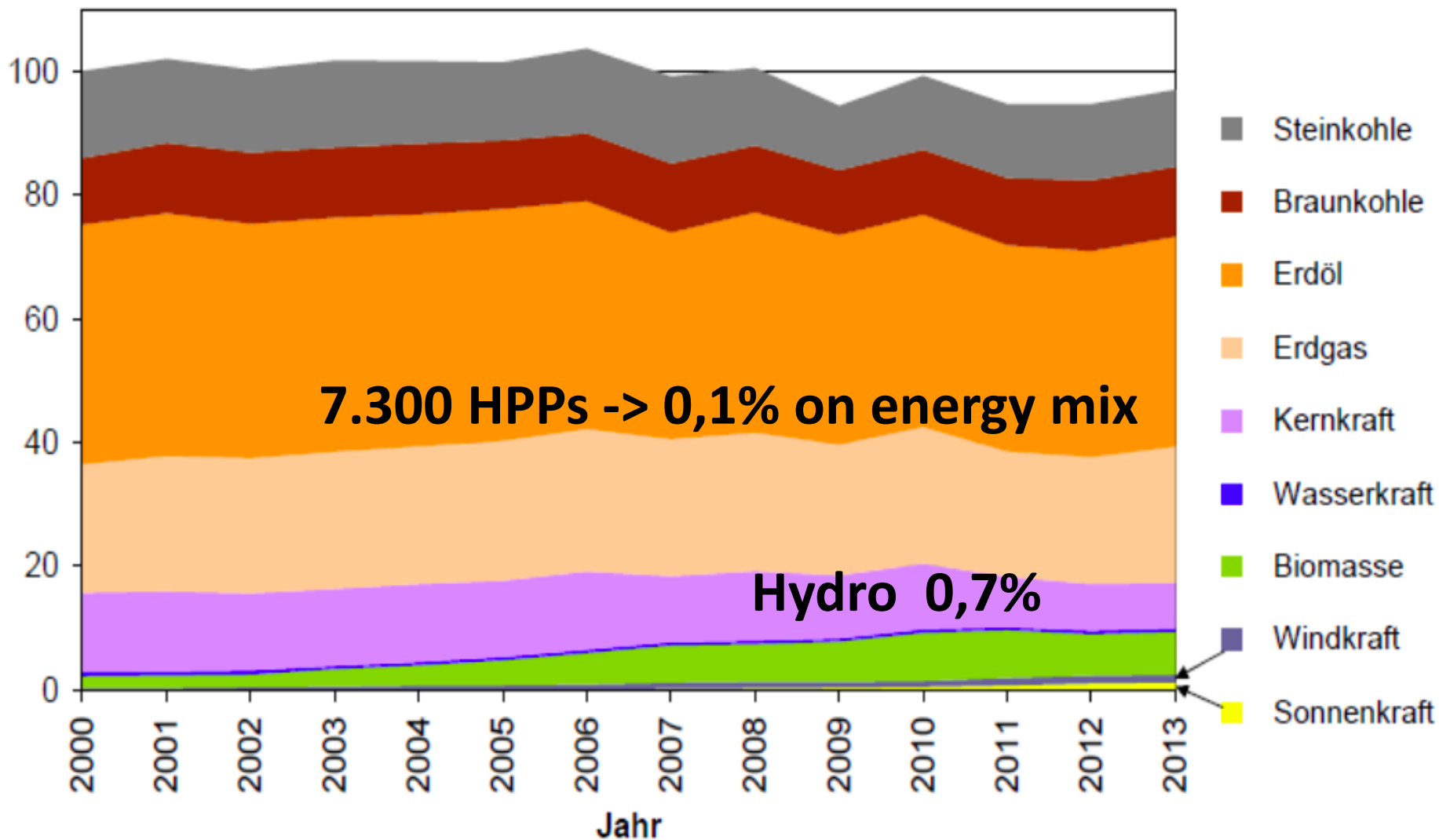
2.000 > 10 MW (= 9%)

-> The 9% produce 87% of hydro electricity

Germany: 7.700 hydropower plants

-> 7.300 produce 15% of hydro electricity

Energieverbrauch in Deutschland



The Altenau Story



07.02.1991



Sie saßen auf dem Podium im Attelner Birkenhof: (v. l.) Prof. Dr. Bernd Gerken (Tierökologe), Dipl.-Ing. Andreas Vollmer (Wasserbauer), Wilhelm Hüsemann (StaWa), Ulrich Eichelmann (Auenökologe), Prof. Dr. Wolfgang Feige (Geograph) und Albrecht Runde (Wasserverband).

Fotos: Zygar

250 Zuhörer bei Podiumsdiskussion „Vertrocknet die Altenau?“

Kein Gutachter für Dauerstau Altenau soll renaturiert werden

Lichtenau-Atteln (Iz). Die Front der Dauerstau-Freunde bröckelt, zudem steht der Altenau allem Anschein nach eine Renaturierung bevor. Rund 250 Besucher verfolgten am Dienstagabend im Birkenhof in Atteln gespannt die Podiumsdiskussion zum Thema „Vertrocknet die Altenau?“. Alle vom Heimatverein geladenen Experten sprachen sich gegen einen Erhalt des Dauerstaus aus.

Mit einer viele überraschenden Neuigkeit wartete einer der Zuhörer, Kreisdirektor und Mitglied der Versammlung des Wasserverbandes für das obere

nach Kaups Meinung der Tierökologe Prof. Dr. Bernd Gerken von der Universität Paderborn (Abteilung Höxter). Er nannte die Dauerstaus „Fremdkörper

gestellter Dauerstau auch wieder formal legal beseitigt werden. Hüsemann wies darauf hin, daß vor zehn Jahren Ökologen noch einen Dauerstau gefordert hätten. Heute sei die offizielle Landeslinie aber, einen Stau zu vermeiden und nur Hochwasserspitzen durch einstauen zu kappen. Ein naturnaher Gewässercharakter solle erhalten oder wieder hergestellt werden.



2015





The Altenau Story

A kingfisher bird with vibrant blue and green feathers is shown in mid-action, catching a fish in its beak. The bird is positioned centrally, with its wings spread wide, revealing the intricate patterns on its feathers. The background is a soft, out-of-focus mix of yellow and blue, suggesting a natural aquatic environment. The water around the bird is splashing, with droplets visible in the air.

51 dams/weirs removed

9,5 km Altenau restored

30 km opened up – 1st time since 17th century

4 Mio Euro invested



European Rivers Days

2018 Balkans

2020 Portugal



RIVERS UNITE
DAMS DIVIDE
RiverWatch

www.riverwatch.eu