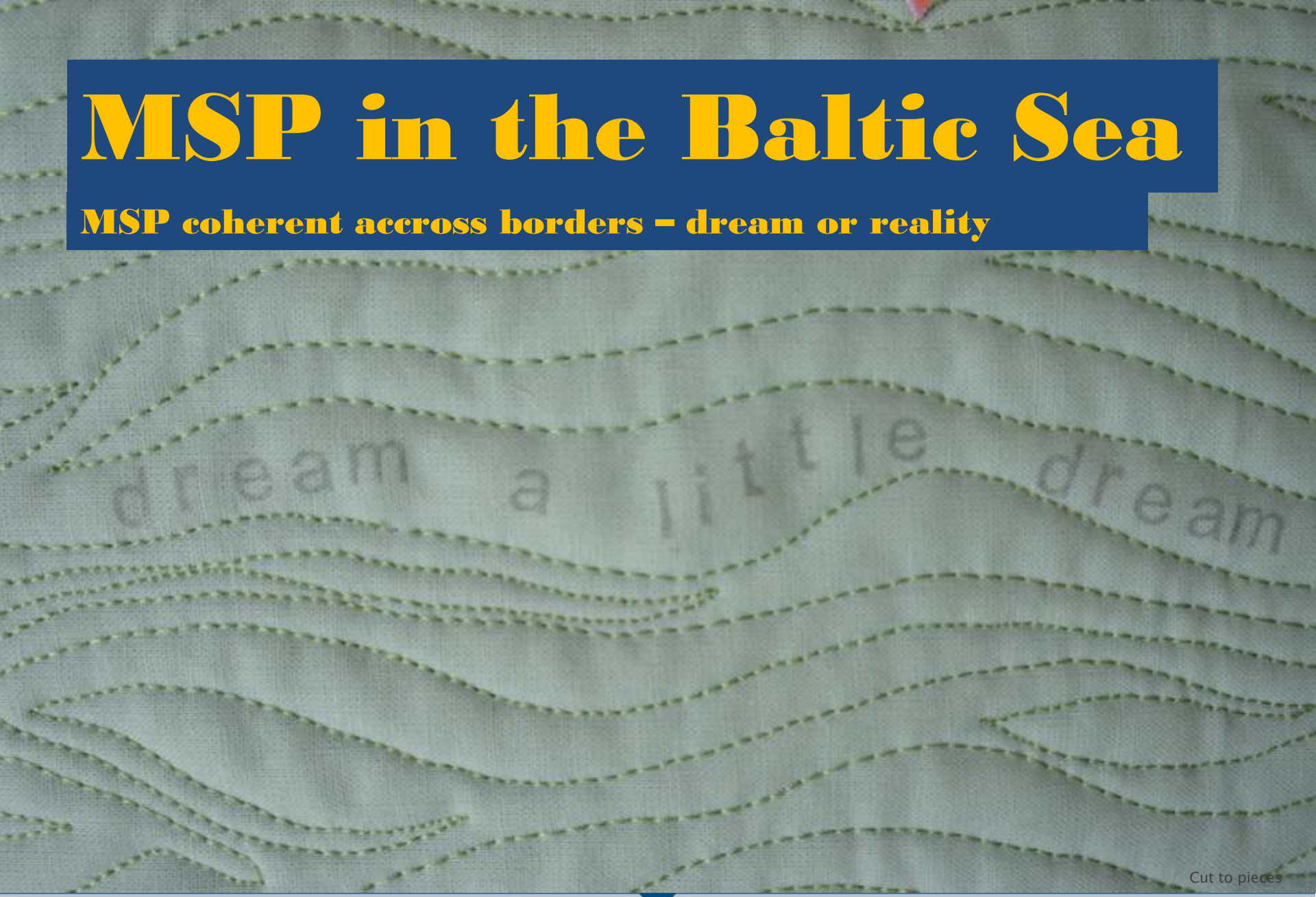
MSP in the Baltic Sea

MSP coherent accross borders – dream or reality



Cut to pieces

Manuel Frias
Master on MSP
Seville 3-6 February 2014

HELCOM

WHY

is Maritime Spatial Planning important?

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The Baltic Sea: a quiet corner of Northern Europe



Really?


Finland
Russia
Sweden
Norway
Estonia
Latvia
Lithuania
Denmark
Russia
Belarus
Poland
Germany
Netherlands
HELCOM

Oil rigs


Finland
Russia
Sweden
Norway
Estonia
Latvia
Lithuania
Denmark
Russia
Belarus
Poland
Germany
Netherlands
HELCOM
Manuel Frias. Data available in HELCOM GIS



Oil rigs

Wind farms (current and projects)



Oil rigs

Wind farms (current and projects)

