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International Conference on Engineering and Ecohydrology for Fish Passage

International Conference on Engineering and Ecohydrology for Fish Passage 2017

Jun 19th, 4:10 PM - 4:30 PM

Fish Migration River/ The New Afsluitdijk

Kees Terwisscha van Scheltinga Fish Migration River

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Kees Terwisscha van Scheltinga

Fish Migration River / The New Afsluitdijk

k.terwisscha@fryslan.frl

www.deafsluitdijk.com

@Afsluitdijk2020

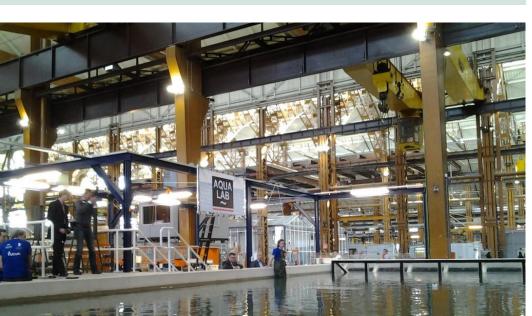
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Fish Migration River:

connecting people with nature

Building Happy Fish communities







Fish Migration River did not come out of the blue:

it goes back many years

it has a lot of owners

they shared many reasons to build this fish passage



Three of the main reasons:

urgency

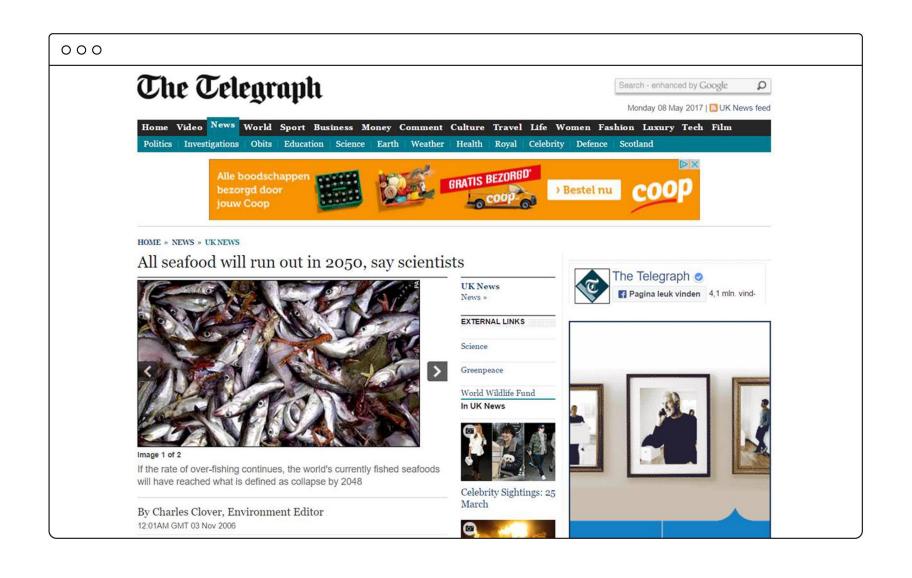
the will to act

people want to connect with nature









Causes:

dams, dikes, climate change, rising sea level, more dikes to be built, sand supplementation, pollution, fishing

Effects are alarming:

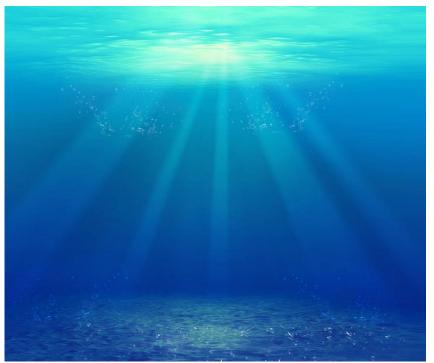
species decline at enormous speed

coastal landscapes are in danger

with loss of biodiversity we lose language, poetry, arts

prosperity diminishes

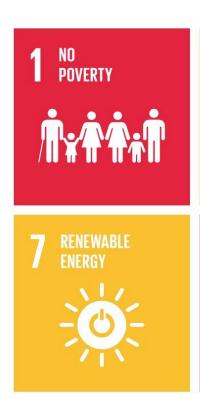






In 2015 193 world leaders signed to 17 sustainable Global Goals to make the world a better place in 2030.

