

Join hands in Beaver-dig-land!

Dutch Mammal Society

Vilmar Dijkstra,



Content

Reintroductions, Europe

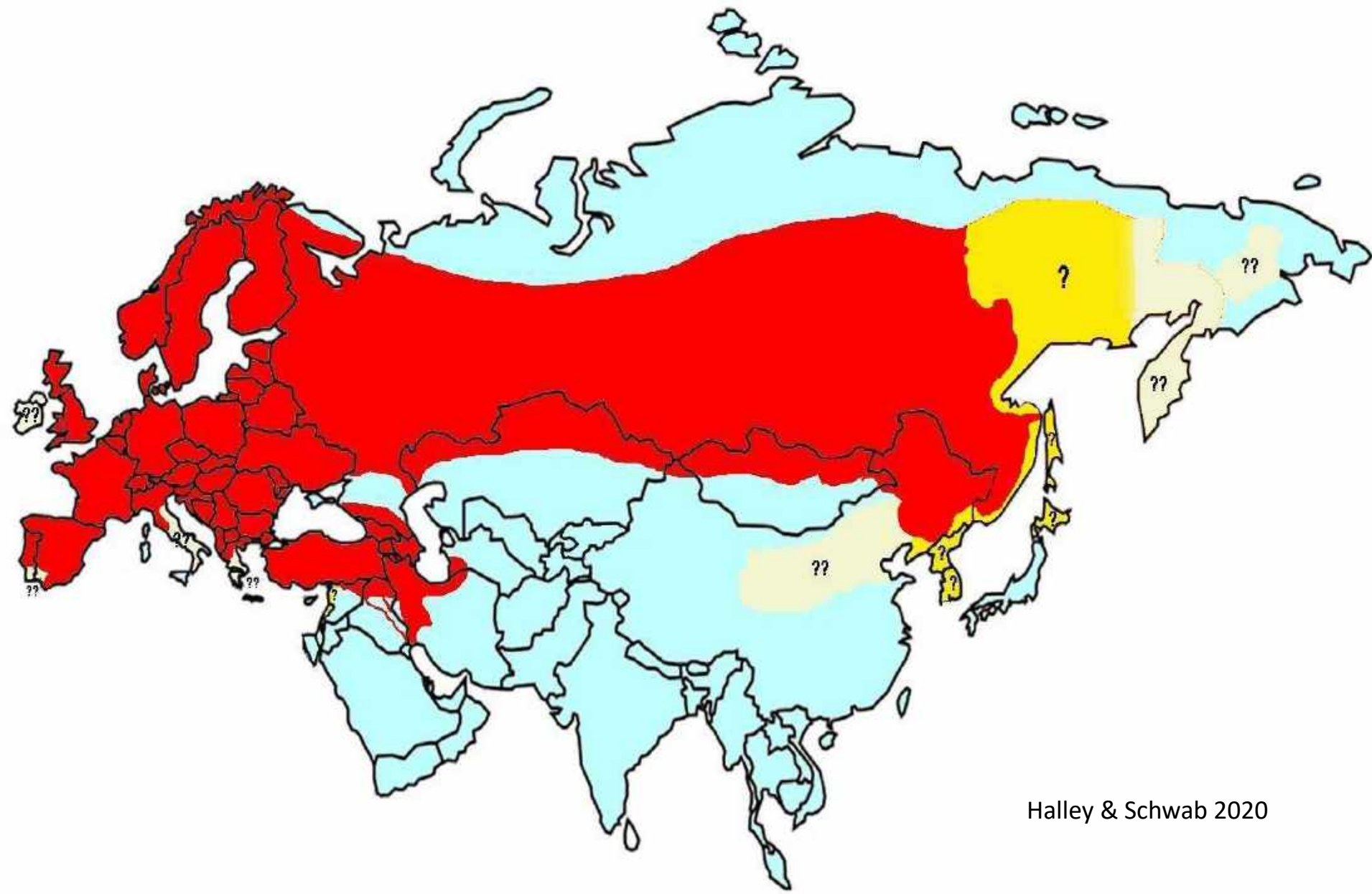
Distribution & numbers, Eurazia

