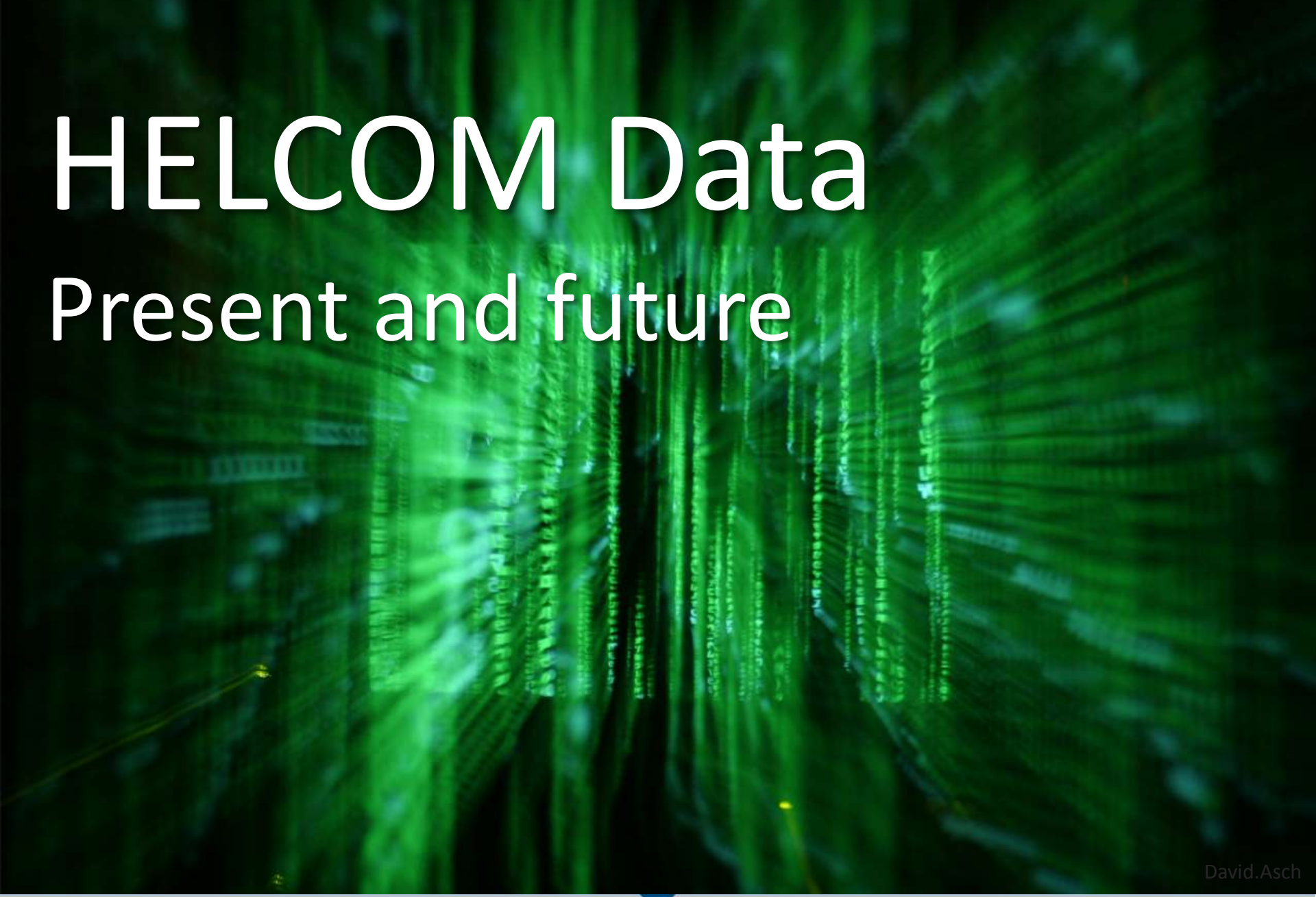
HELCOM Data

Present and future



PartiSEApate Spatial Data Infrastructure and Network Building for MSP

Manuel Frias

HELCOM

Hamburg, 15th October 2013

HELCOM Data sharing system is very young



Victor Frias Ahlbäck

The sharing system, as we know it now, is almost as old as my son

HELCOM

