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Navigating the complex waters of data integration in the blue economy

Honest insights from the Danish public administration

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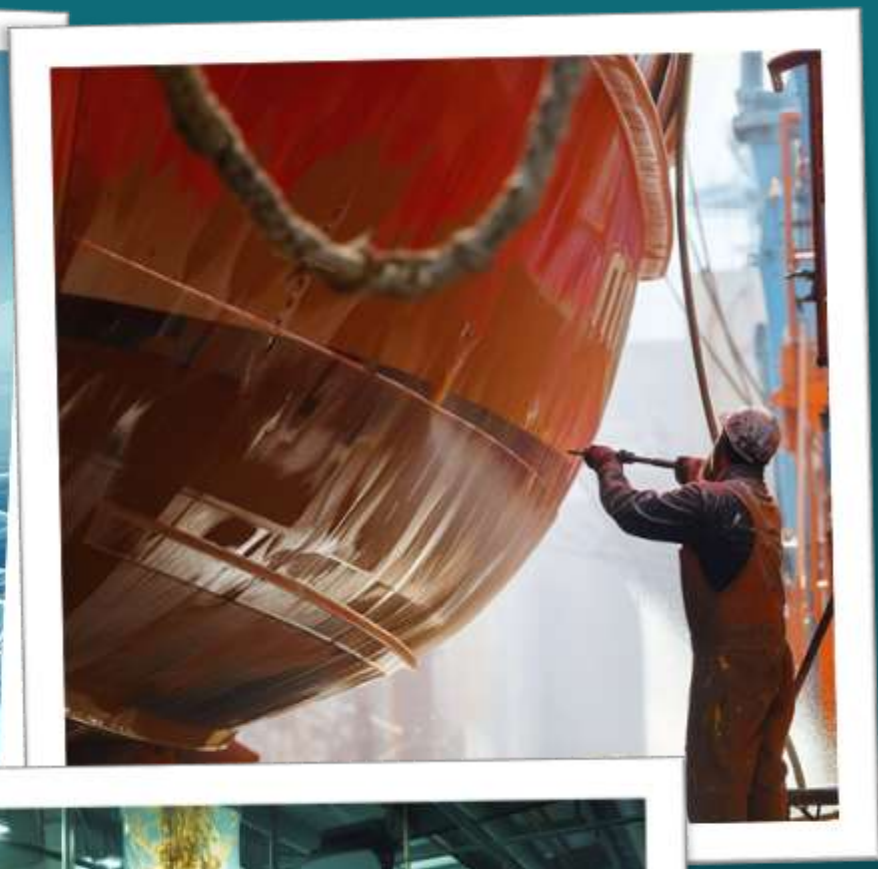
Danish Geodata Agency