Baltic Sea Protected Areas

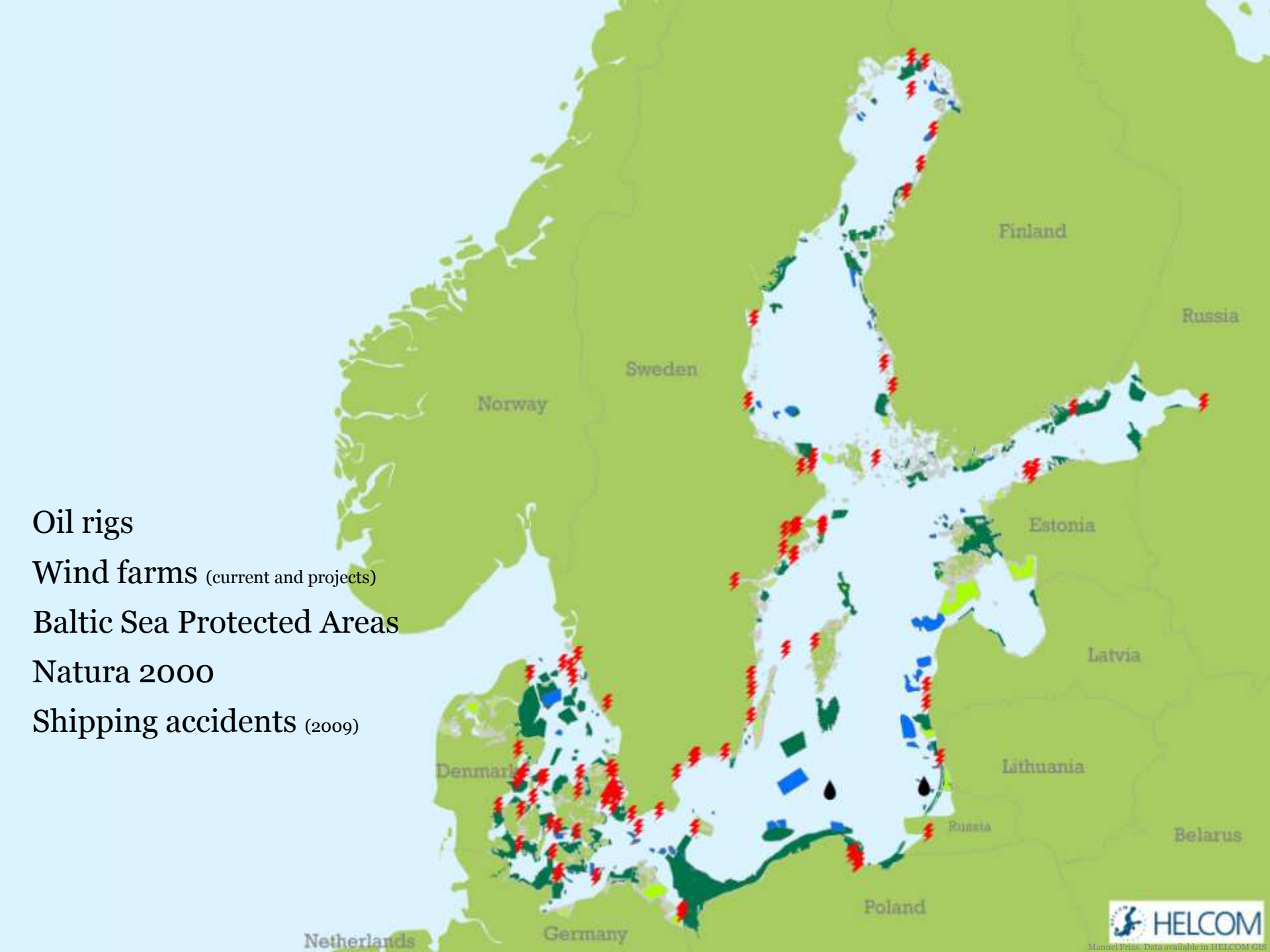


Oil rigs

Wind farms (current and projects)

Baltic Sea Protected Areas

Natura 2000



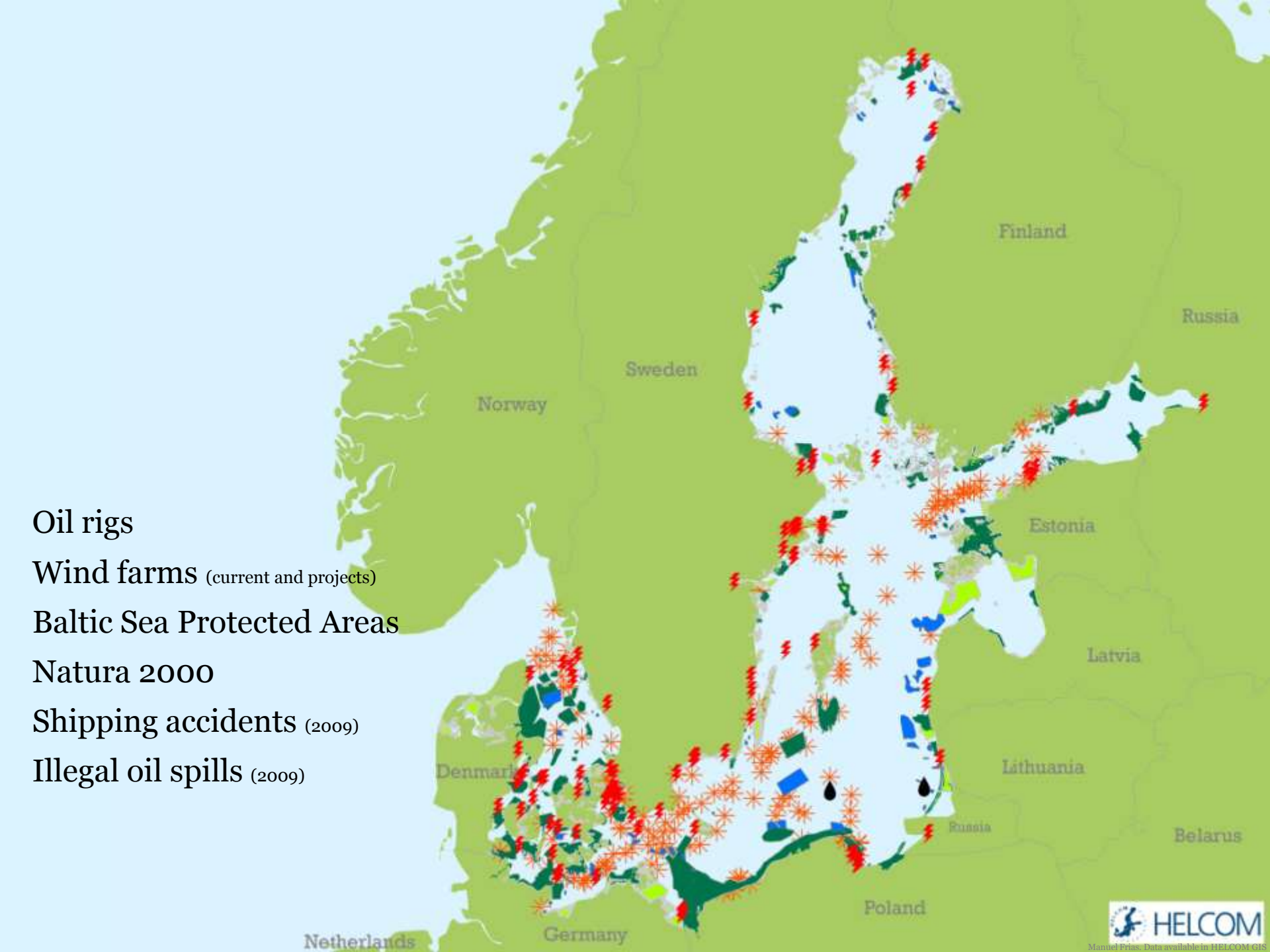
Oil rigs

Wind farms (current and projects)

Baltic Sea Protected Areas

Natura 2000

Shipping accidents (2009)