Development in damage by beavers, Netherlands

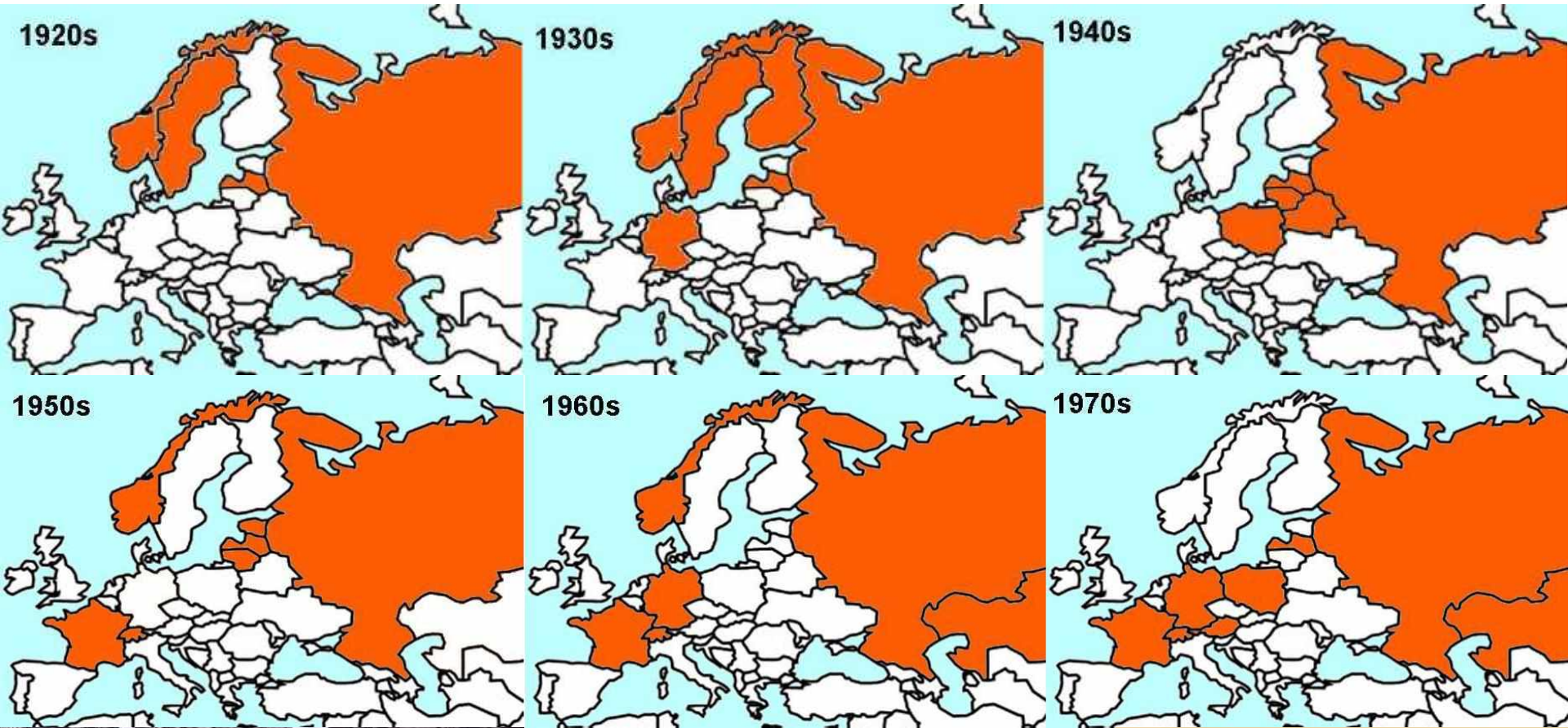
Join hands



Probable post Ice-Age distribution of beavers in Eurasia



