

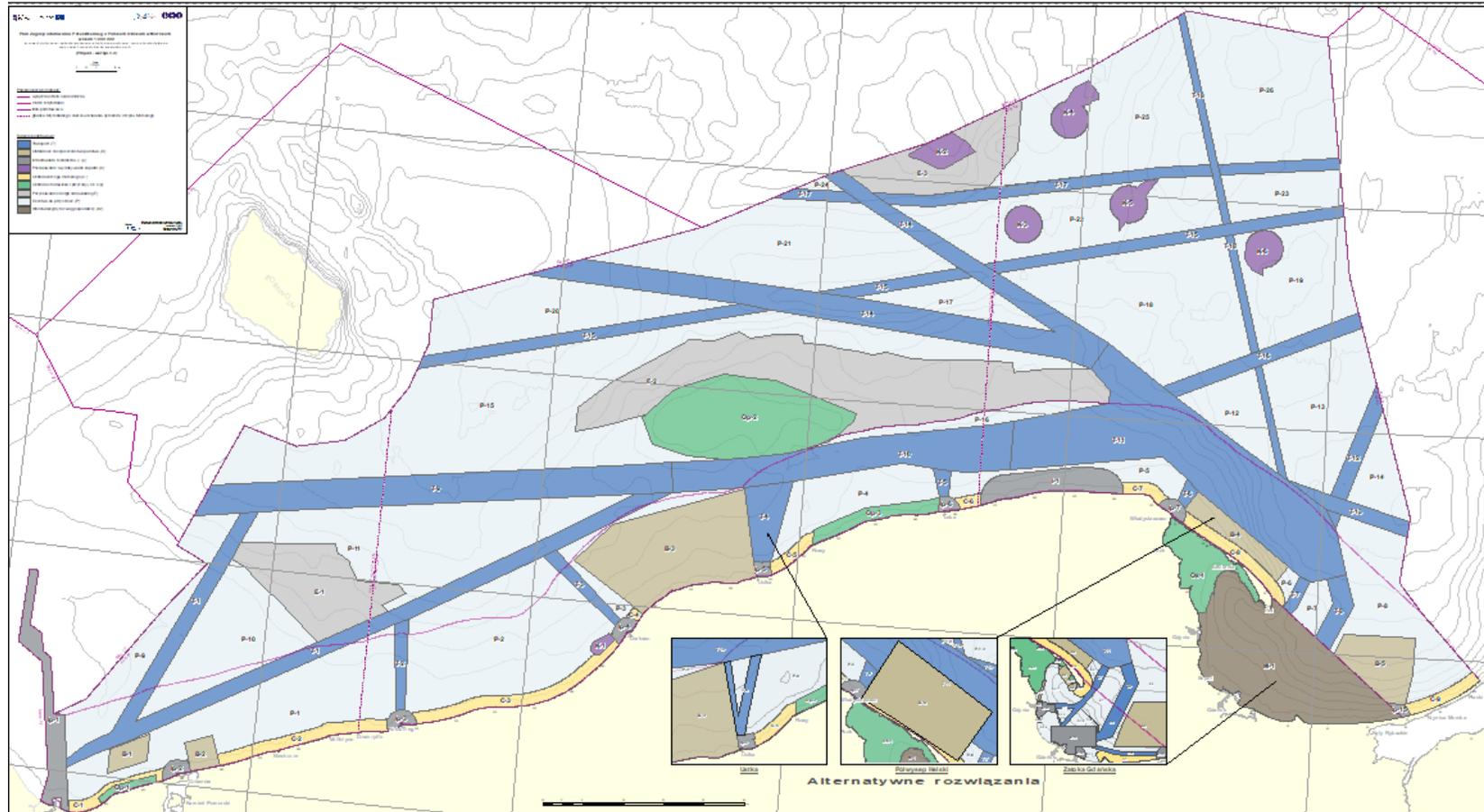
# PL-DE data test case

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Helsinki, 13-14 November 2017