Oil rigs

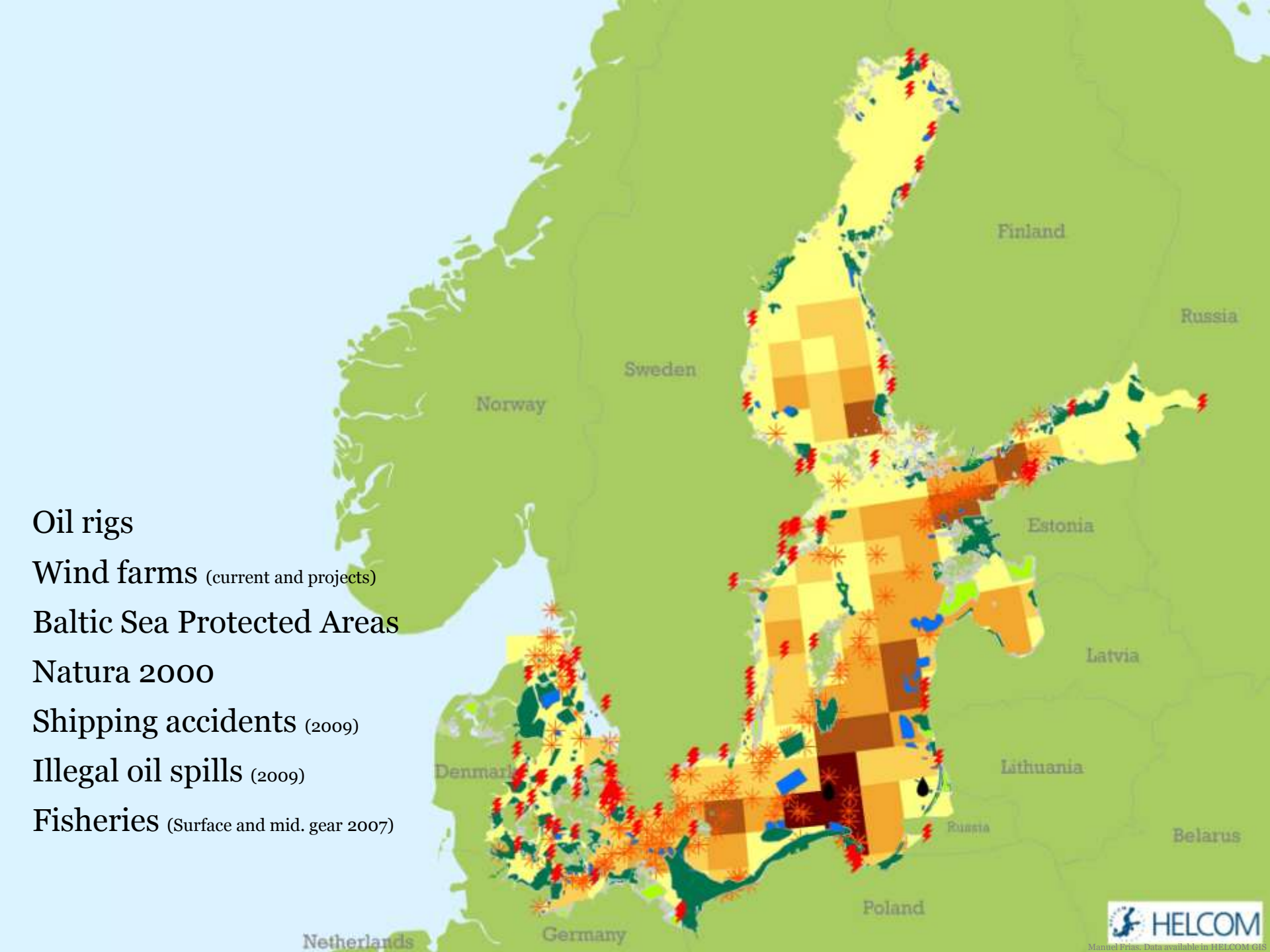
Wind farms (current and projects)

Baltic Sea Protected Areas

Natura 2000

Shipping accidents (2009)

Illegal oil spills (2009)



Oil rigs

Wind farms (current and projects)