Beaver reintroductions in Europe by decade, 1920s-1970s



Halley & Schwab 2020



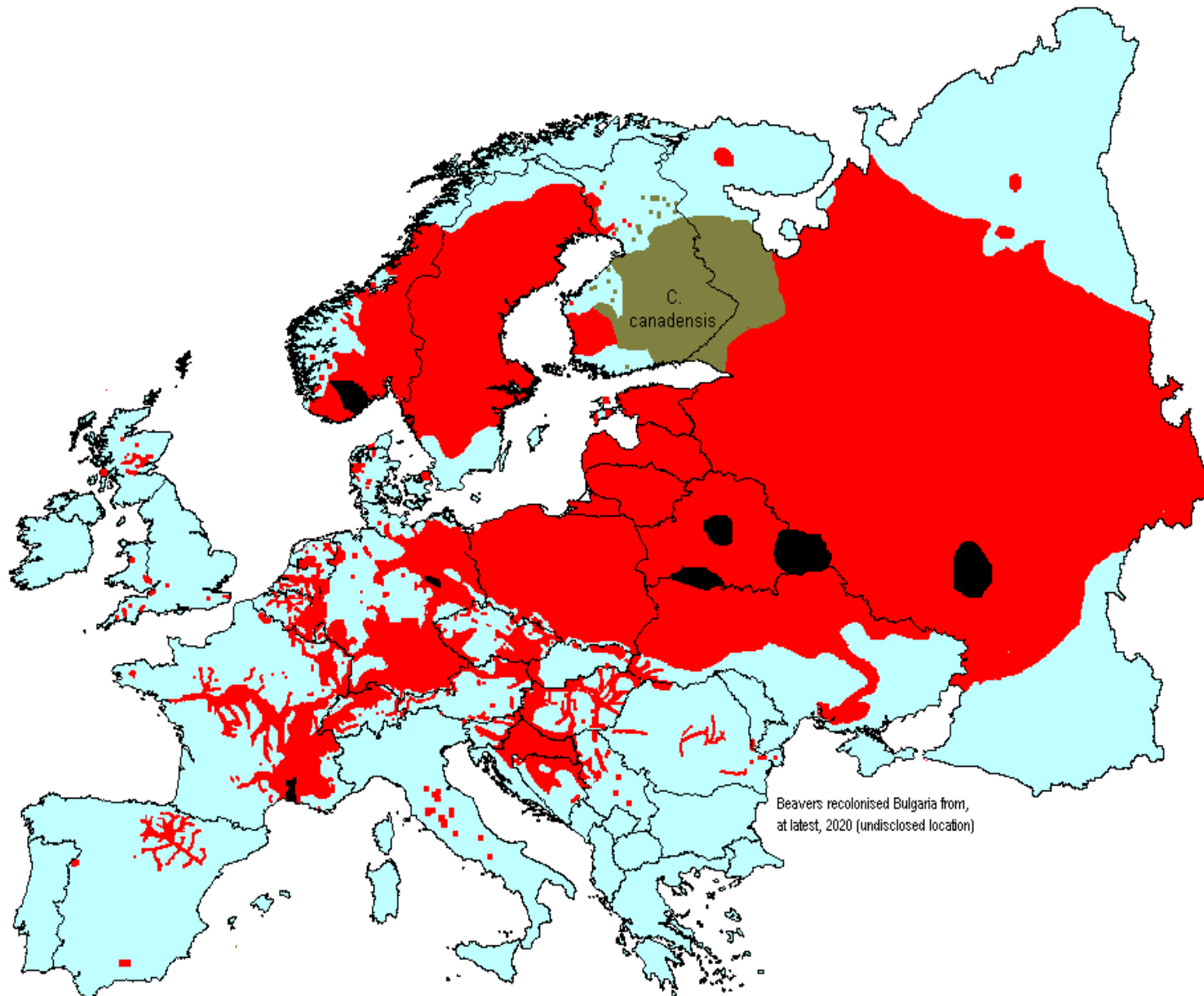
Beaver reintroductions in Europe by decade, 1980s-2010s