Geodatastyrelsen



FINDABLE

Data has rich metadata and unique identifier

ACCESSIBLE

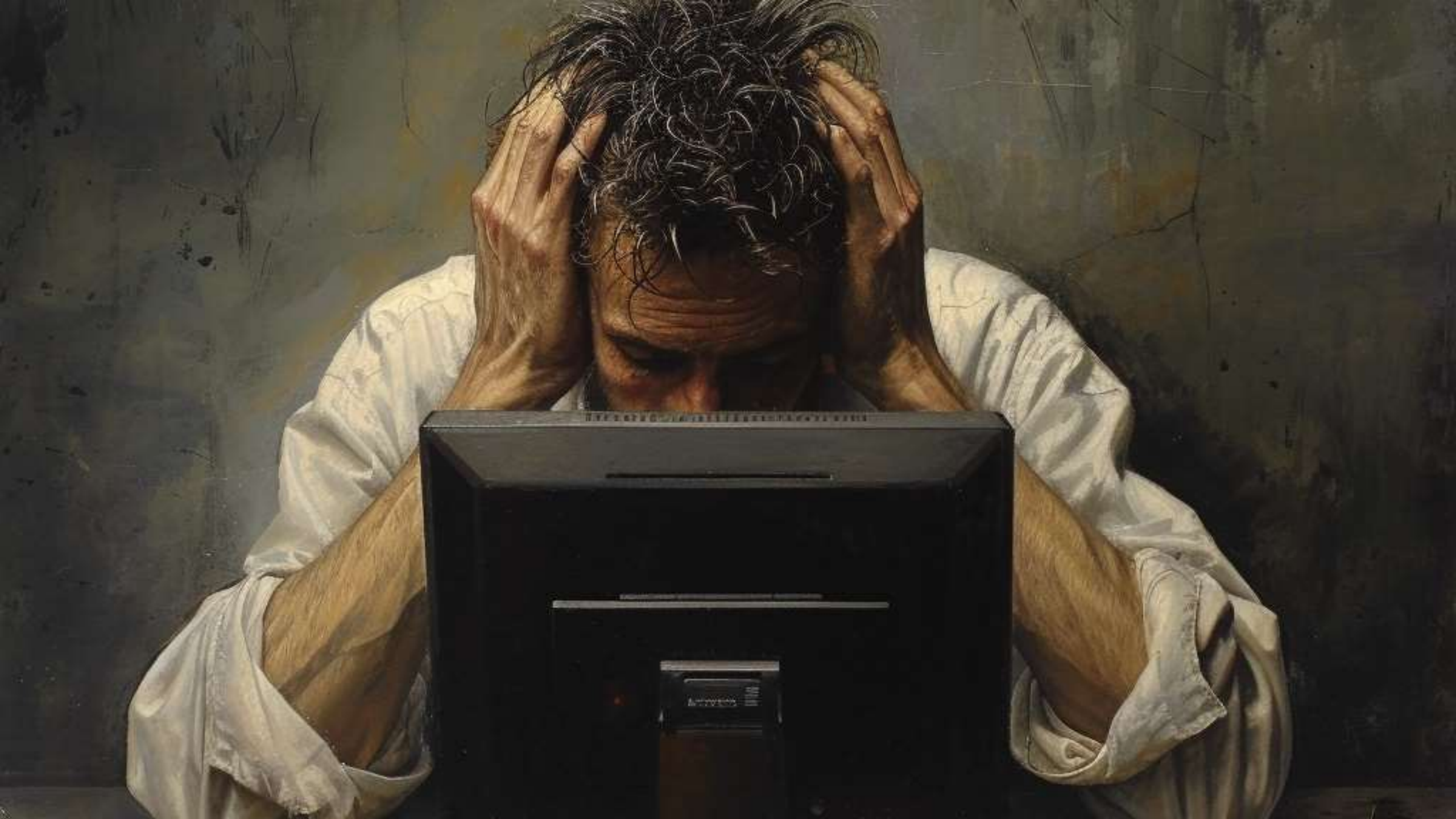
Data can be easily downloaded or used by using standard protocols