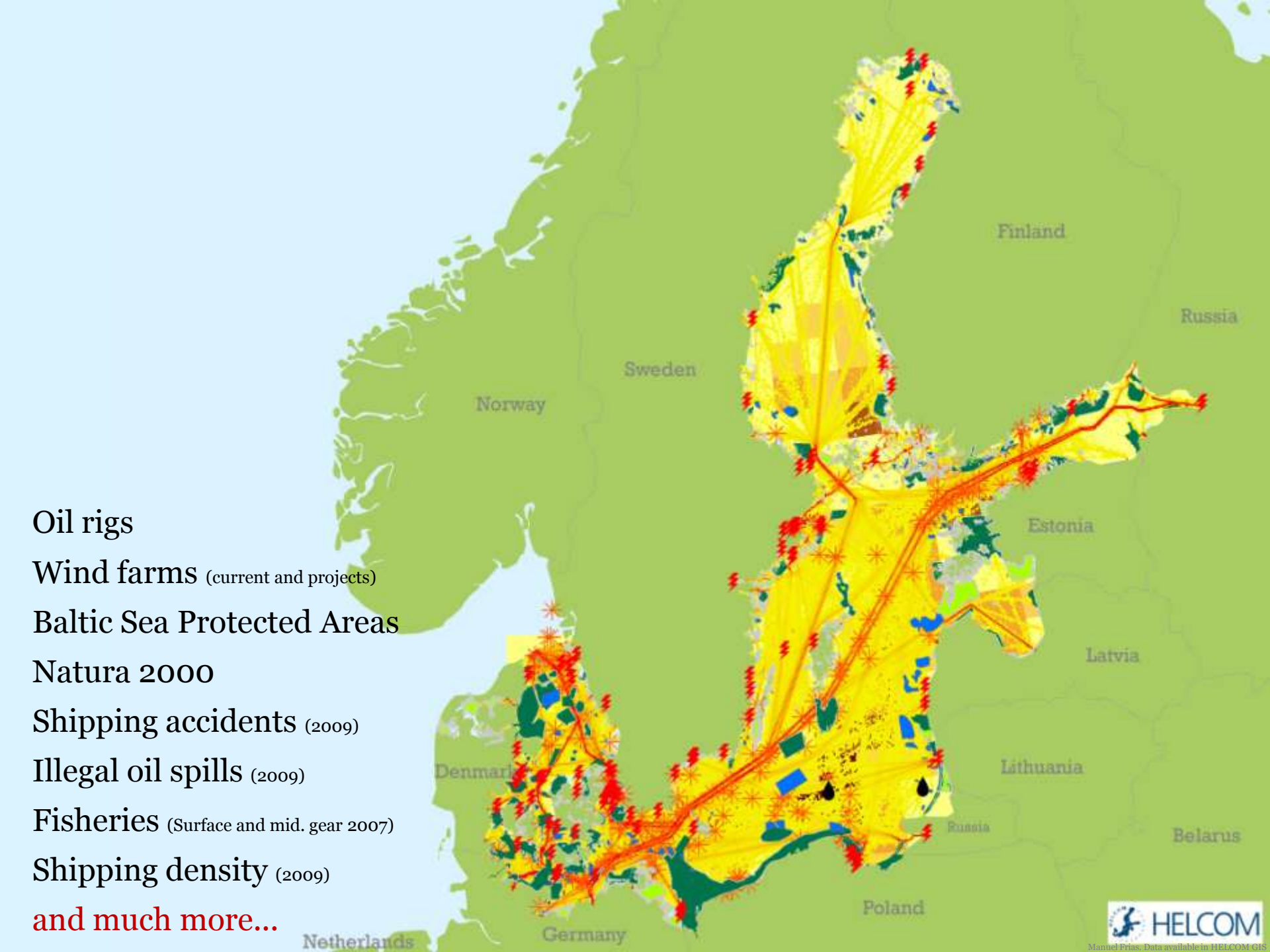
Baltic Sea Protected Areas

Natura 2000

Shipping accidents (2009)

Illegal oil spills (2009)

Fisheries (Surface and mid. gear 2007)



Oil rigs

Wind farms (current and projects)

Baltic Sea Protected Areas

Natura 2000

Shipping accidents (2009)

Illegal oil spills (2009)

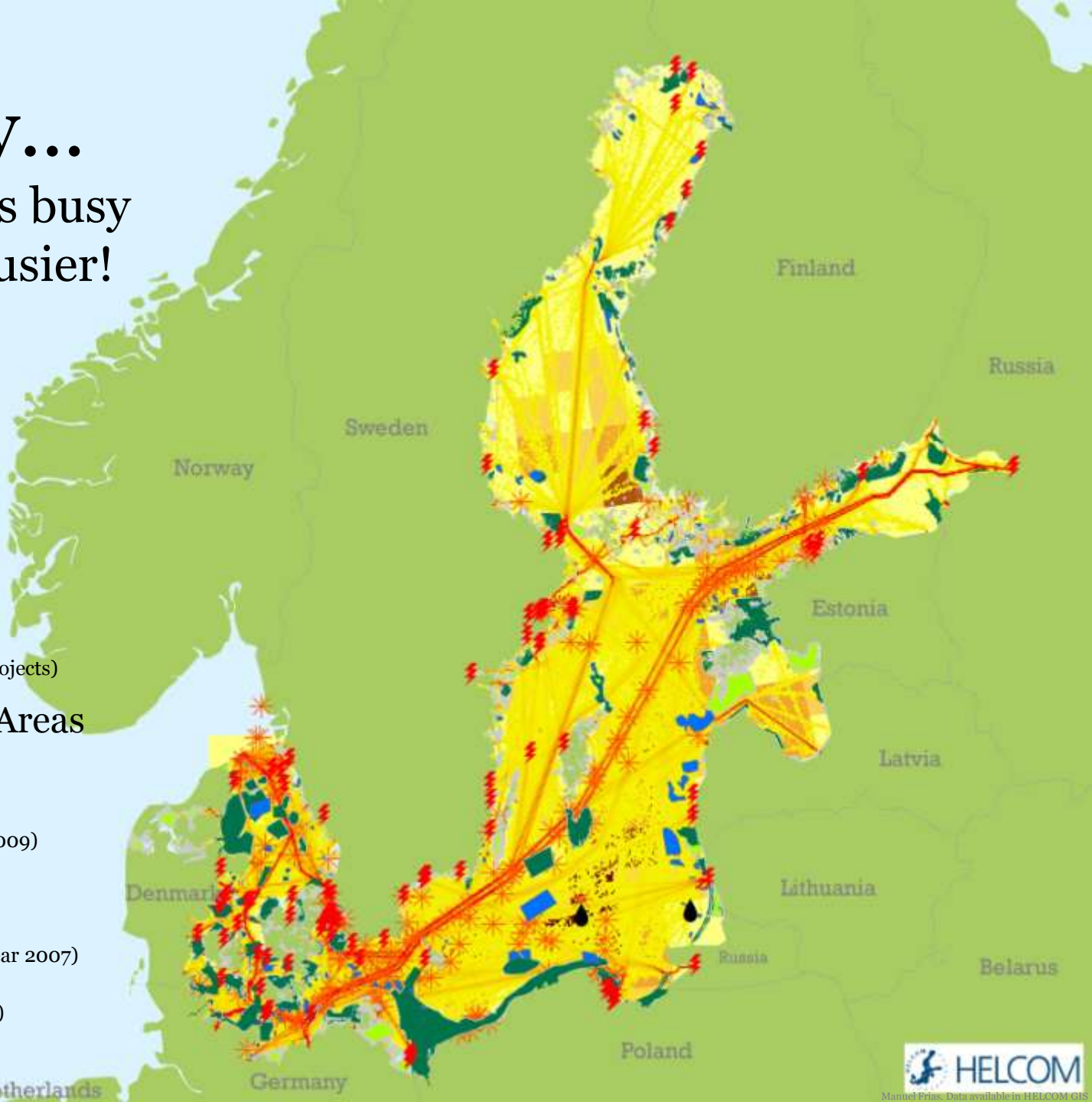
Fisheries (Surface and mid. gear 2007)

Shipping density (2009)

and much more...

Not really…

The Baltic Sea is busy – and getting busier!



Oil rigs

Wind farms (current and projects)

Baltic Sea Protected Areas

Natura 2000

Shipping accidents (2009)

Illegal oil spills (2009)

Fisheries (Surface and mid. gear 2007)