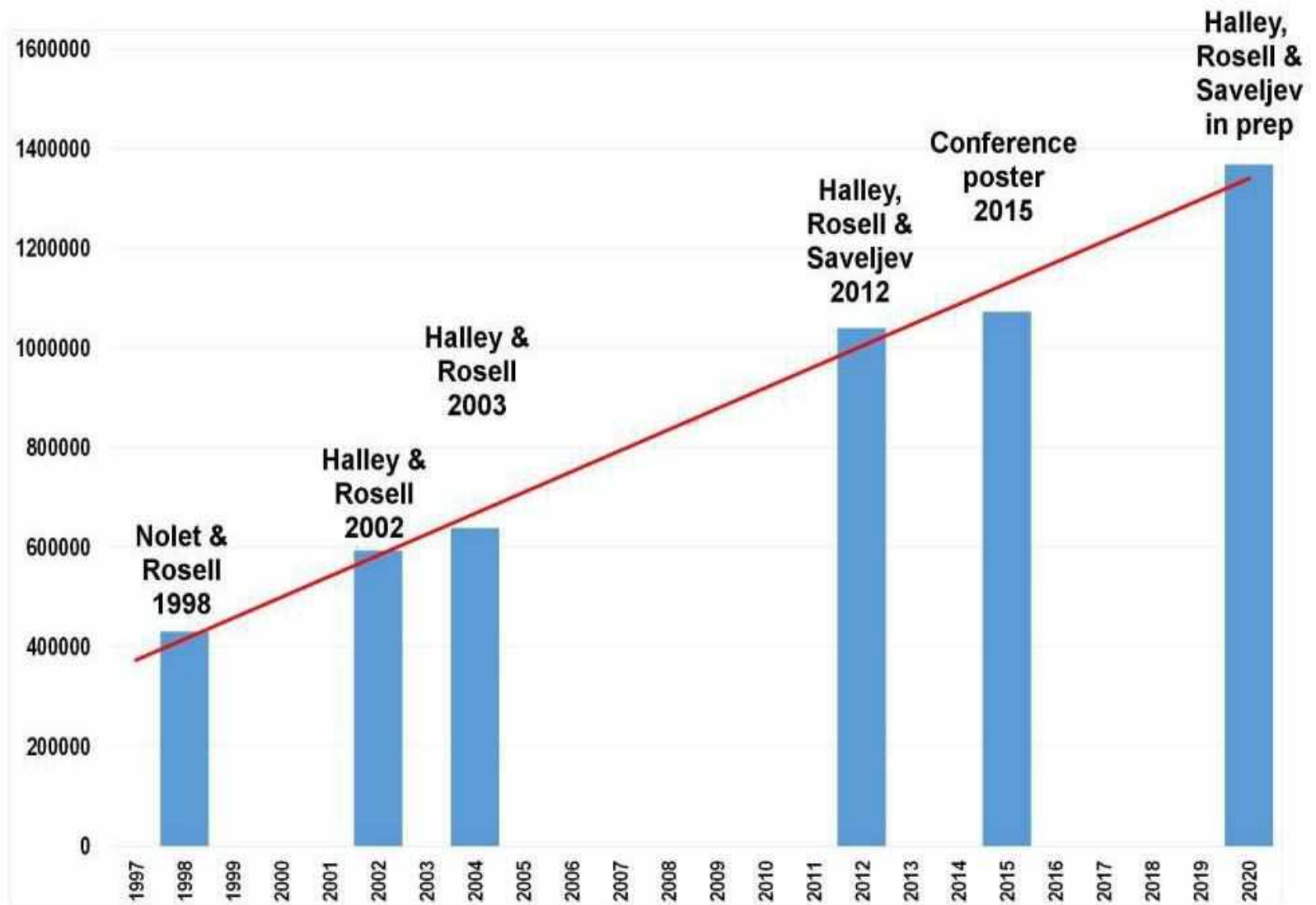
Halley & Schwab 2020



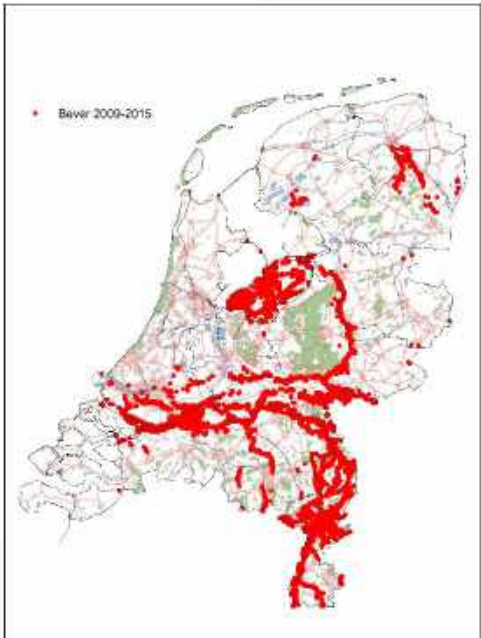
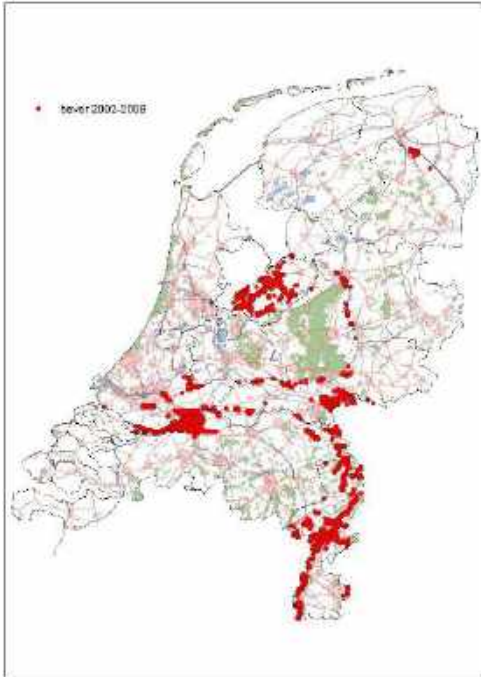
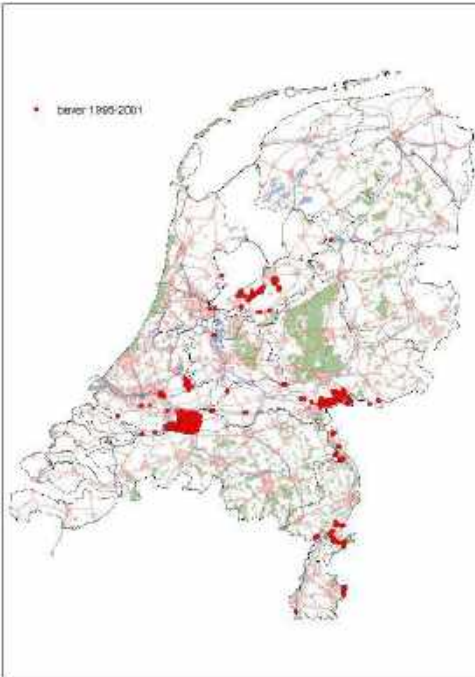
Distribution 2024