HELCOM Data brief history

2004
HELCOM Data and Information Strategy

2004
MARIS

2005
Nutrient

2006
COMBINE

2002
Baltic Atlas

1995
HELCOM starts showing maps: Grid Arendal

2008
Finally a download option!

2010
Updated version

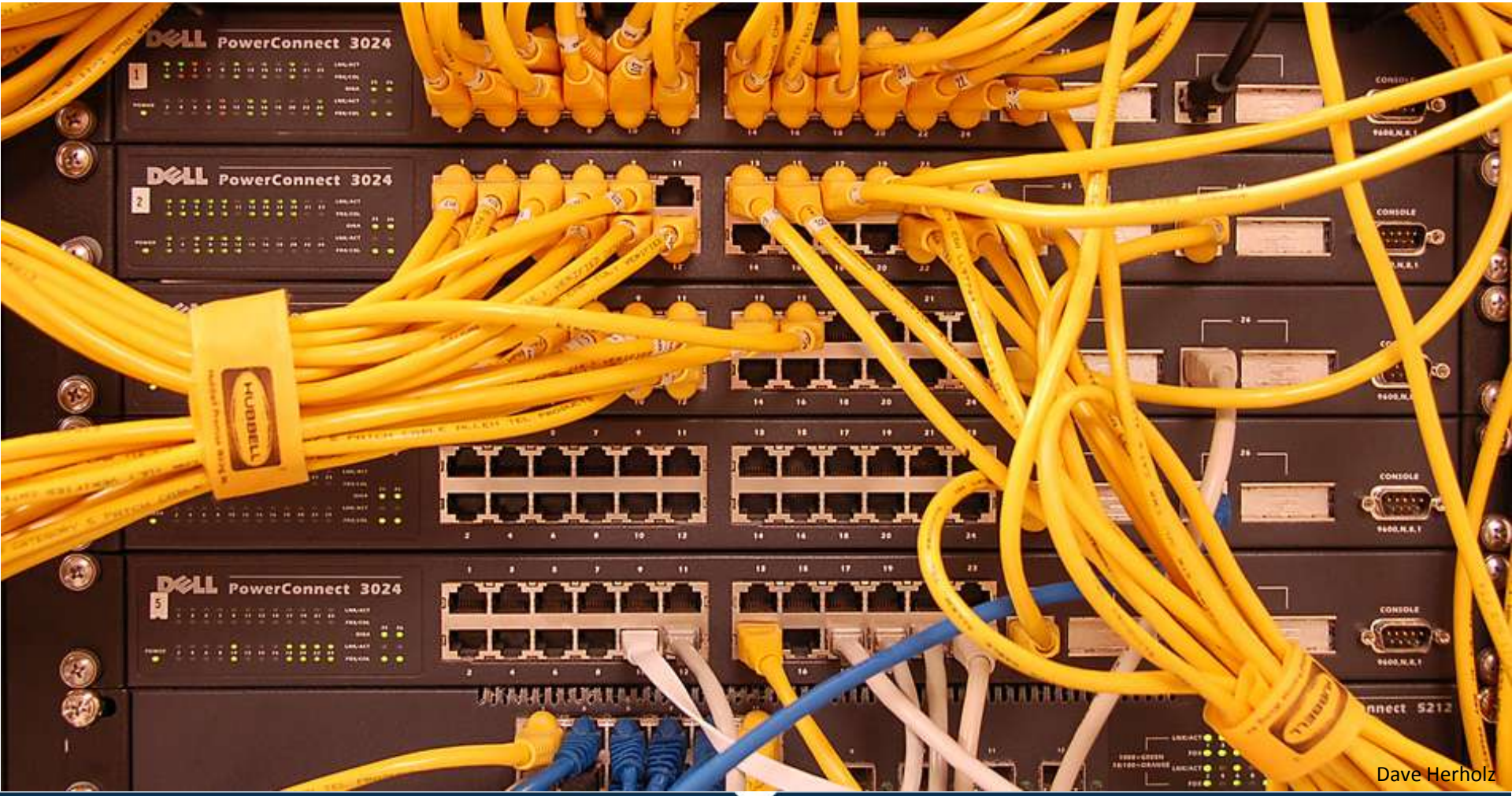
HELCOM convention signed

1974

2013

HELCOM

What HELCOM Data?