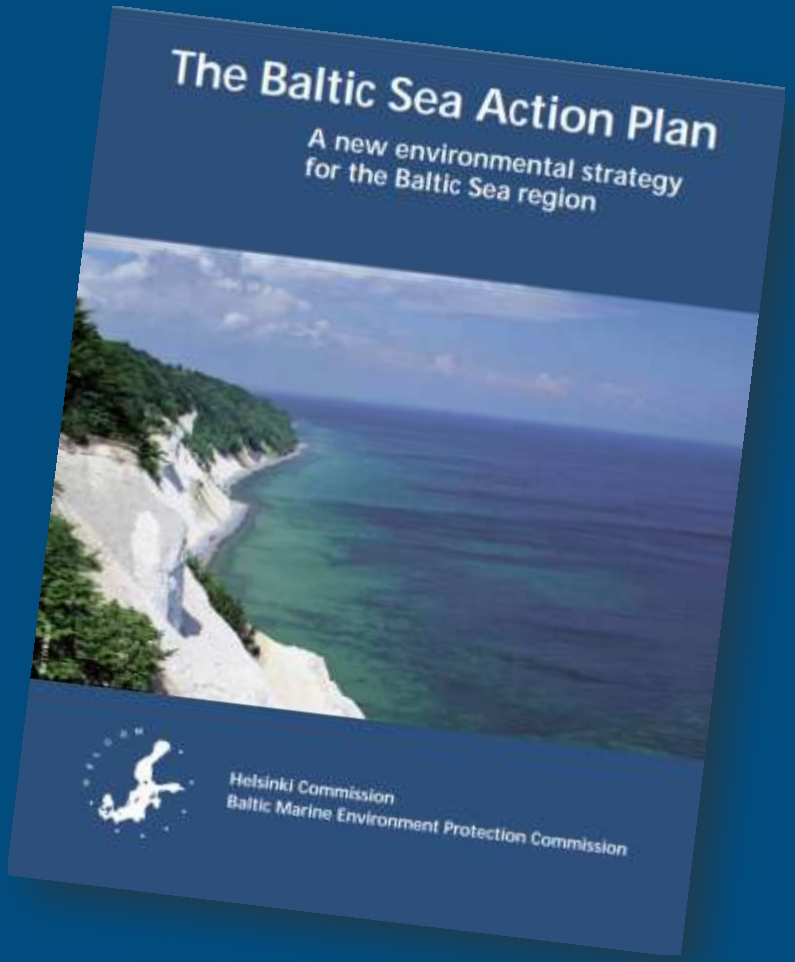
Shipping density (2009)

and much more…

How is MSP doing in the Baltic Sea?

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Remember the HELCOM "bible"?



"...achieve a Baltic Sea in good environmental status by 2021"









Where is Maritime Spatial Planning mentioned?

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Under Biodiversity! Why? No idea!

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”...develop by 2010 marine spatial planning **principles** based on the Ecosystem Approach...”

”To this en **WE ADOPT**
HELCOM RECOMMENDATION 28E/9...”

HELCOM RECOMMENDATION 28E/9

- Develop MSP broad-scale principles
- Fill in ____ gaps in spatial ____
- Solve access to ____
- Provide relevant ____
- Develop further HELCOM GIS as a ____source
- Carry out consultations on activities with transboundary negative effect on environment

Fill in the blank spaces

HELCOM RECOMMENDATION 28E/9

- Develop MSP broad-scale principles
- Fill in **data** gaps in spatial **data**
- Solve access to **data**
- Provide relevant **data**
- Develop further HELCOM GIS as a **data** source
- Carry out consultations on activities with transboundary negative effect on environment

Strong emphasis on data!!


HELCOM SCALE
2008-2009
They did the
MSP principles

Sustainable management

Ecosystem approach

Long term perspective and objectives

Precautionary Principle

Participation and Transparency

High quality data and information basis

Transnational coordination and consultation

Coherent terrestrial and maritime spatial planning

Planning adapted to characteristics and special conditions at different areas

Continuous planning

10 principles

Want to know the detail? → http://goo.gl/psCIoI

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VASAB



In 2010 the HELCOM-VASAB MSP Work Group was created

HELCOM

Maritime Response Land MONAS Habitat GEAR













Three platforms for dialogue

Fisheries and environmental forum



Agricultural and environmental forum



HELCOM-VASAB MSP Group



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HELCOM - VASAB Roadmap

Share basic info
Promote creation and sharing of data
Promote education
Draw lessons from MSP experiences

Identifying MSP contacts

2016-18 Assessment of Roadmap

Guidelines adopted
- application of eco-approach
- transboundary consultations
- public participation

Prepare report on activities of relevance

National framework for MSP in place

Apply Guidelines

MSP plans enhance across borders / Apply ecosystem approach

2013 2014 15 16 17 18 2020

And now that you know what the principles of MSP in the Baltic Sea are...

...let’s see the story of a project which aimed to test those principles



The fascinating story of how we made a MSP test

planbothnia.org

Area: 60.000 Km²



Area: 60.000 Km²




North Sea
United Kingdom
Denmark
Lithuania
Ireland
Belarus
Netherlands
Poland
Belgium
Germany
Czech Rep
Ukraine
Slovakia
Austria
Moldova
Hungary
Bay of Biscay
France
Romania
Croatia
Serbia
Italy
Black Sea
Bulgaria
Portugal
Spain
Greece
Turkey
Mediterranean Sea
Tunisia
Lebanon
Morocco
Israel
Jordan
Algeria
Libya
Egypt
Western Sahara


Sea of Japan
South Korea
Japan
East China Sea
North Pacific Ocean
WA
MT
ND
MN
OR
ID
WY
SD
NE
IA
NV
United States
UT
CO
KS
CA
OK
AZ
NM
TX
Gulf of California
Mexico
HI
Banda Sea
Papua New Guinea
Arafura Sea
Solomon Sea
Coral Sea
NT
QLD
Australia
SA
NSW
Great Australian Bight
VIC
ACT
South Pacific Ocean



50% Norwegian
50% Finnish
Marine Biologist
Master course of Law
Speaks Japanese!



100% Spanish
Living in Finland
Wife: Swedish-speaking Finn
Geographer
GIS and data visualization freak