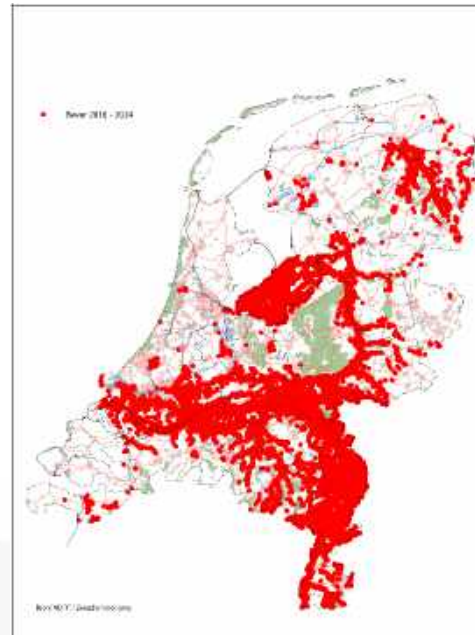
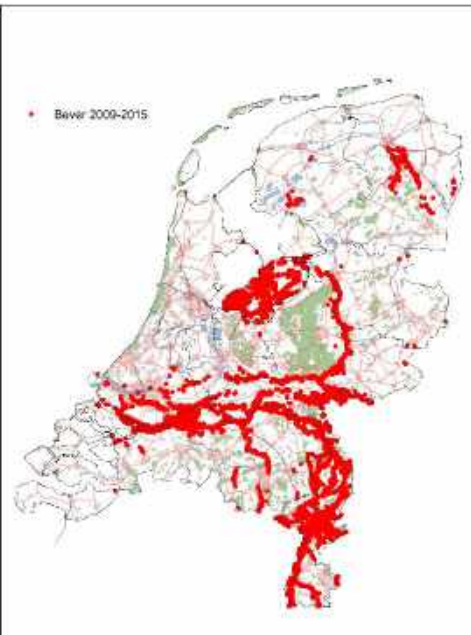
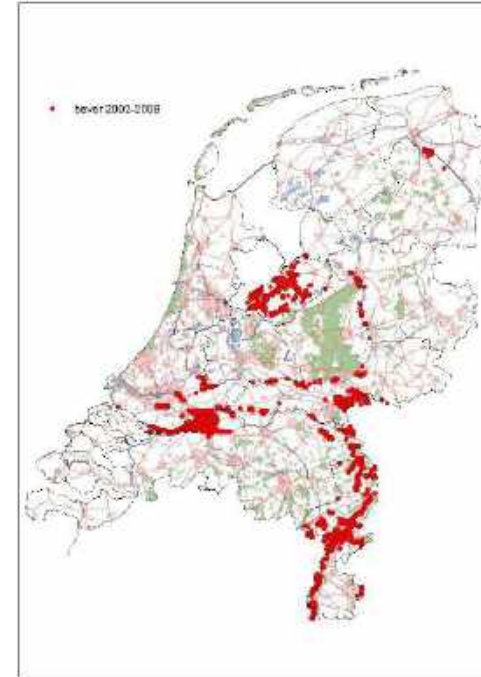
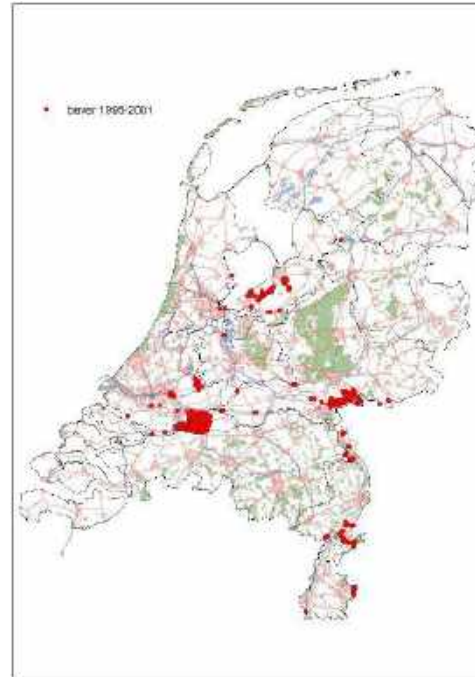
Estimated minimum world population of Eurasian beaver, 1998-2020