The Fish Migration River relates to: 13, 14 and 15.









































ISUPPORT
GOAL 12
RESPONSIBLE
CONSUMPTION AND
PRODUCTION

12 RESPONSIBLE CONSUMPTION



#GlobalGoals

Goal 12: Responsible Consumption

change global goals into local goals

keep it simple, visible and profitable

DIY: at home, school or work

guidelines in daily choices for consumers

Connect and focus Three levels to draw public attention:

1. destination the Afsluitdijk a worthwhile visit

2. experience and discover visit the Afsluitdijk Wadden Center and Fish Migration River

3. storytelling use Happy Fish to tell our story















Working together with Netherlands Board of Tourism

use the concept Holland City:

the Netherlands as a capital with various districts that tell various stories

our story is all about water: living below sea level

create 'new' tourist destinations and local employement







Afsluitdijk Wadden Center

located on the Afsluitdijk

directly to borders of the Wadden Sea (UNESCO World Heritage)

directly to fresh water-lake IJselmeer (former estuary)















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Fish Migration River

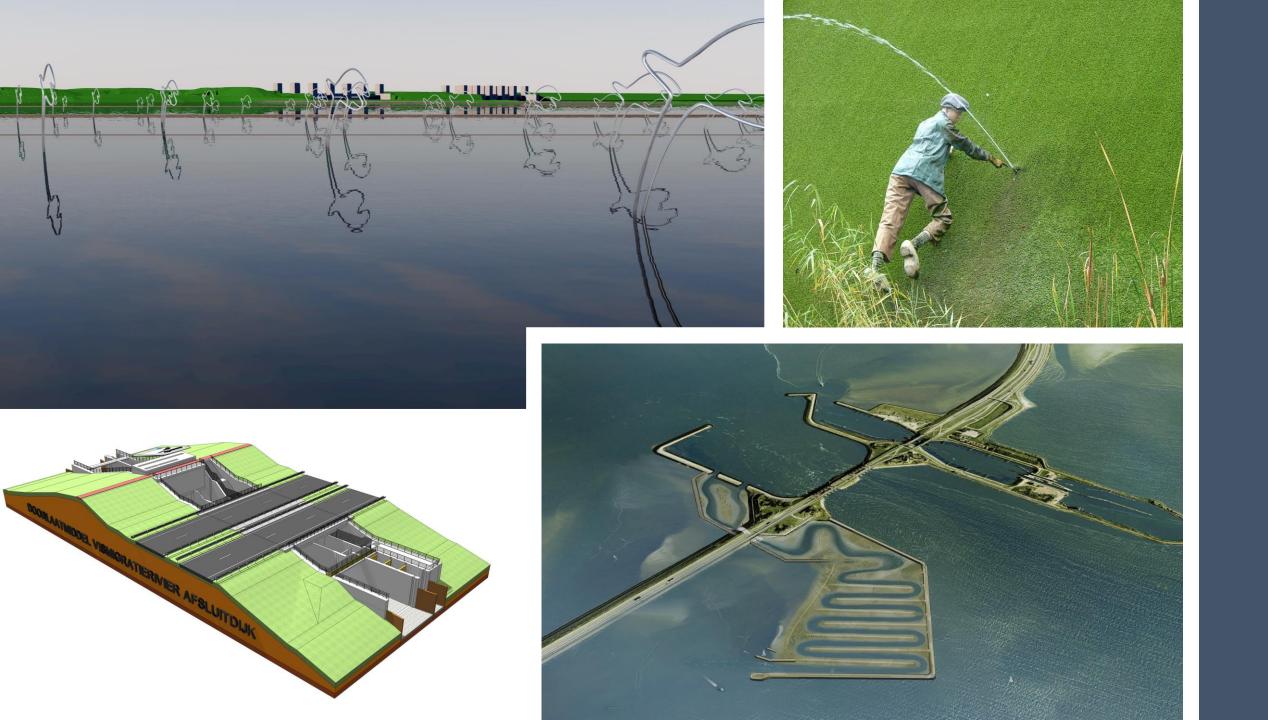
visitors can explore environment by foot or boat

visitors are able to walk through the dike

visitors see a work of art: Happy Fish (photo moment)

visitors see fish swimming through huge window

research facility invites visitors to help with scientific work



Why an educational programme?