INTEROPERABLE

Metadata use an accessible and standard language

REUSABLE

Data is well-described and provides clear usage of licences

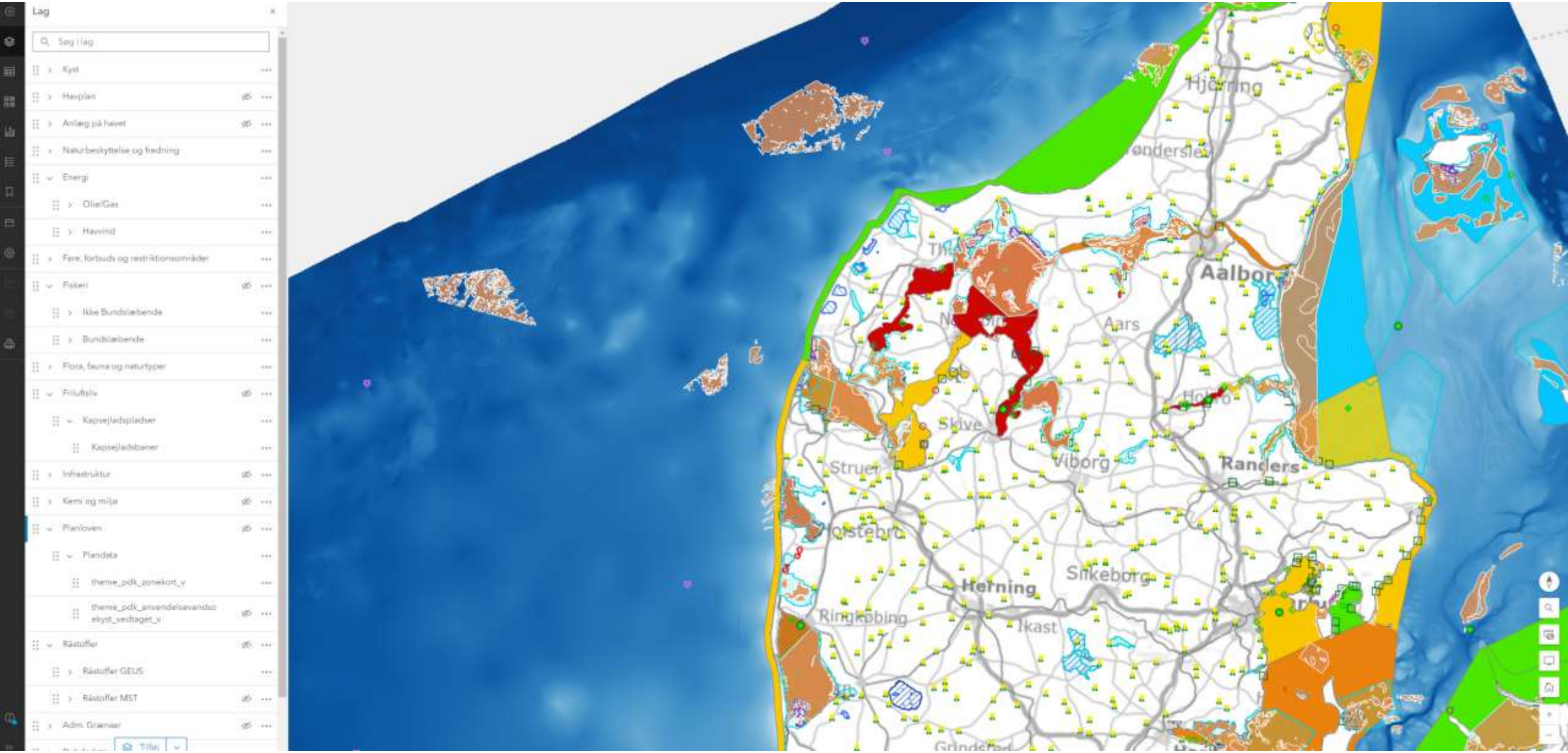


The Ambition of 10,000 Wind Turbines

The Ambition of 10,000 Wind Turbines

- Data collection lacks standardized guidelines and depends heavily on the developer's consultant
- Initiating a project requires contacting data owners to gather necessary yet potentially random data.
- There is no legal requirement for developers to manage or disclose data, and authorities lack the capacity to handle data
- Developers are interested only in conclusions and reports required by authorities, not the data itself.