Lead partner: an exotic cultural coctel

Qperello


6 partners
18 organizations



DG MARE
Co-funded under European
Integrated Maritime Policy

December 2010

May 2012

Phase 1

Data collection

Phase 2

Spatial Plan

Test a MSP process

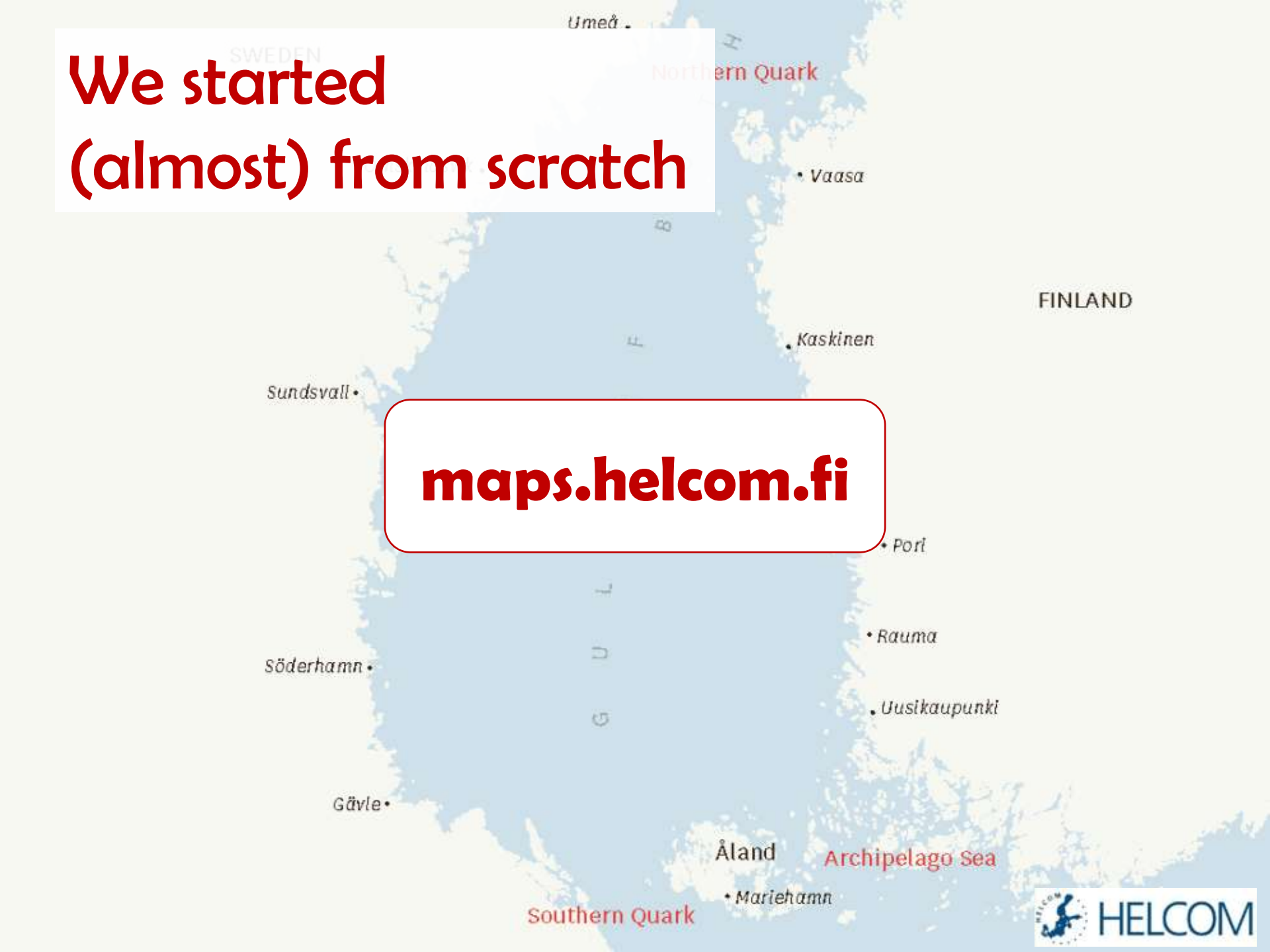
Transboundary

Offshore

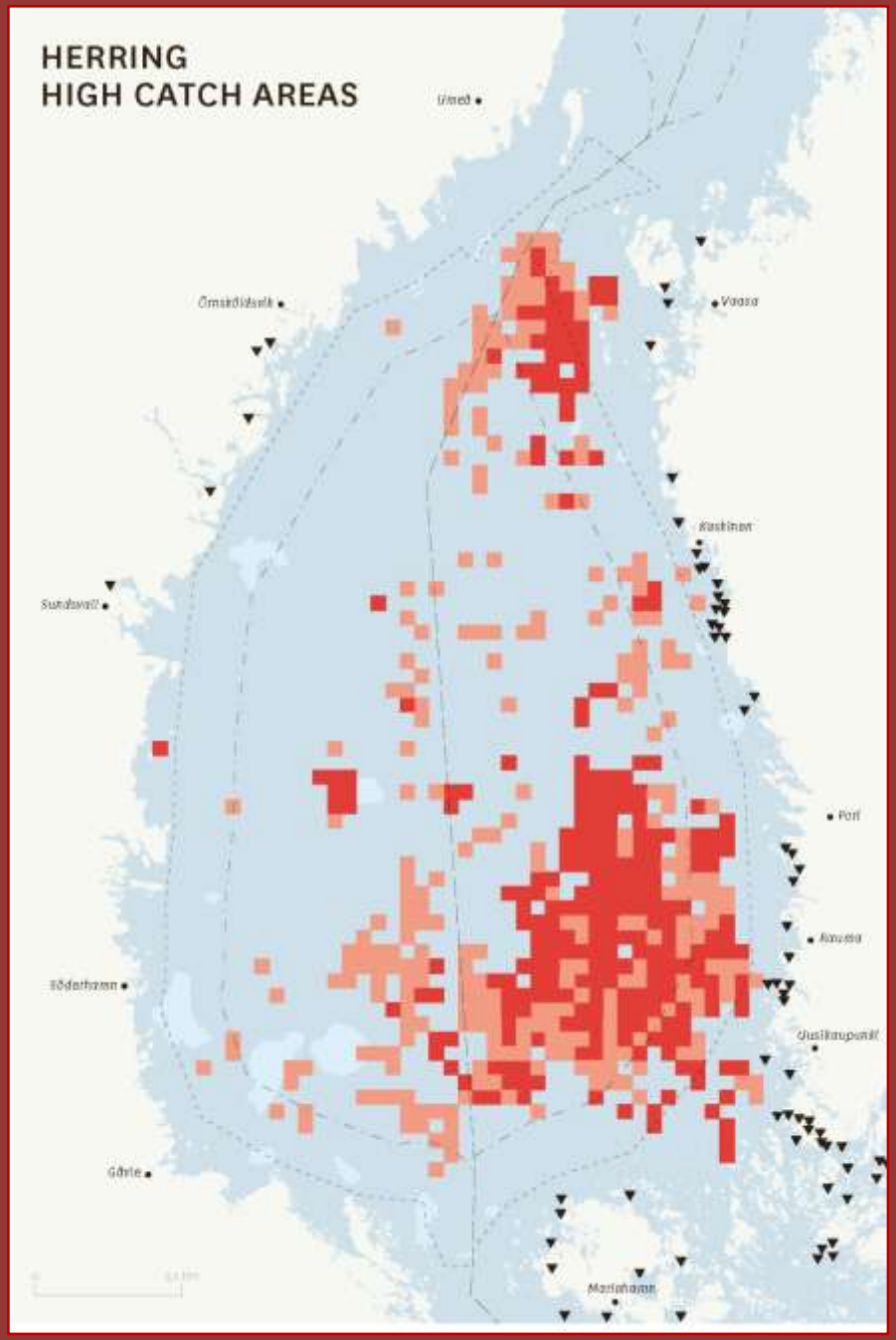
Where is the data?