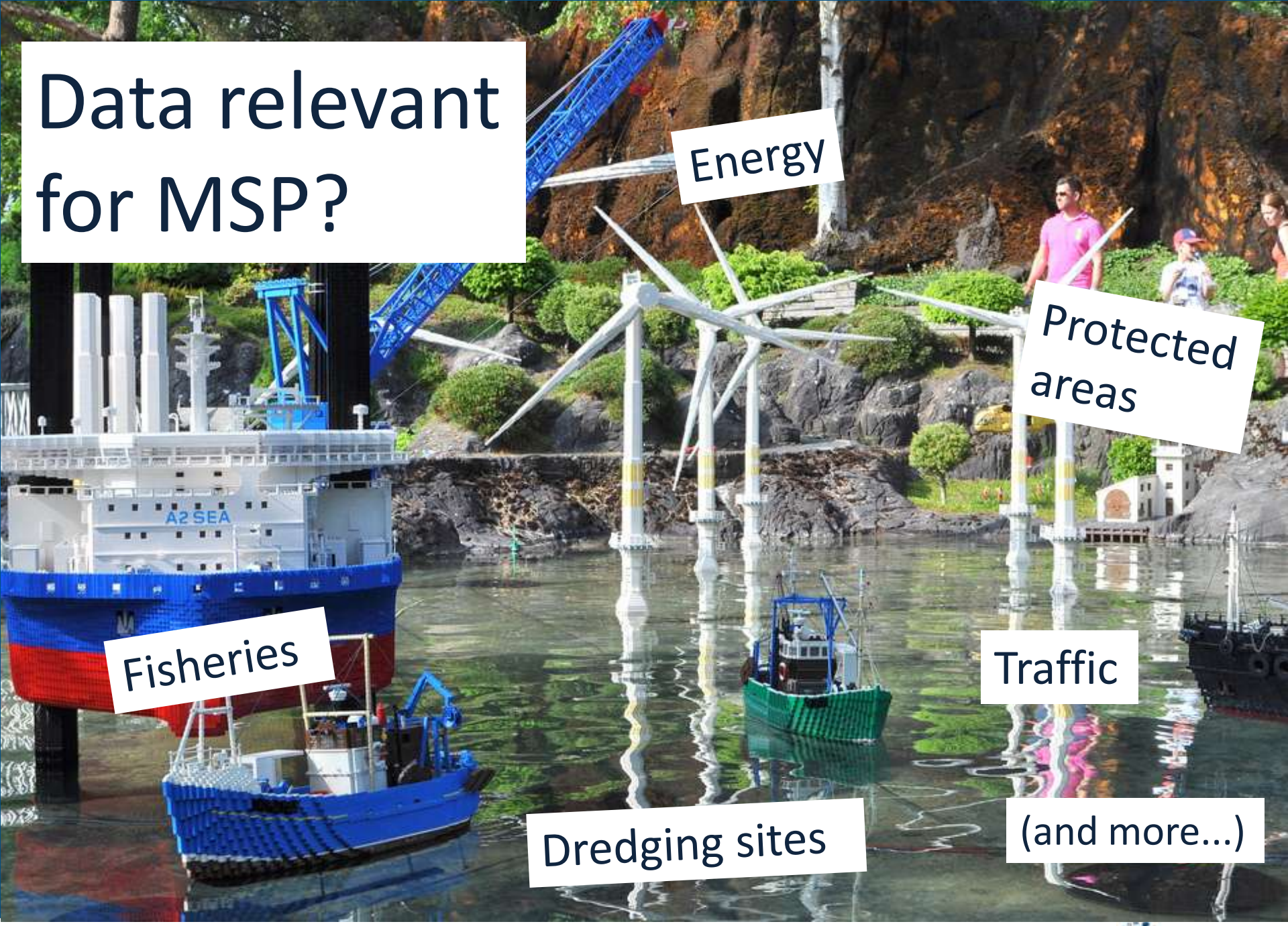
Dave Herholz

HELCOM

HELCOM hosts a huge ammount of data of this type

Environmental data

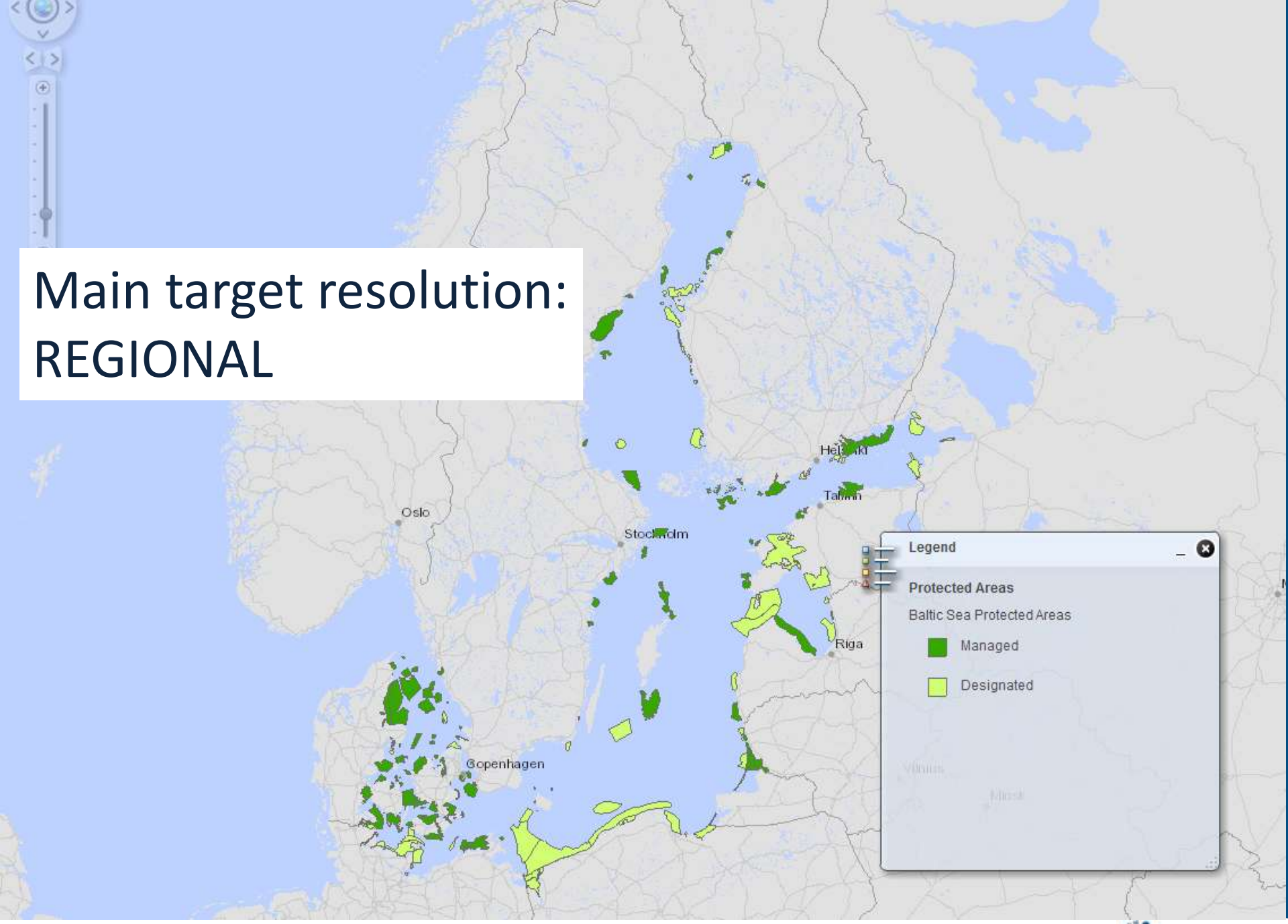



Data relevant for MSP?
Energy
Protected areas
Fisheries
Traffic
Dredging sites
(and more...)
A2 SEA



HELCOM Data doesn't have everything!