children have to be able to play outside and discover the world

children are never too young to get in touch with nature

children will never forget a great experience in the wild



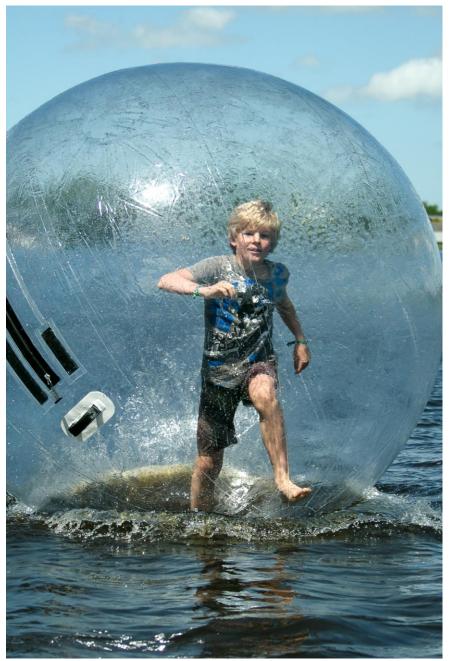












3. imagination



The art of imagination:

Happy Fish as our story tellers and change agents





World Fish Migration Day

In 2018 the WFMD will have its international headquarter

in the Rhine delta in de Netherlands

We aim to put the river Rhine and the measurements taken

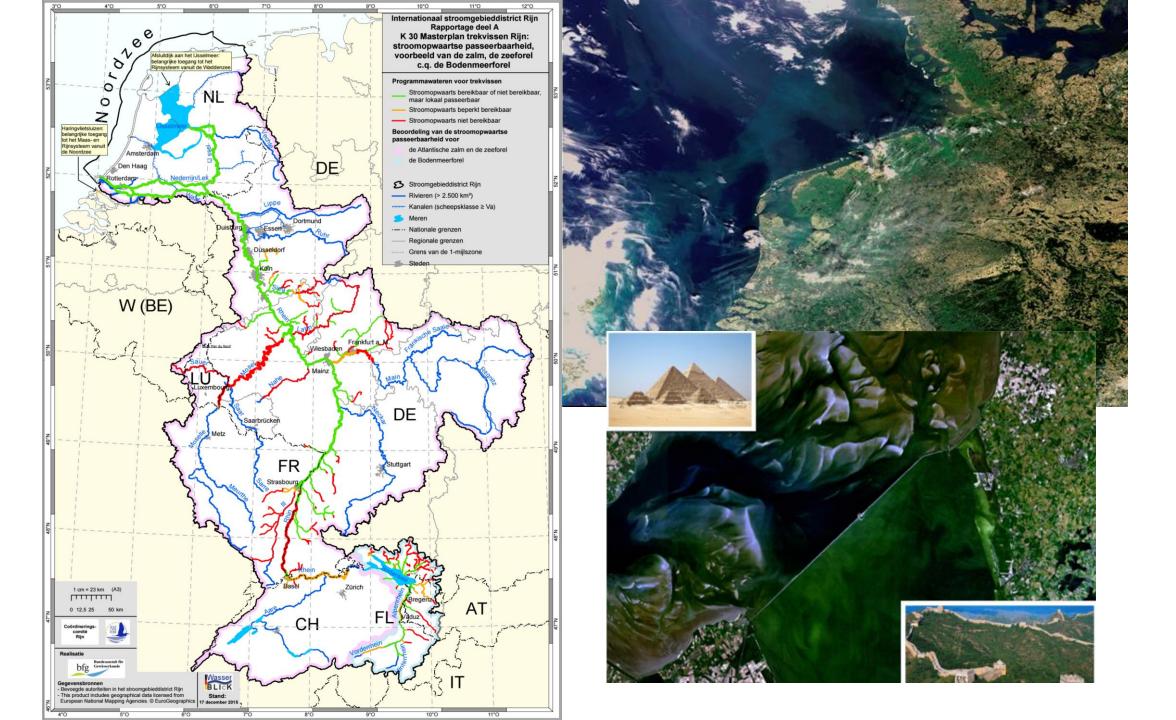
for migratory fish in the international spotlight











Lessons to be learned

Happy Fish as a model for initiatives related to free fish passage

When you start, make sure your project:

- a. serves people and nature multidisciplinary
- b. has many owners, based on equality and working together
 - c. is innovative and inspiring
- d. involves people who are open minded and eager to learn
 - e. is built with nature instead of against nature
- f. leads to restoring nature as a whole; not just parts, but entire ecosystems



Kees Terwisscha van Scheltinga

Fish Migration River / The New Afsluitdijk

Postbus 20120

8900 HM Leeuwarden

The Netherlands

+31 (0)6 4601 1200

k.terwisscha@fryslan.frl

www.deafsluitdijk.com

@Afsluitdijk2020

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