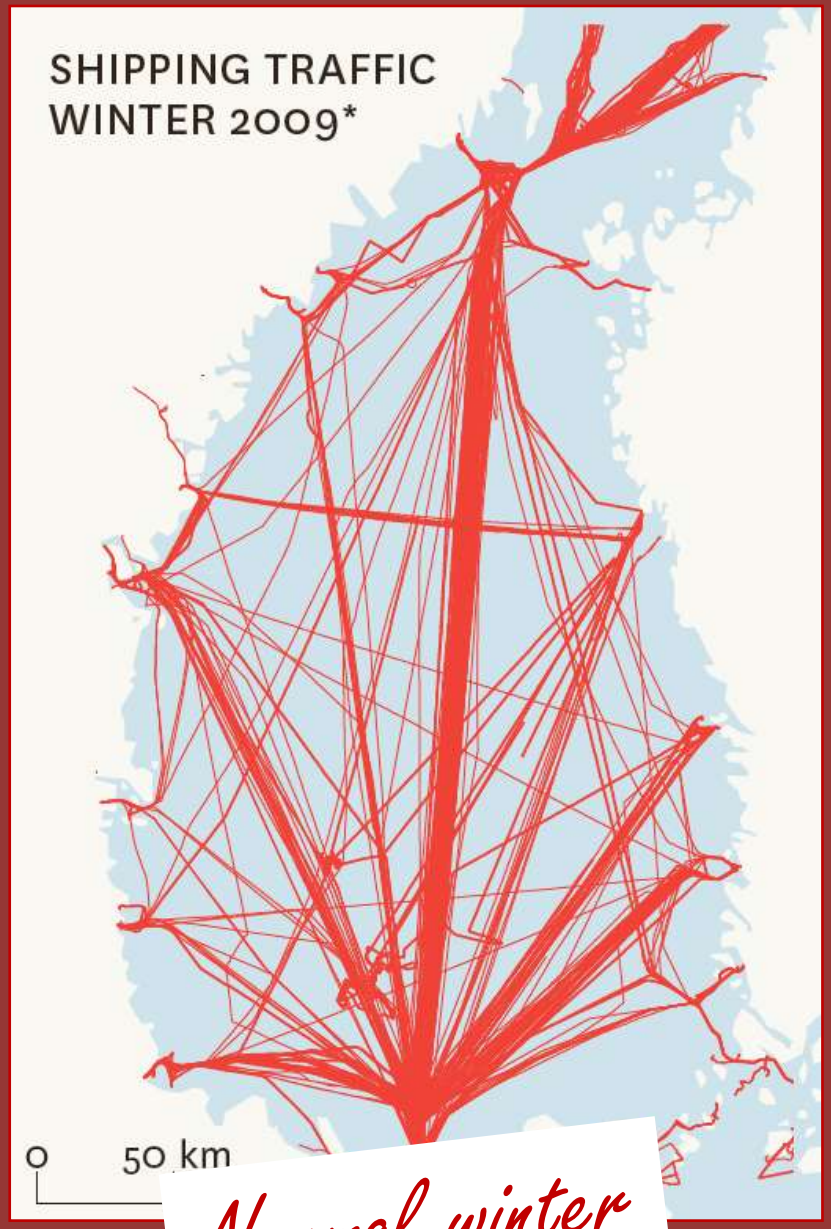
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We started (almost) from scratch



Creating our own data





Normal winter



Harsh winter!!


Mapping the
future



The process

Data collection



Synthesis



The pilot plan!



What did we learn?

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The importance of sharing



Ed Yourdon

Plan Bothnia

We tested a Maritime Spatial Planning process in the Baltic Sea

Plan Bothnia wins more design awards!

19/04/2013 at 12:26 | Posted in award | 2 Comments

The Plan Bothnia book won two more design awards yesterday, one of which is a renowned international design competition ("D&AD professional awards 2013") the another is the main Finnish national competition in the field of design ("Vuoden Huiput 2013").

In the D&AD professional awards 2013, organised by the London-based Design and Art Direction (D&AD), Plan Bothnia won an "In the book" award in the category "Book design/entire book". In 2013 six books from around the world won an D&AD prize.

The D&AD award means Plan Bothnia will be featured in the 2013 "D&AD 2013" book to be published by Taschen -displaying the best of 2013 according to D&AD.

http://www.dandad.org/awards/professional/2013/categories/book/book-design

In the Best of the Year (Vuoden Huiput) Competition organised by Grafia (Association of Visual Communication Designers in Finland), the Plan Bothnia publication won a silver award in the category "publication graphics" (Julkaisugrafiikka). In 2013 five publications won a "best of the year" award.

The Best of the Year silver award means Plan Bothnia will be featured in the 2013 "Vuoden huiput" annual catalogue to be published by Grafia. Plan Bothnia is also displayed in the Best of the Year 2013 exhibition at the Helsinki City Hall (Sofiankatu 1, Gallery "Virka") during the period 12.4.-26.5. (mon-fri 9-19, sat-sun 10-16).

http://www.vuodenhuiput.fi/vuodenhuiput/huiput_2012/tulokset?sarja=/huiput_2012/ilmoitetut_tyot/julkaisugrafiikka

http://www.grafia.fi/in_english/the_best_of_the_year_competition.

Plan Bothnia won earlier the first prize in the Finnish "Antalis Design Awards 2012".

Award winning Plan Bothnia publication available for downloading!

21/02/2013 at 11:49 | Posted in award, final, pdf | Leave a comment

The corrected 2013 electronic editions of the Plan Bothnia summary outcome "Planning the Bothnian Sea" and the separate poster map are now available!