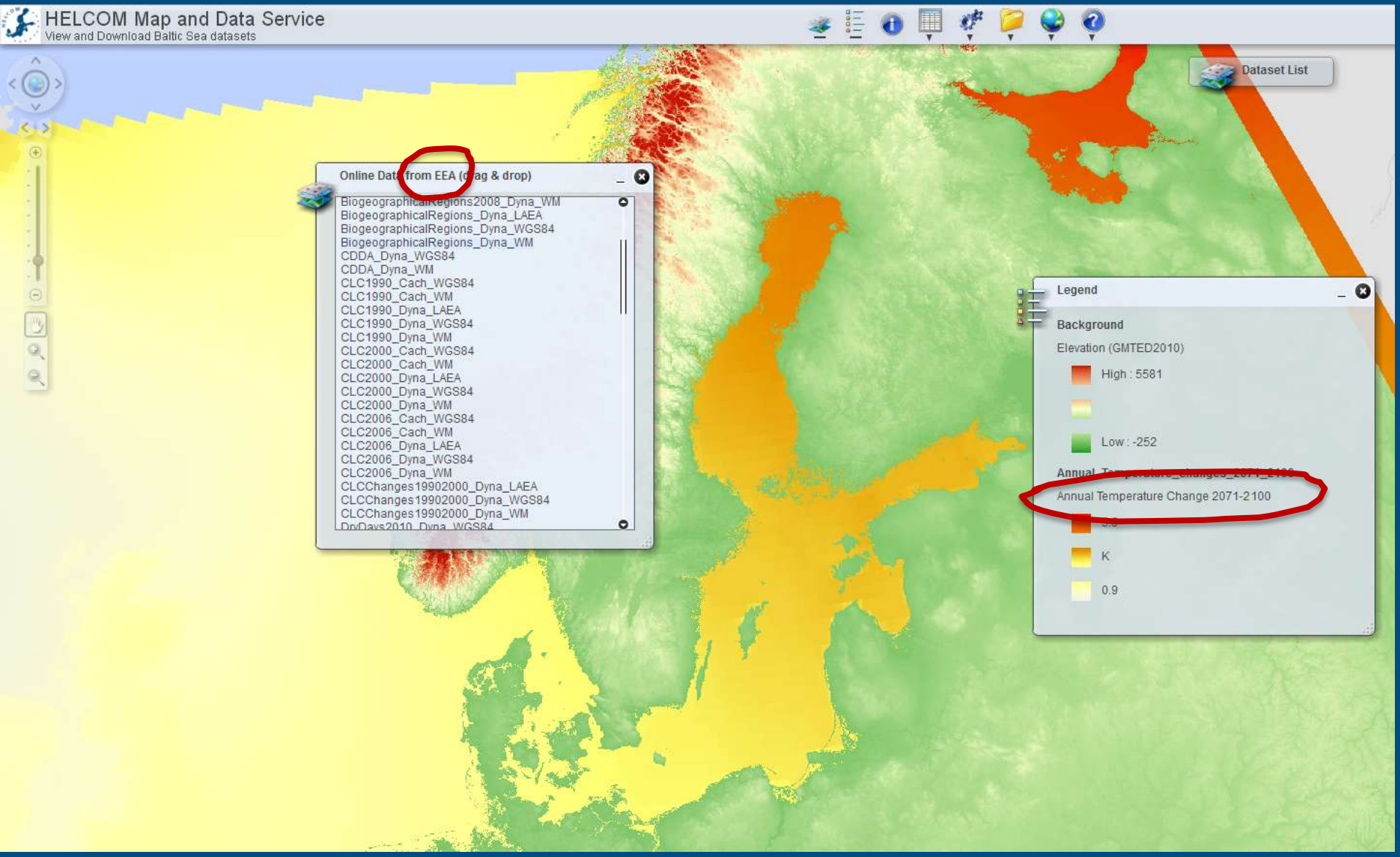
Main target resolution: REGIONAL

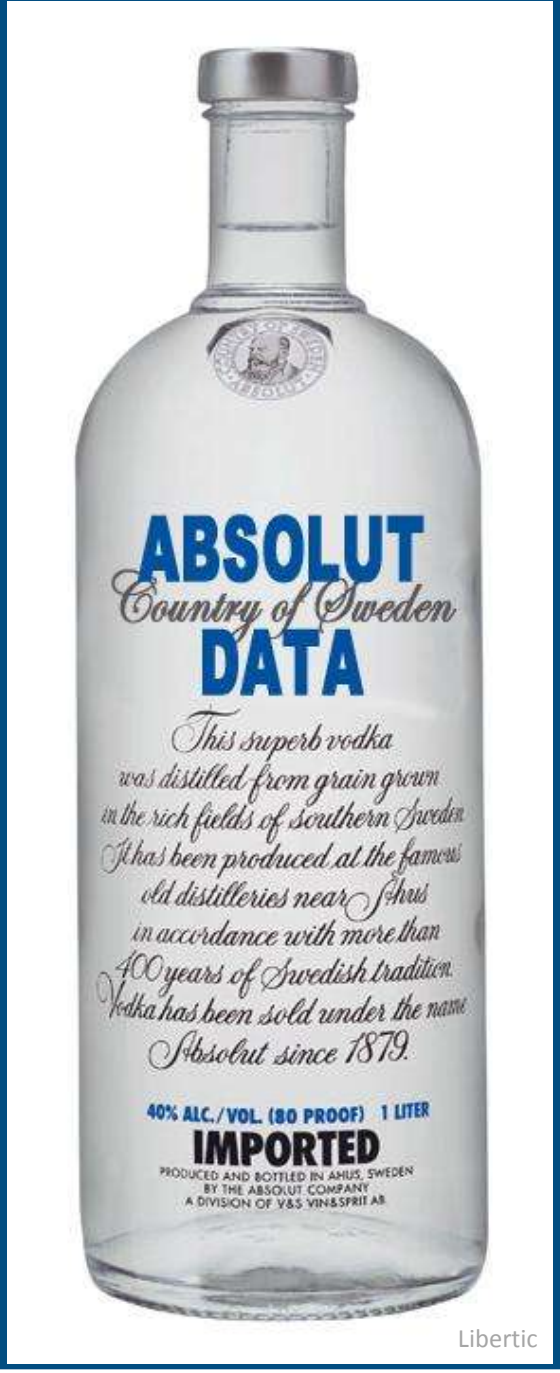


HELCOM collaborates with other European data institutions

European Environment Agency

ICES
CIEM


HELCOM Map and Data Service
View and Download Baltic Sea datasets
Dataset List
Online Data from EEA (drag & drop)
BiogeographicalRegions2008_Dyna_WM
BiogeographicalRegions_Dyna_LAEA
BiogeographicalRegions_Dyna_WGS84
BiogeographicalRegions_Dyna_WM
CDDA_Dyna_WGS84
CDDA_Dyna_WM
CLC1990_Cach_WGS84
CLC1990_Cach_WM
CLC1990_Dyna_LAEA
CLC1990_Dyna_WGS84
CLC1990_Dyna_WM
CLC2000_Cach_WGS84
CLC2000_Cach_WM
CLC2000_Dyna_LAEA
CLC2000_Dyna_WGS84
CLC2000_Dyna_WM
CLC2006_Cach_WGS84
CLC2006_Cach_WM
CLC2006_Dyna_LAEA
CLC2006_Dyna_WGS84
CLC2006_Dyna_WM
CLCChanges19902000_Dyna_LAEA
CLCChanges19902000_Dyna_WGS84
CLCChanges19902000_Dyna_WM
Legend
Background
Elevation (GMTED2010)
High : 5581
Low : -252
Annual Temperature Change 2071-2100
K
0.9