Solidarity in Data Sharing? The Danish MSDI challenge


Lag
Søg i lag
Kyst
Havplan
Anlæg på havet
Naturbeskyttelse og fredning
Energi
Olie/Gas
Havvind
Fare, forbuds og restriktionsområder
Fiskeri
Ikke Bundslæbende
Bundslæbende
Flora, fauna og naturtyper
Friluftsliv
Kapsejladspladser
Kapsejladsbaner
Infrastruktur
Kemi og miljø
Planloven
Plandata
theme_pdk_zonekort_v
theme_pdk_anvendelsevandsoekyst_vedtaget_v
Råstoffer
Råstoffer GEUS
Råstoffer MST
Adm. Grænser
Hjørring
Aalborg
Aars
Skive
Viborg
Randers
Struer
Holstebro
Herning
Silkeborg
Ringkøbing
Ikast

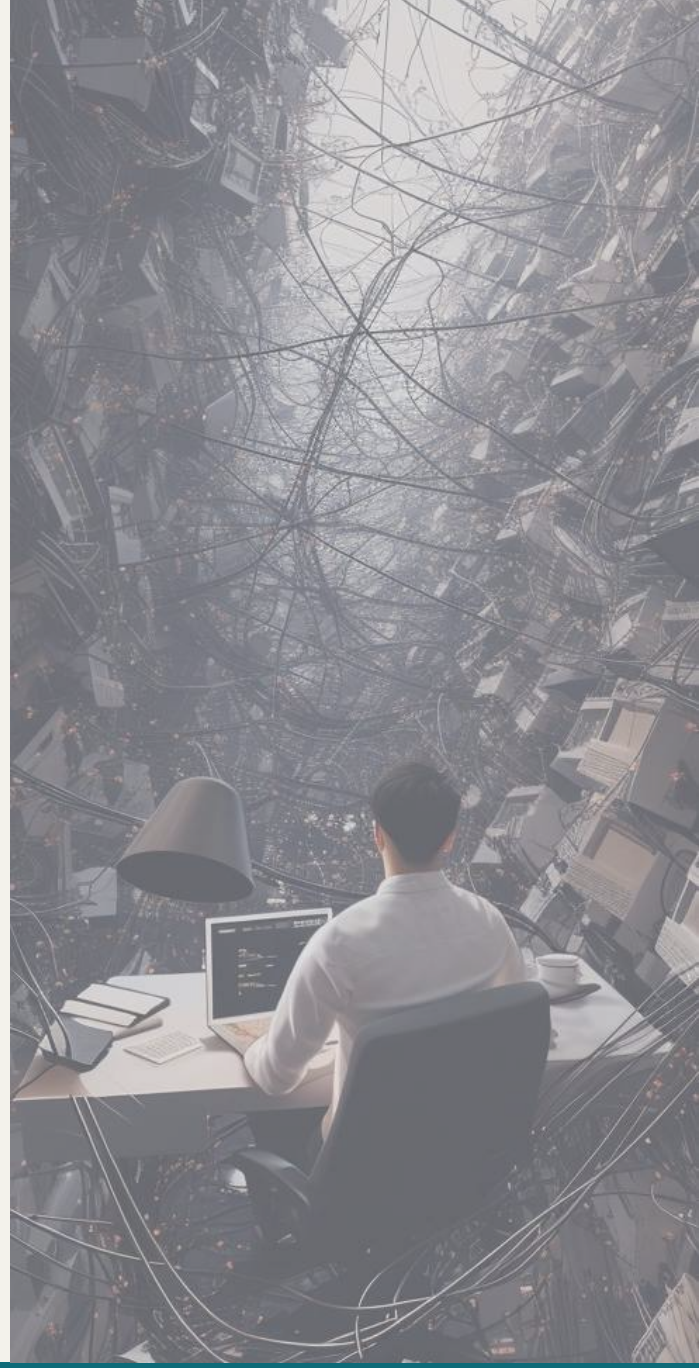
Solidarity in Data Sharing? The Danish MSDI challenge

- **The Marine Spatial Data Infrastructure (MSDI) started up as a success**
- **Strugling with funding and withdrawal of key members**
- **The paradox of acknowledging potential while withdrawing financial support**

Five trends in data integration challenges from a public viewpoint

1) Technological and Data Complexity

Different technology platforms, scattered data sources, and varying data quality among public and private groups make it hard to connect, combine, and trust data across organizations.