Co-Financed under European Integrated Maritime Policy

PICTURES

flickr

TWITTER UPDATES

Plan Bothnia wins more design awards! wp.me/p1k0o4-fG
4 months ago

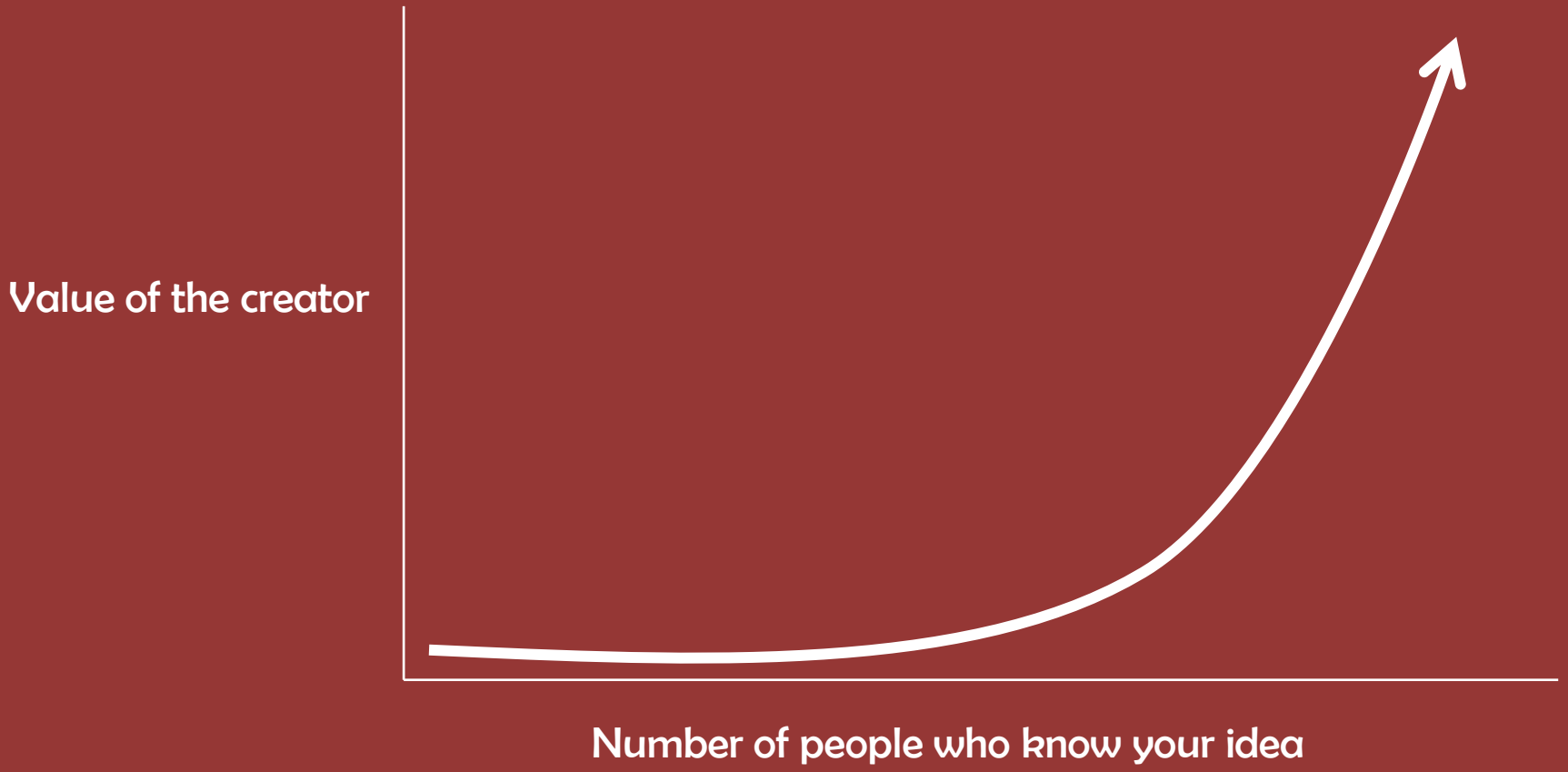
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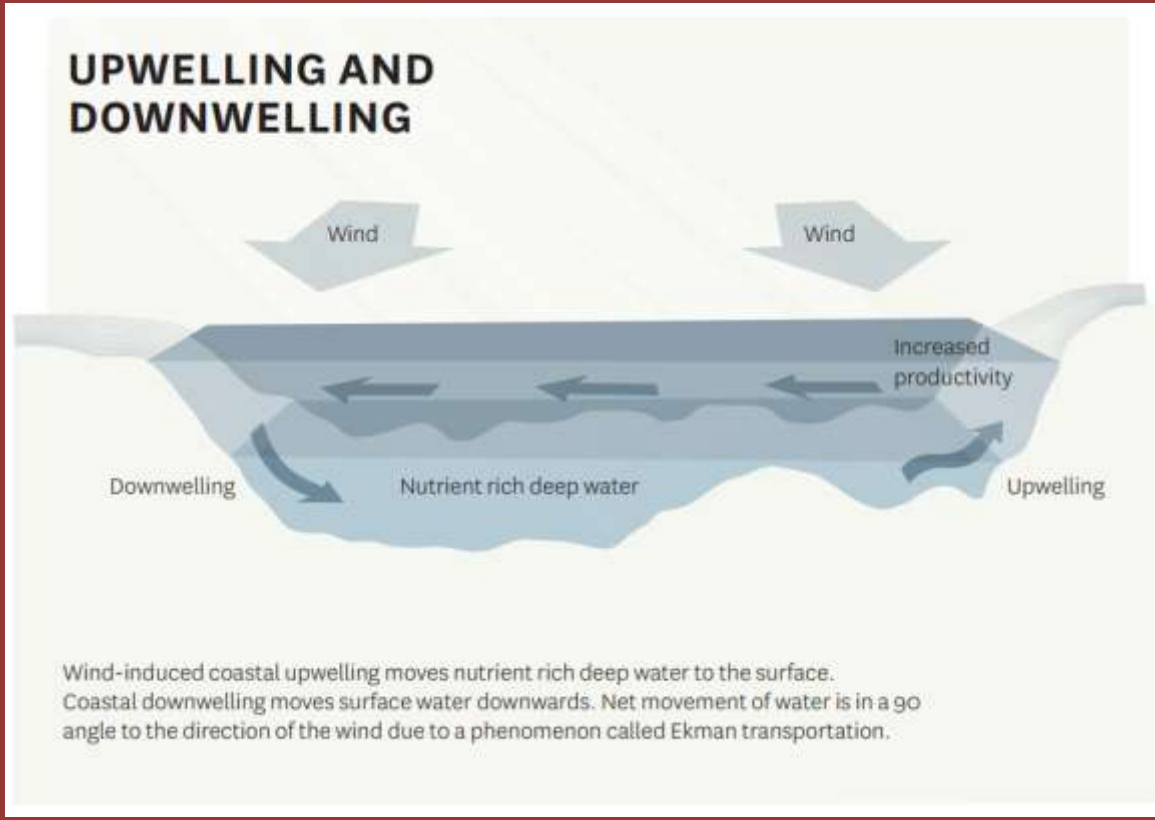
NORDREGIO

”The more people that know your idea the more powerful it becomes” Seth Godin



Adapted from Seth Godin

Importance of DATA VISUALIZATION





Where is the shipwreck?


Where are the birds going?
Dick Jensen

Is Plan Bothnia the only MSP project in the Baltic Sea?

HELCOM

BaltSeaPlan

KnowSeas

PartiSEApate

SeaGIS

And more...