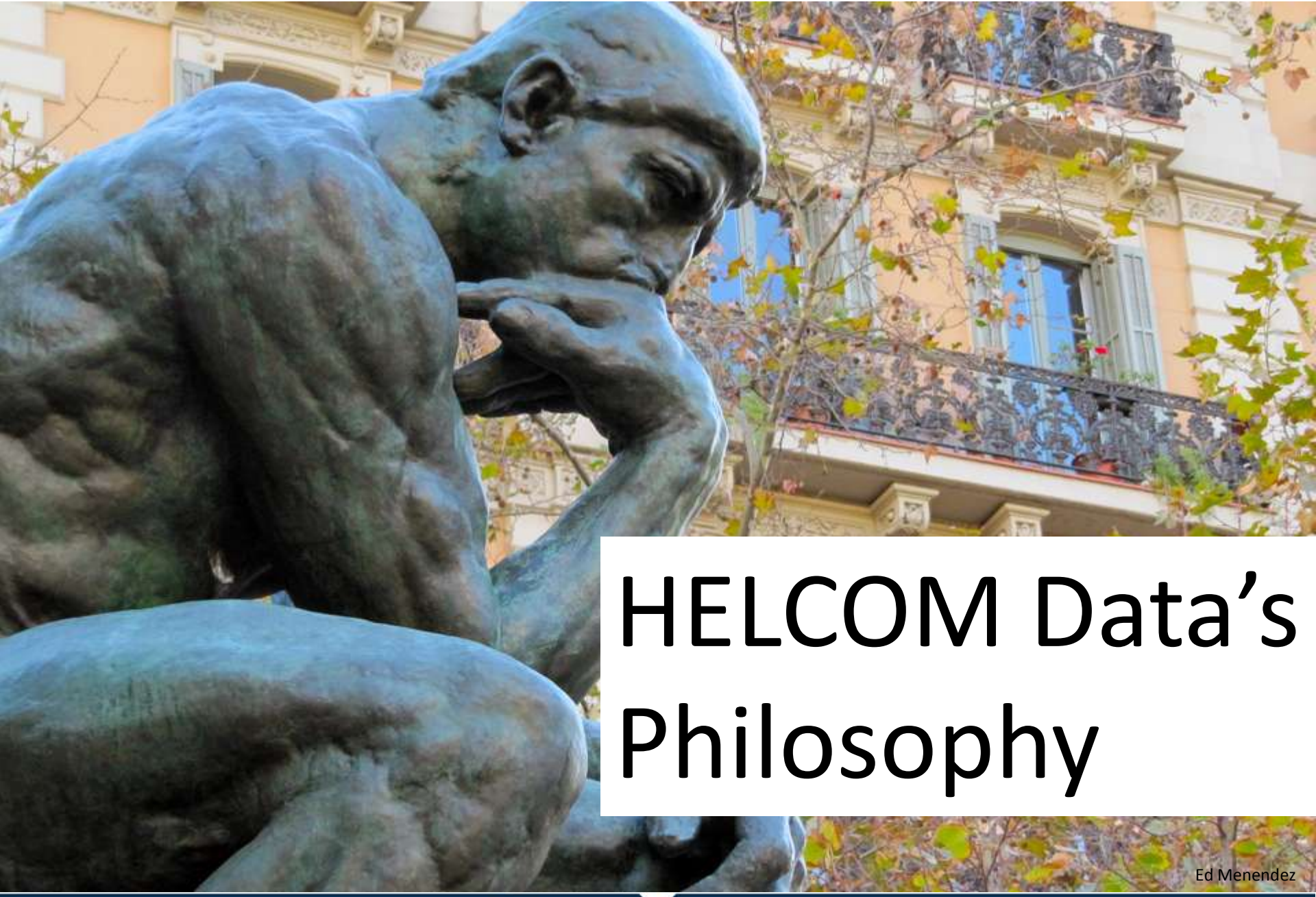


Libertic

MSFD Data and **I**nformation **K**nowledge **E**xchange

HELCOM is onboard in the MSFD process

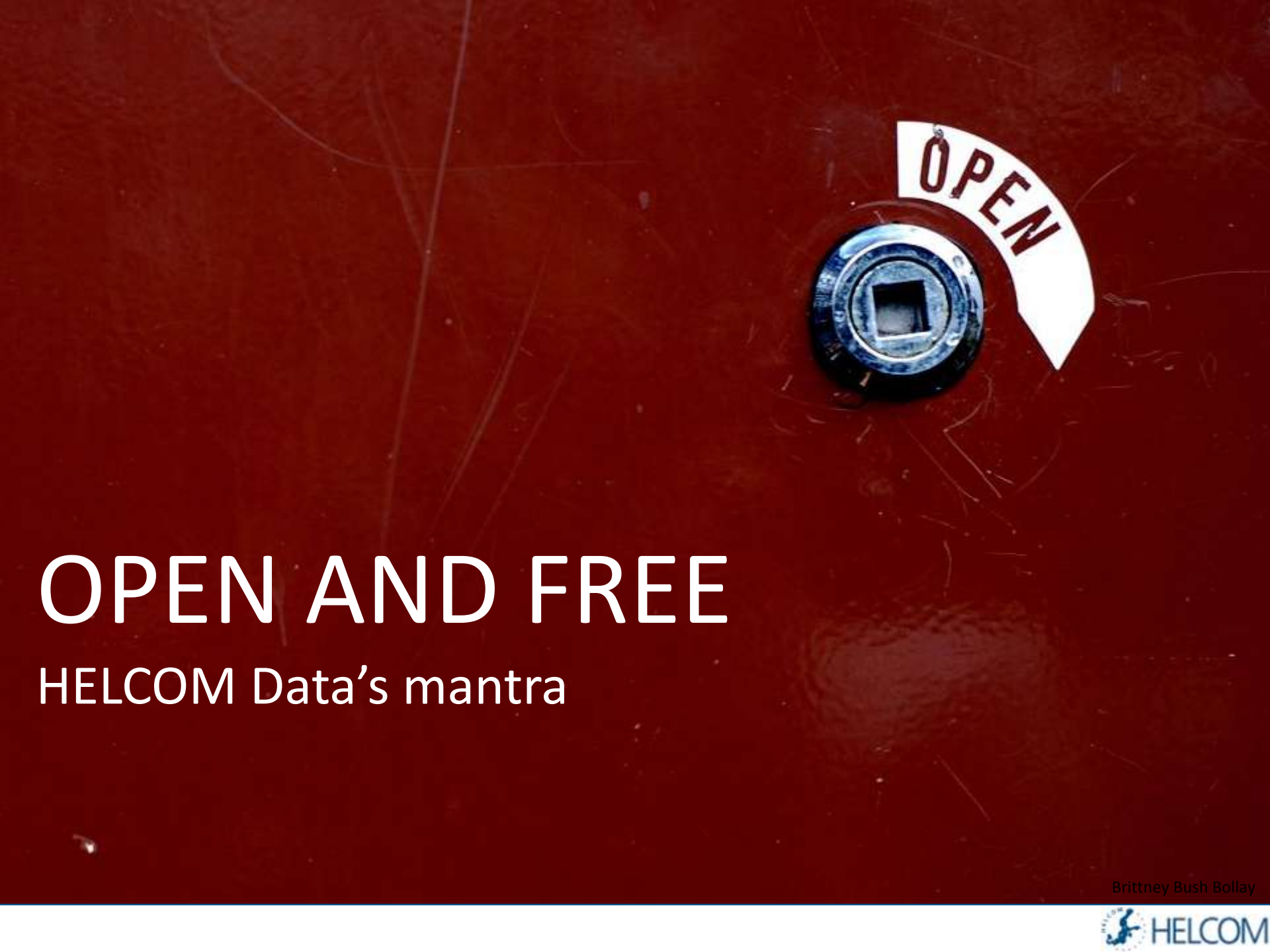
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HELCOM Data's Philosophy

Ed Menendez

HELCOM



OPEN AND FREE

HELCOM Data's mantra

Brittney Bush Bollay

HELCOM

WHY?