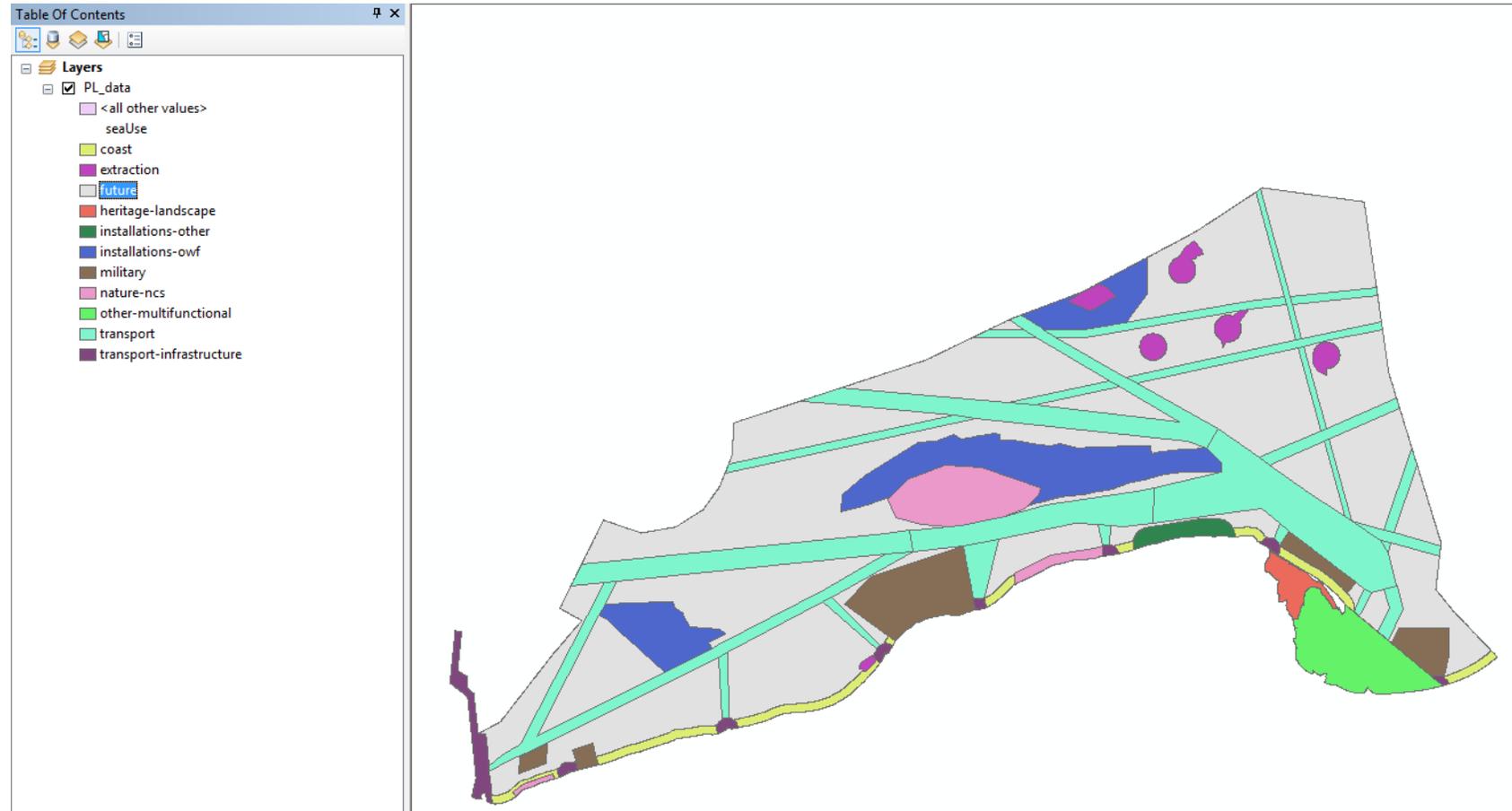
# 1 st step– PL Data mapping



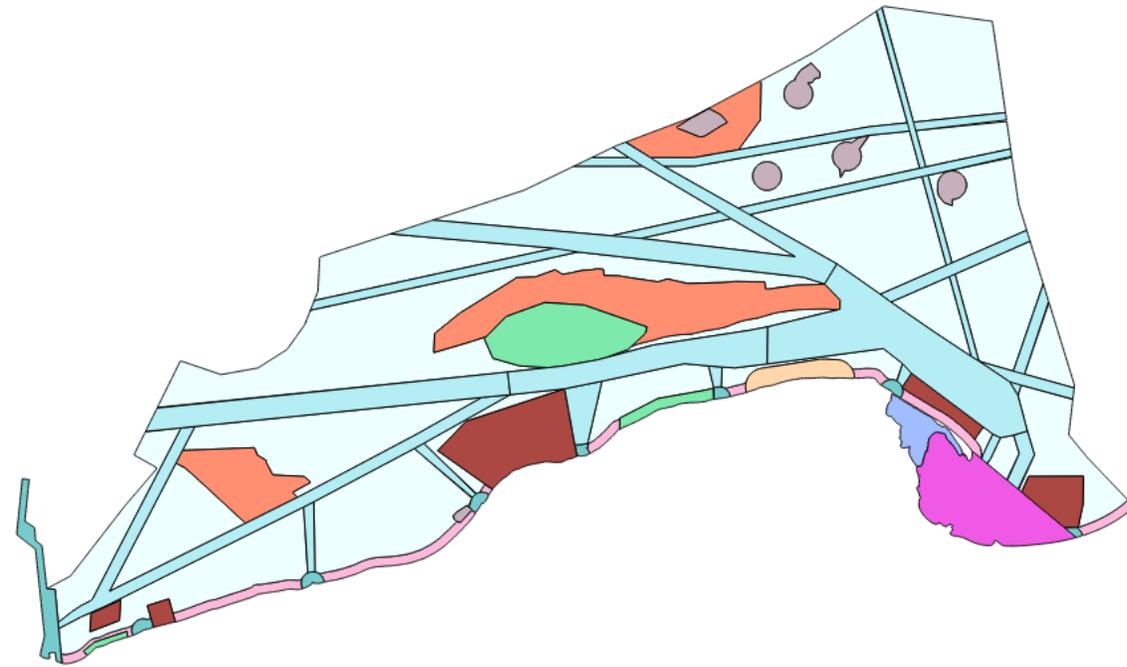
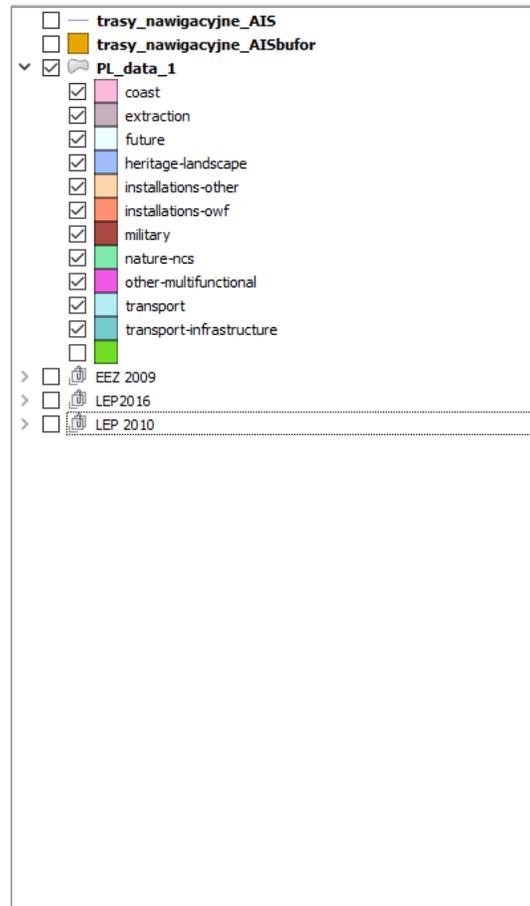
# 1 st step– PL Data mapping

PL	Kod	mspdata
sztuczne wyspy, konstrukcje i urządzenia	W	other-islands
transport	T	transport
obiekty infrastruktury technicznej	I	installations-other
zapewnienie dostępu do portów	Ip	<b>transport-infrastructure</b>
ochrona przyrody	O, Op	nature
ochrona środowiska i przyrody ze szczególnym uwzględnieniem środowiska kulturowego	Os	<b>heritage-landscape</b>
dziedzictwo kulturowe	D	heritage
rybołówstwo	R	fishing
akwakultura	A	aquaculture
lokalizacja obiektów do pozyskiwania i gromadzenia energii odnawialnej	E	installations-owf
poszukiwanie, rozpoznawanie i wydobycie kopalin	K, Kp	extraction
turystyka, sport i rekreacja	S	tourism
obronność i bezpieczeństwo państwa	B	military
badania naukowe	N	research
zachowanie rezerwy przestrzeni na przyszłość	P	future
ochrona brzegu, w tym ochronę nagromadzeń piasku temu celowi służących (zabezpieczenie naturalnych procesów dynamicznych)	C	coast
wielofunkcyjny rozwój gospodarczy – akwen przeznaczony na rozwój funkcji gospodarczych (turystyka, transport) i ochrony brzegu.	M	<b>other-multifunctional</b>