Distribution Netherlands 1988-2024



Distribution Netherlands 1988-2024



About 6.000 ≥ 1 year

18 million people

533/km²

Countries with beaver experience

Remnant populations

Germany, Norway, France, Belarus, Ukraine, Russia

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Reintroductions

1900-1950: Sweden, Latvia, Finland, Lithuania, Poland

Countries with beaver experience

Remnant populations

Germany, Norway, France, Belarus, Ukraine, Russia

Reintroductions

1900-1950: Sweden, Latvia, Finland, Lithuania, Poland

1951-2000: Estonia, Suisse, Austria, Hungary, Netherlands, Tsjech, Slovakia, Romania, Croatia, Belgium, Denmark,

Countries with beaver experience

Remnant populations

Germany, Norway, France, Belarus, Ukraine, Russia

Reintroductions

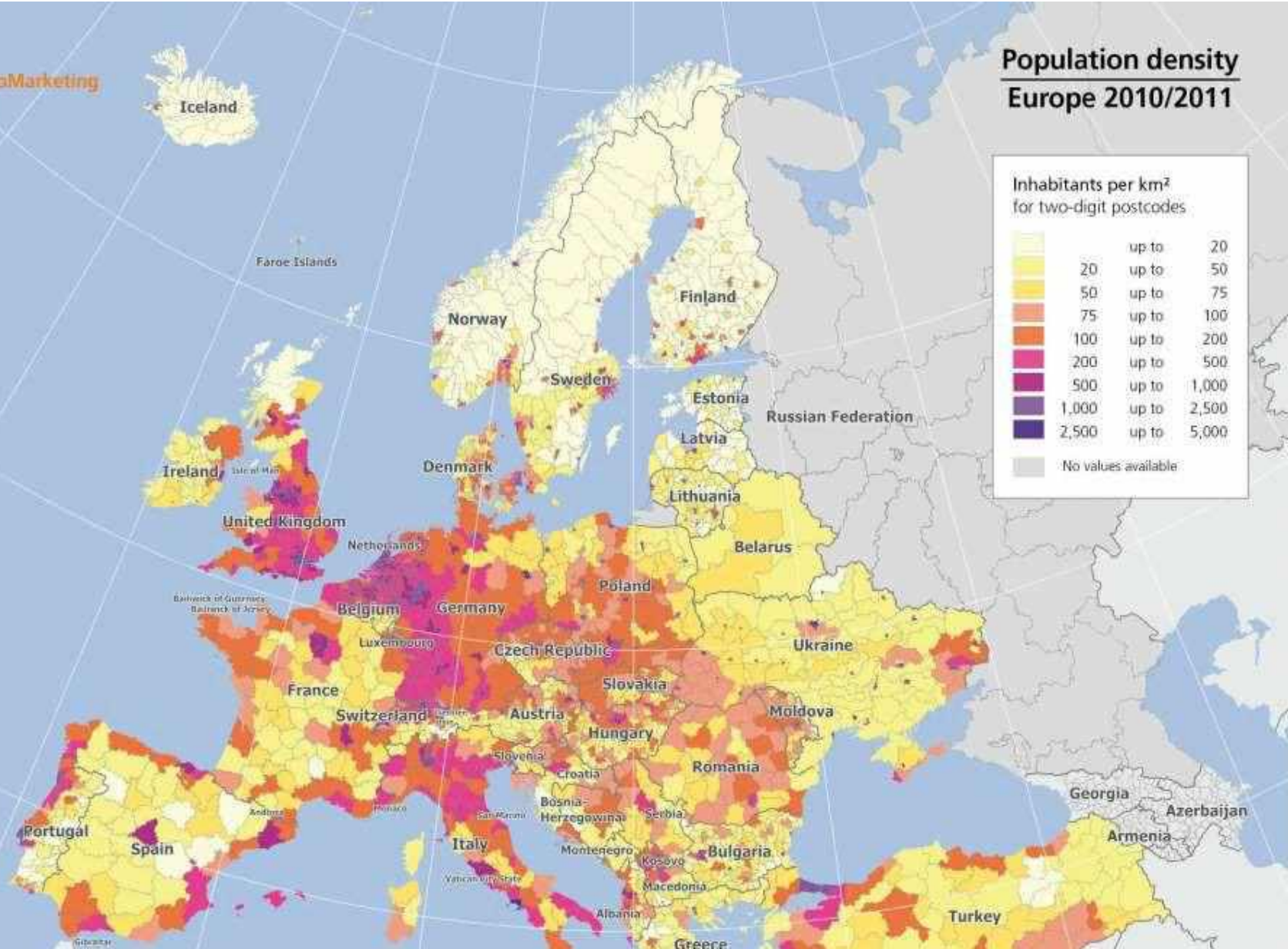
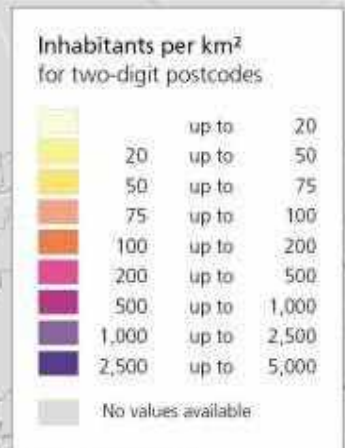
1900-1950: Sweden, Latvia, Finland, Lithuania, Poland