"All HELCOM monitoring data should be openly accessible…"

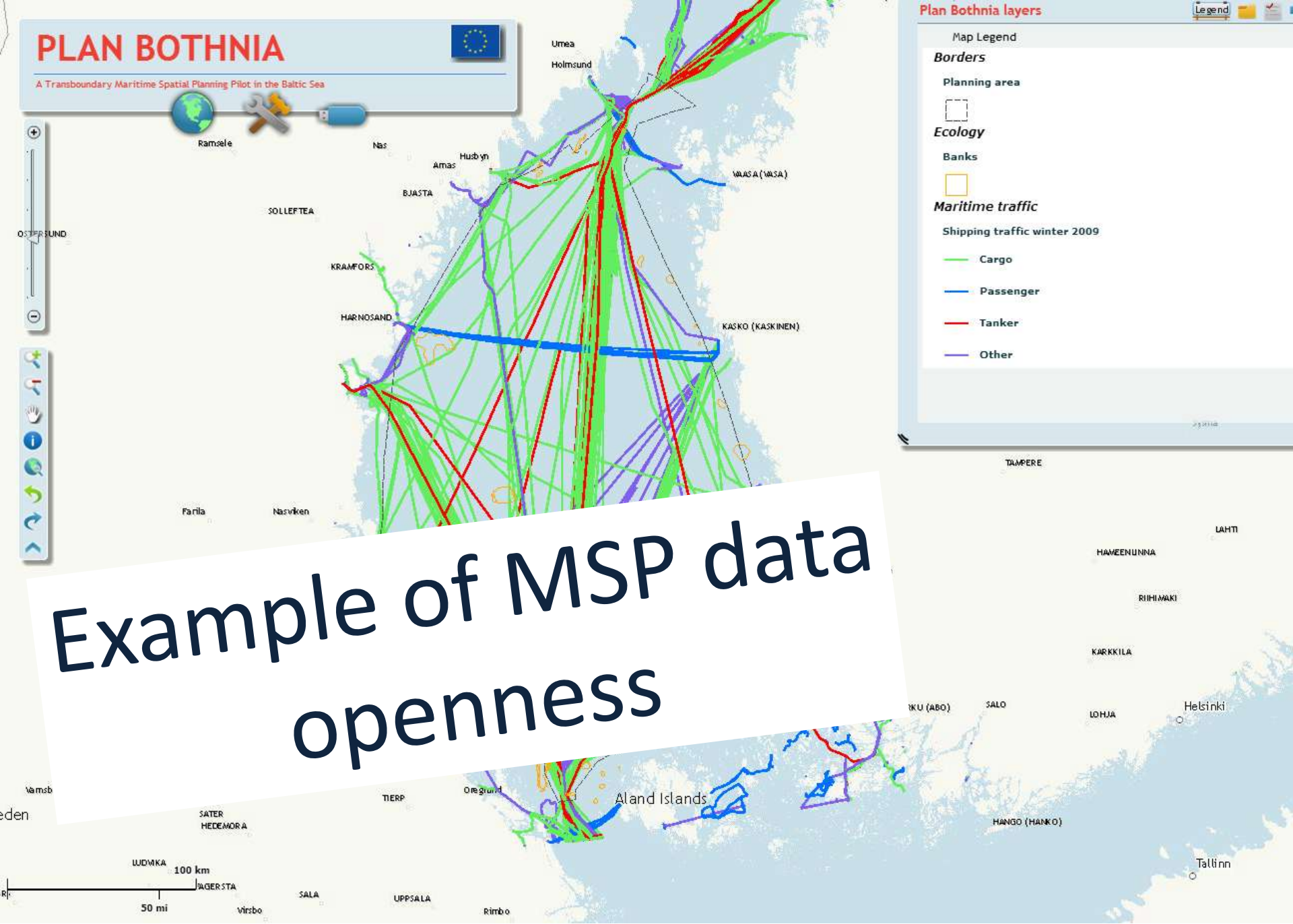
HELCOM Data and Information Strategy (2004)

"Planning processes should be open and transparent"

"Data should be openly accessible"

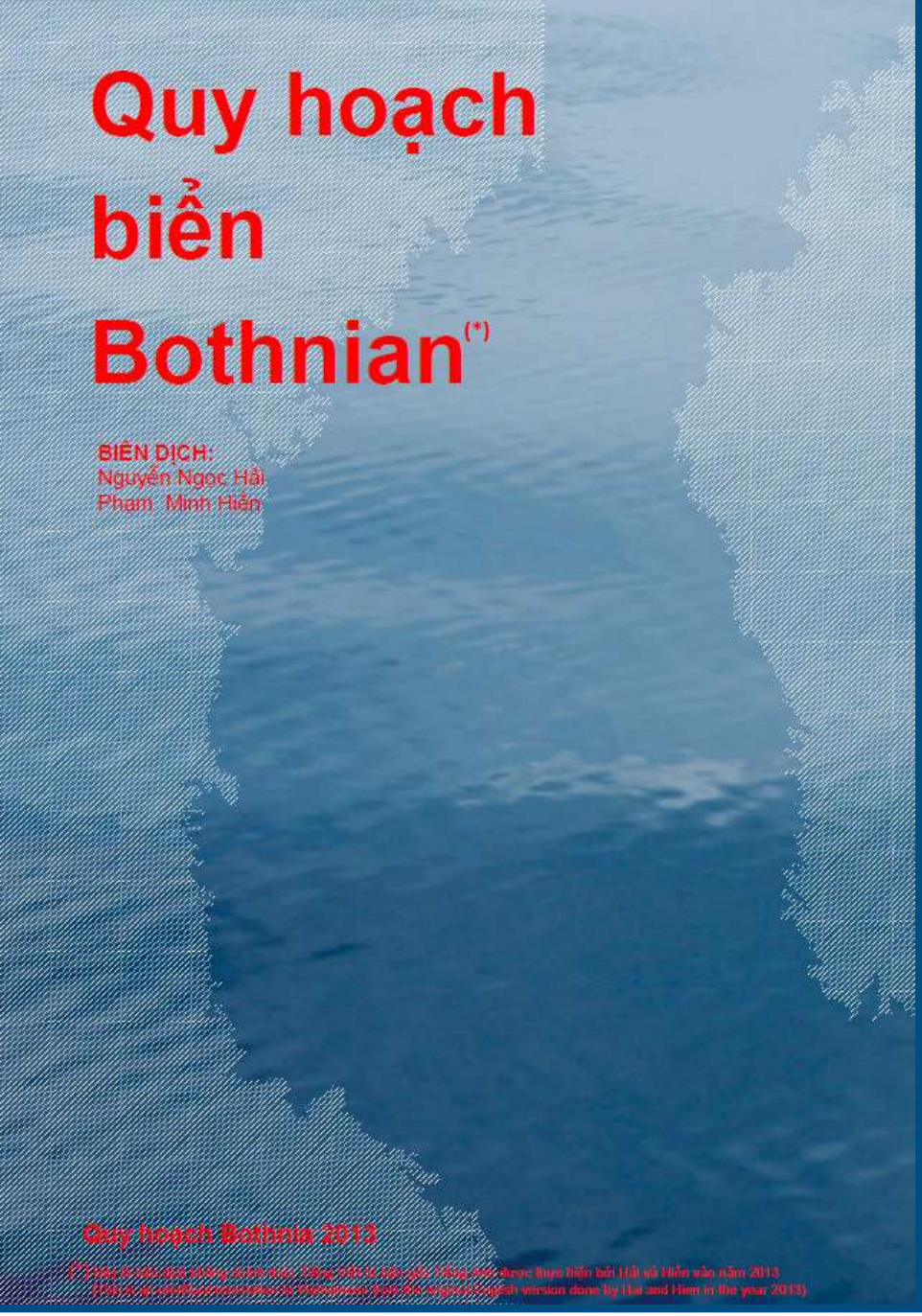
HELCOM-VASAB MSP principles (2010)

HELCOM



Example of MSP data openness

HELCOM



Plan Bothnia final report translated into Vietnamese!