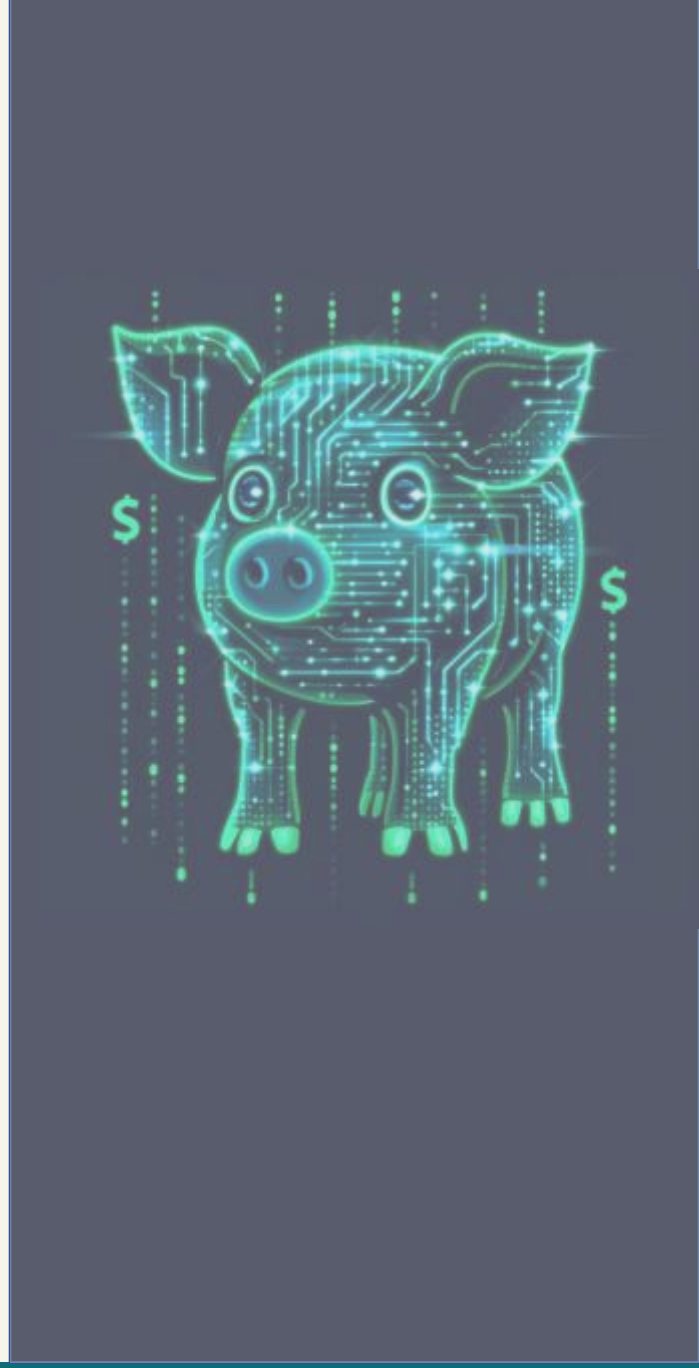


2) Legislative and Regulatory Gaps

The lack of clear laws and rules for collecting, sharing, and using data causes uncertainty and makes it hard to effectively combine and use different data sources.

3) Funding and Resource Allocation

Tight budgets and difficulties in distributing money and staff resources make it hard to grow and maintain data integration projects.