1951-2000: Estonia, Suisse, Austria, Hungary, Netherlands, Tsjech, Slovakia, Romania, Croatia, Belgium, Denmark,

2001-2025: Scotland, Spain, Bosnia-Herzegovina, Serbia, England, Italy

Human populations

Population density Europe 2010/2011



Highly populated countries with beaver experience

Remnant: **Germany**, Norway, France, Belarus, Ukraine, Russia

1900-1950: Sweden, Latvia, Finland, Lithuania, Poland

1951-2000: Estonia, Suisse, Austria, Hungary, **Netherlands**, Tsjech, Slovakia, Romania, Croatia, **Belgium**, Denmark,

2001-2025: Scotland, Spain, Bosnia-Herzegovina, Serbia, **England**,
Italy

Dutch vulnerability for flooding

Overstromingsgevoelig gebied in Nederland

Onder NAP
26%

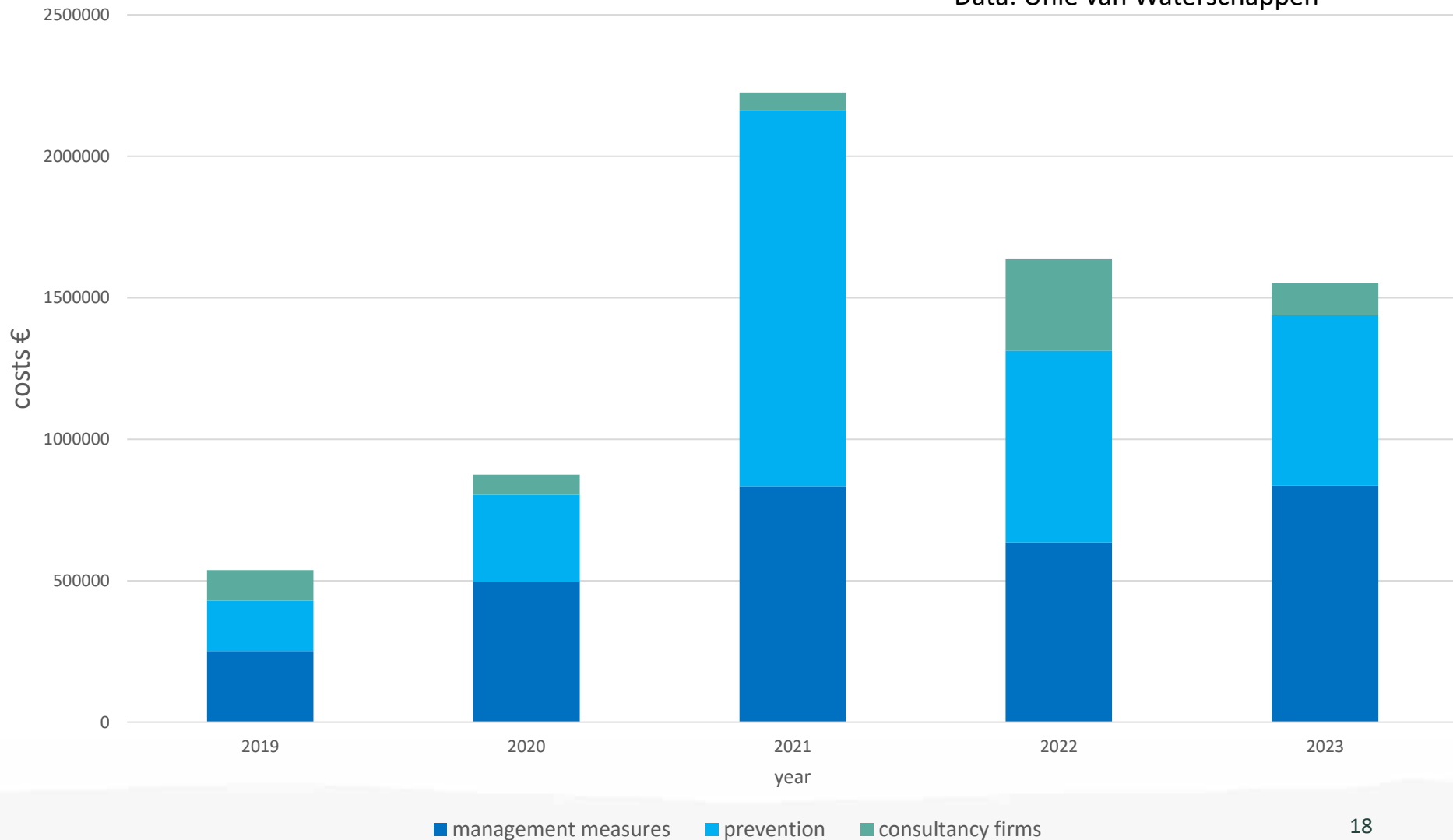
Boven NAP
33%

Almost 18.000 km levees
About 340.000 km waterways



Expenditure beaver related problems Dutch Regional Water authorities