Quy hoạch Biển Bothnia

Kết quả của Quy hoạch Bothnia – một Quy hoạch thử nghiệm Không gian Biển xuyên biên giới trong vùng biển Bothnia

(Ấn bản điện tử 2013)

Điều phối viên dự án và các tác giả:
Hermanni Backer
Manuel Frias

Các tác giả:
Hermanni Backer
Ulf Bergström
Christian Fredricsson
Ronny Fredriksson
Manuel Frias
Jyrki Hämäläinen
Sten Jerdenius
Pål Karlsson
Anu Kaskela
Pasi Laihonen
Sirkka Lehto
Mark Mostert
Marco Nurmi
Annukka Pekkarinen
Mirja Rasi Sari
Repka
Johanna Roto
Anne Savola
Tiina Tihlman
Lovisa Zillén Snowball

Thiết kế:
Johannes Nieminen
Tuomas Siitonen

Biên dịch:
Nguyễn Ngọc Hải
Phạm Minh Hiền

Quy hoạch Bothnia 2013





Challenges

Mooi Hsieh

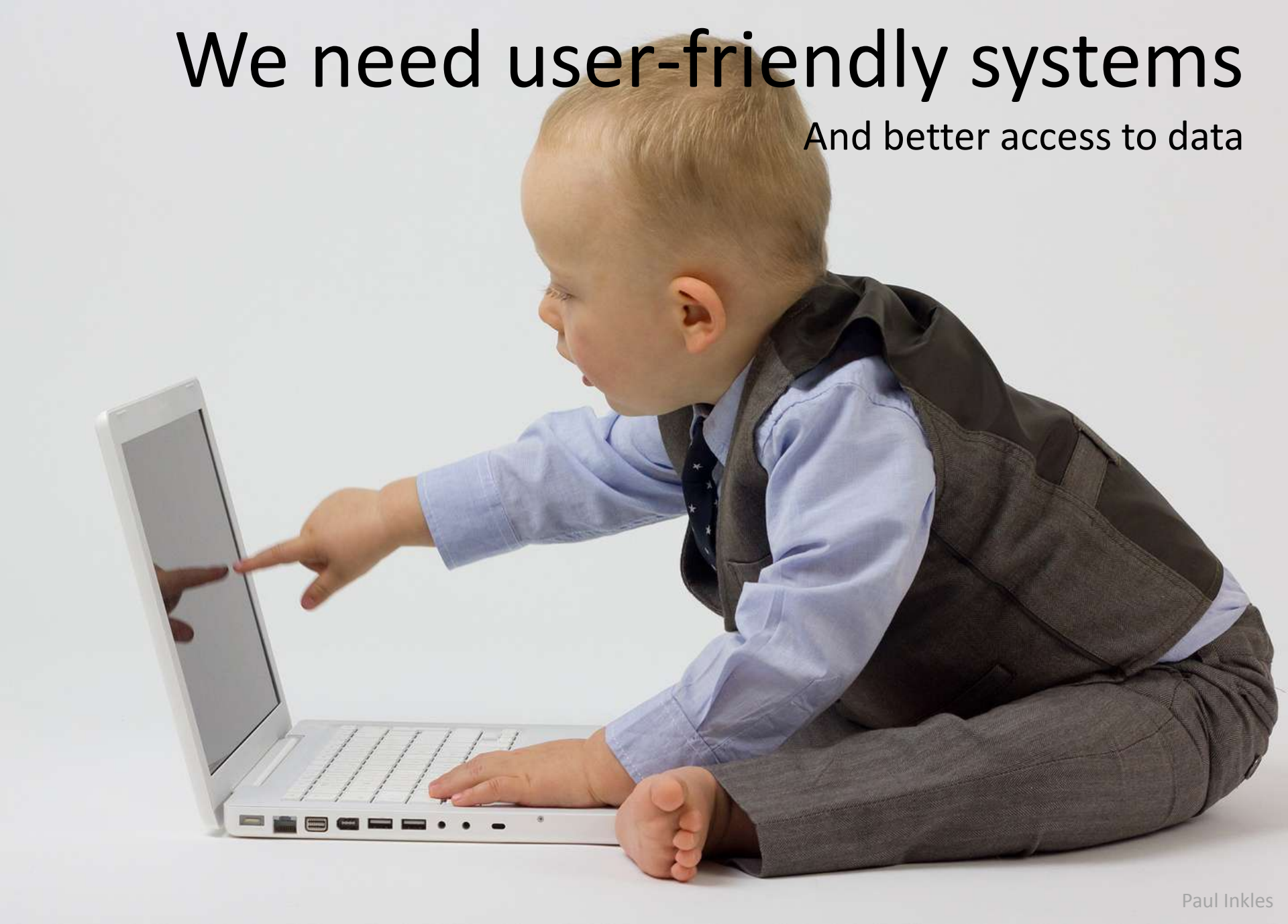