4) Lack of Data Sharing Incentives

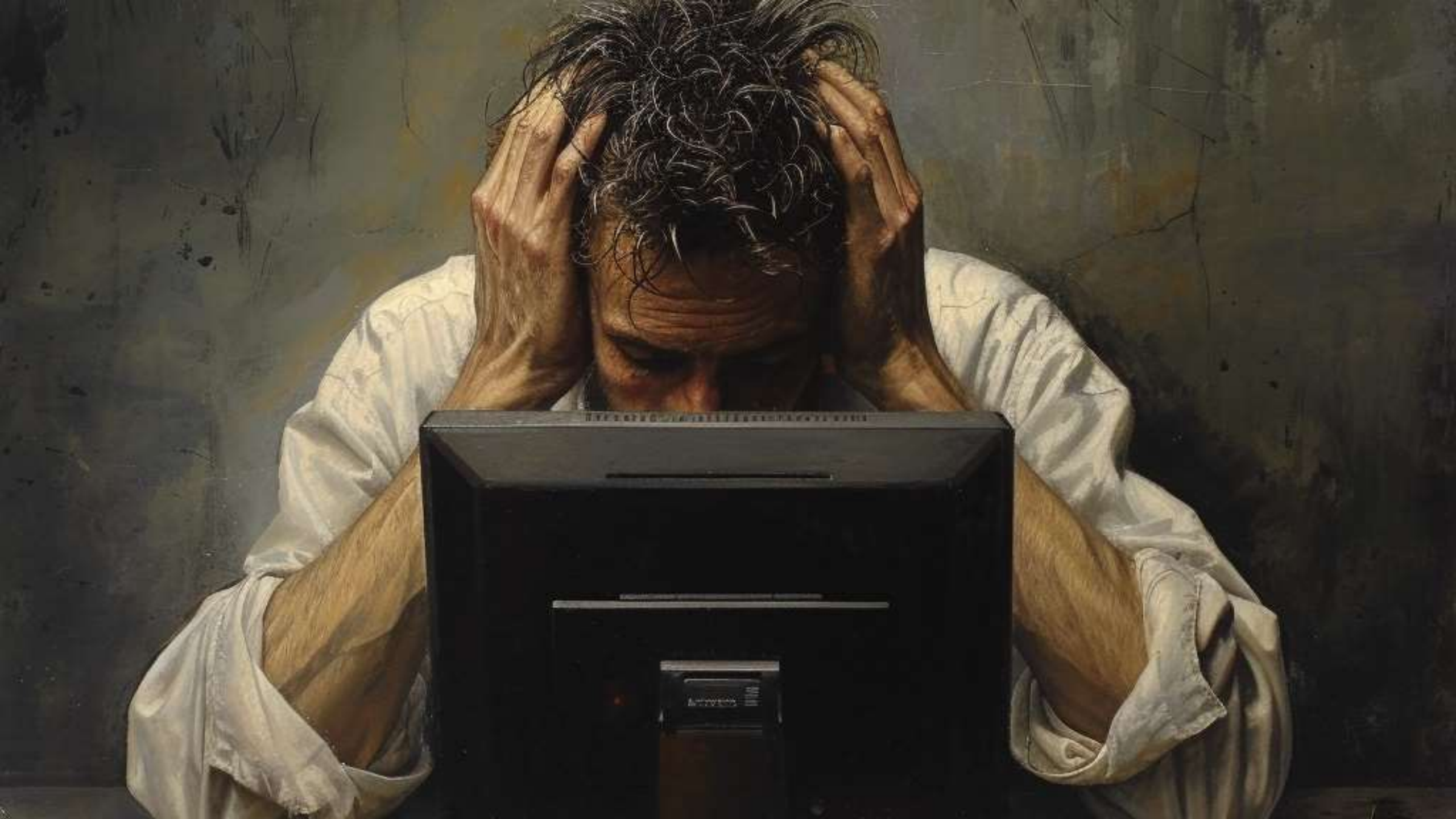
Without clear rewards or rules for sharing data between public agencies and private companies, important data often goes unused.

5) National Security

Security risks and concerns about national security, means marine data cannot be widely shared and we need to be careful and use advanced technology to protect the information.

A wrap up

- Technological and Data Complexity
- Legislative and Regulatory Gaps
- Funding and Resource Allocation
- Lack of Data Sharing Incentives
- National Security



Thank you

(and please catch up – I am not grumpy all the time…)

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