Data: Unie van Waterschappen



Join hands

Prevent inventing the wheel/making the same mistakes

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Collect data about solutions and make it accessible
(Beaverhandbook, Beaver Knowledge Hub)

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Create an European, or even better an EuroAmerican Beaver
Network

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Create international workinggroups

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Prevent inventing the wheel/making the same mistakes

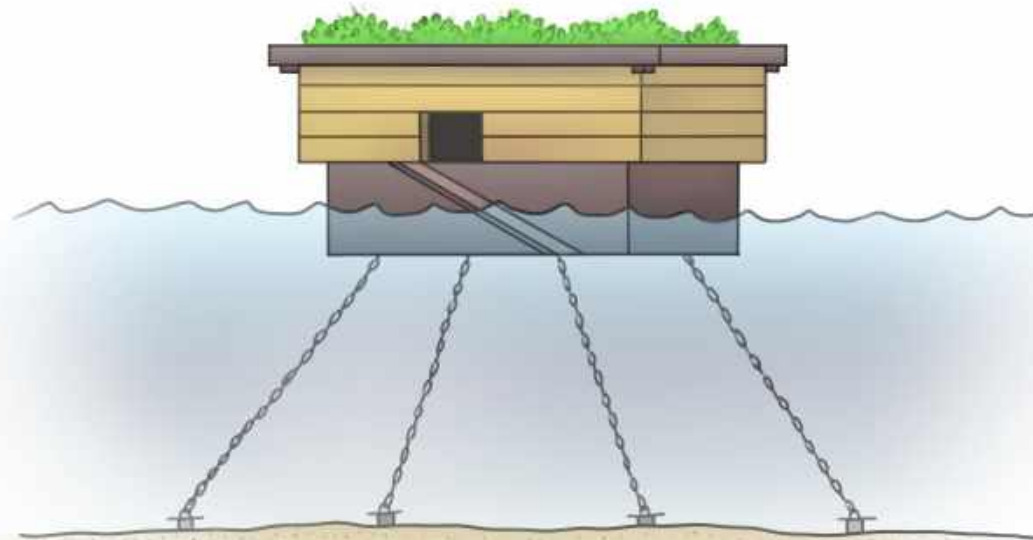
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Create international workinggroups

Stimulate innovative projects for new solutions

Project High Water Refuge



Join hands

For protection of our human society **and** the ongoing support from the public for this ecosystem engineer!



Questions?