Those time consuming data flows



Brenda Anderson

We need user-friendly systems

And better access to data

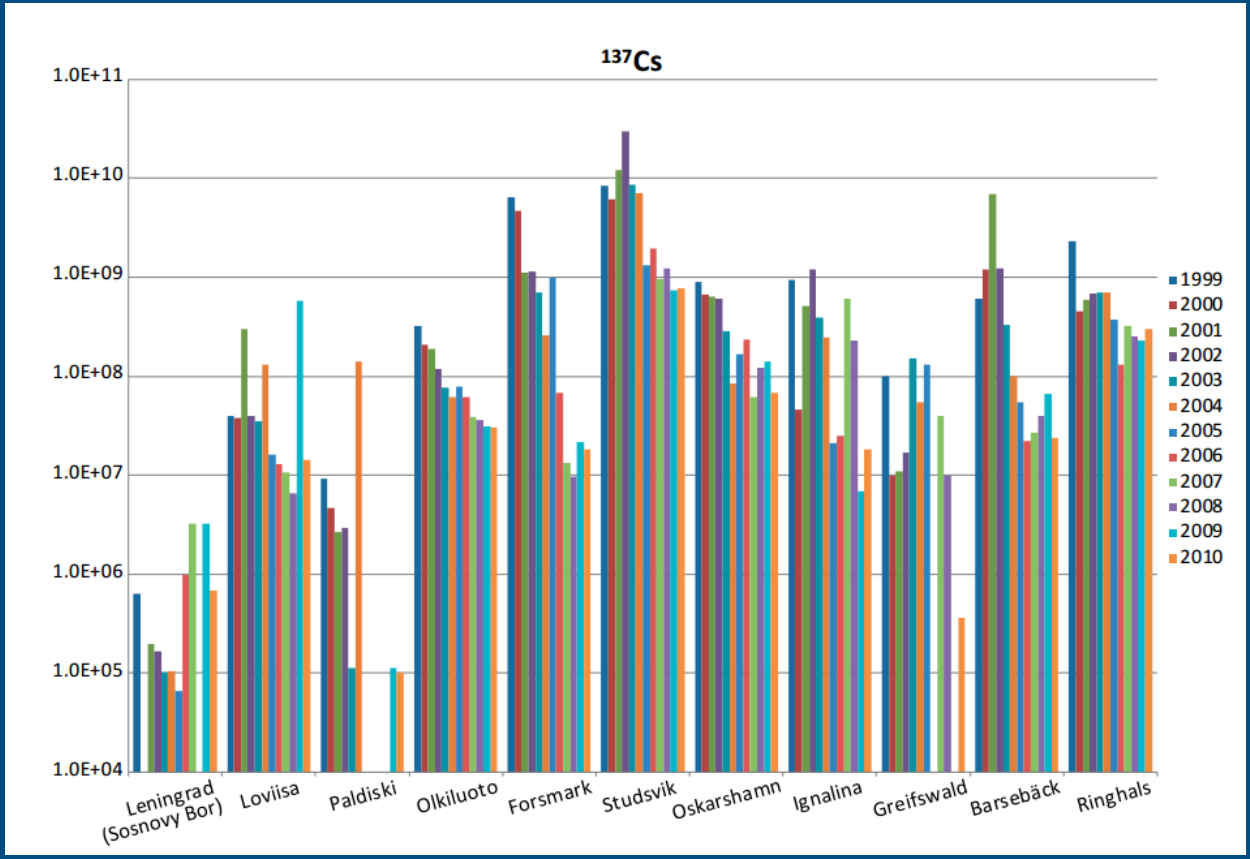


Paul Inkles

HELCOM

Data visualization –

room for improvement



We should try to make more understandable charts

HELCOM

We have a dream



UIC Digital Collections

A world where all data is compatible



Kyknoord

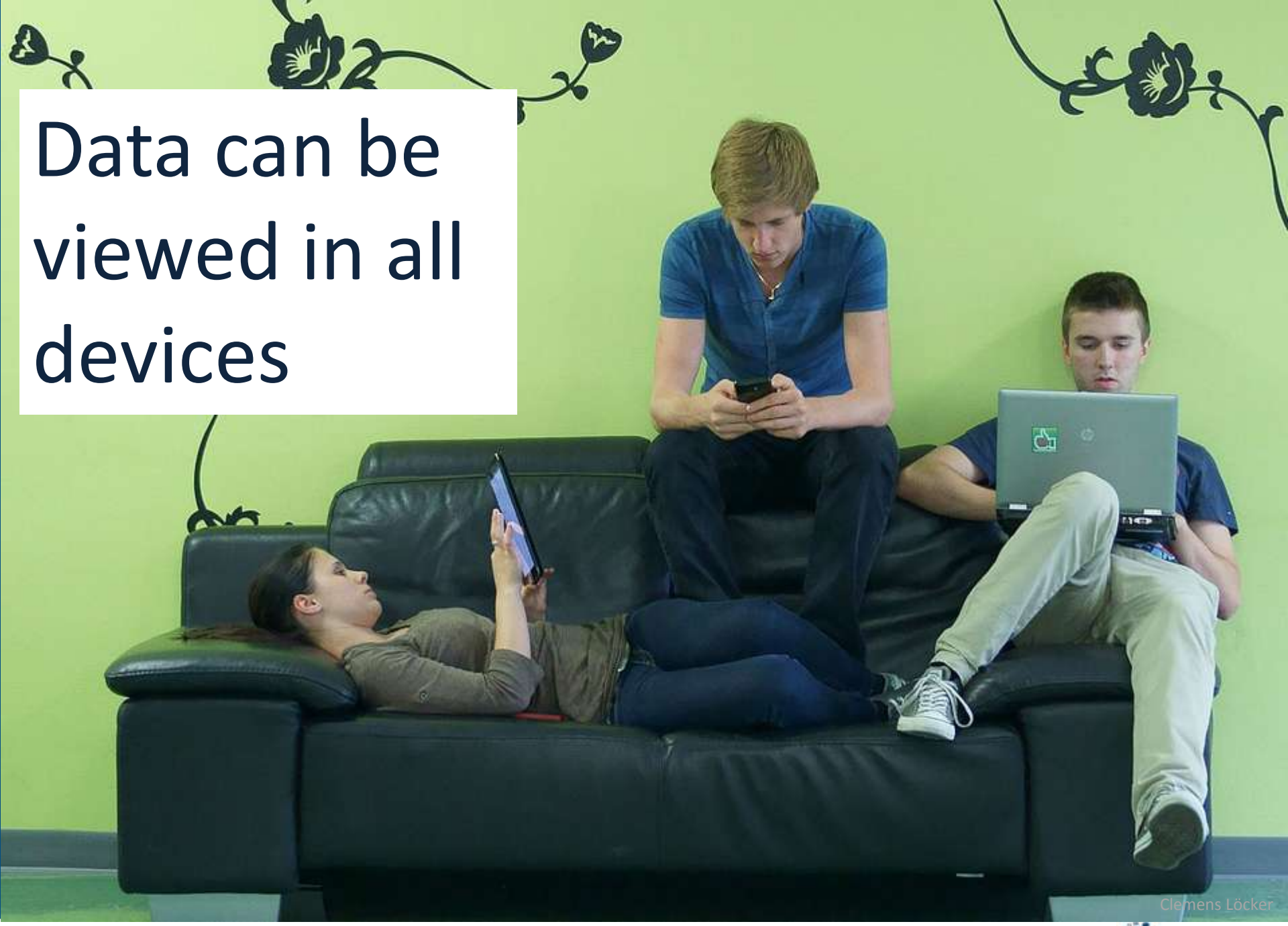
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A painless downloading and uploading



John Trainor

HELCOM


Data can be viewed in all devices


I would like a regional data system to be _____
You
To be continued...
VASAB
HELCOM



Baltic Marine Environment Protection Commission