# 1 st step– PL Data mapping



# 1 st step– PL Data mapping



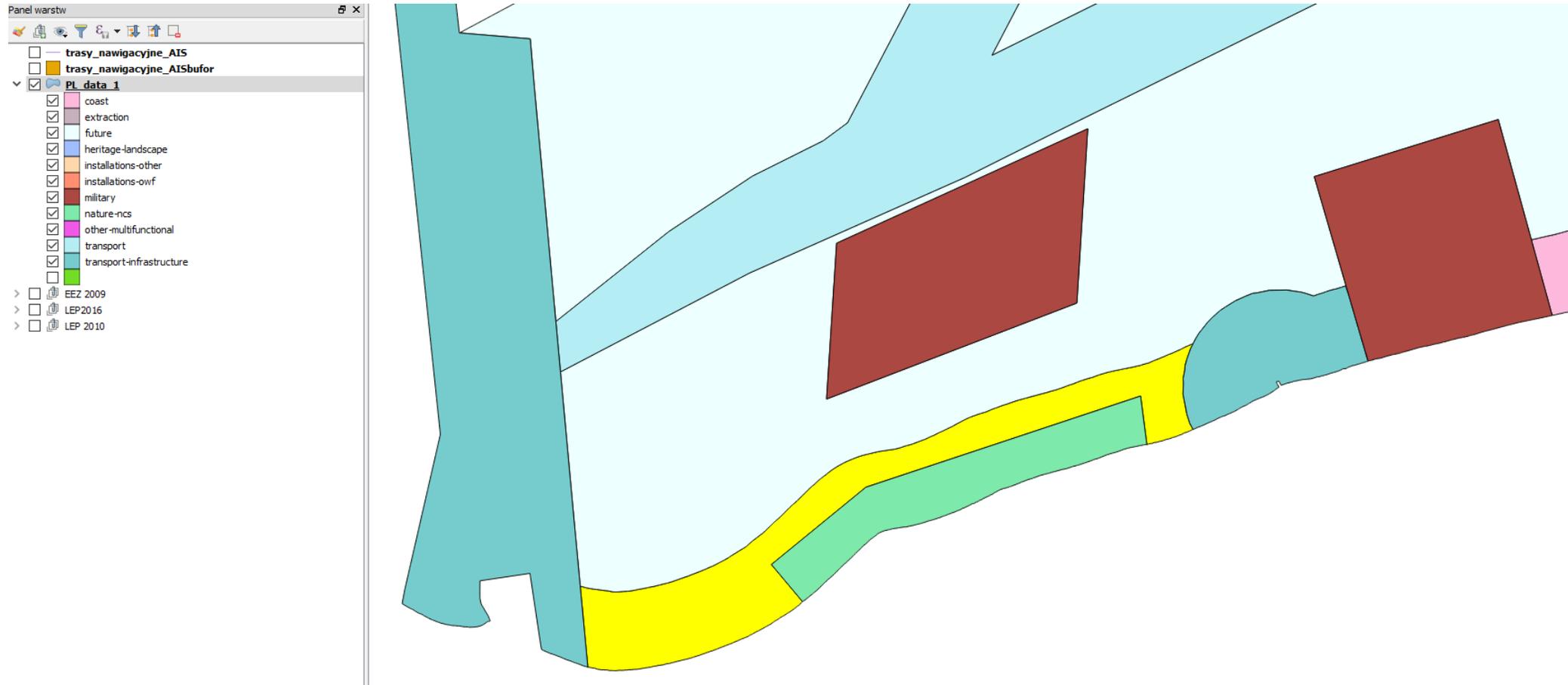


# 1 st step– PL Data mapping

The screenshot shows a software interface for data mapping. On the left, a list of labels is displayed with checkboxes. On the right, a form for label 'C-1' is shown with various fields. A red border highlights the bottom section of the form, which includes fields for 'seaUse', 'useType', 'useDisc', 'seaUse2', 'useType2', and 'useDisc2'.

Label_name	Value
Akwen_Name	C_1
F_POdst	C
vis	0
Label_name	C-1
Link_DOC	..\..\Karty Synergii i Konfliktow\C\C-1.docx
F_DOP_Pr	O, R, S
F_DOP_Poz	T, B, I, D, N, Kp, W
Label_Old	OB-1
F_Group	C
seaUse	coast
useType	priority
useDisc	intended for shore protection, including the protection of sand deposits for this purpose (protection of natural dynamic processes)
seaUse2	nature, fishing, tourism, transport, military, installations-other, heritage, research, extraction, other-islands
useType2	allowed
useDisc2	NULL

# 1 st step– PL Data mapping



# Remarks

- Added seaUse: coast. intended for shore protection, including the protection of sand deposits for this purpose (protection of natural dynamic processes)

coast

coast protection

# Remarks

- Installations and infrastructures. According to MSP directive: installations and infrastructures for the exploration, exploitation and extraction of oil, of gas and other energy resources, of minerals and aggregates, and for the production of energy from renewable sources. Bridge, tunnel, coast and harbour don't fit there. Platform is questionable because its purpose may be, for example, scientific research only. Removed coast and harbour. Moved bridge, tunnel.

# Remarks

- Added installations-other (for example technical infrastructure for nuclear power plant in polish msp)

installations-other

other type of installations and infrastructures

# Remarks

- Changed 'other'

other	other
other-dredging	dredging
other-dumping	dumping
installations-bridge	bridge
installations-tunnel	tunnel
other-port	port
other-islands	artificial islands
other-multifunctional	multifunctional economic development

# Remarks

- Added to 'transport'

transport	maritime transport routes and traffic flows
transport-infrastructure	infrastructure providing access to the port

# New idea

- Reverse: not *seaUse*, *useType* and *useDsc* attributes but:

priority use

allowed use

restricted use

forbidden use

# New idea

PL\_data\_2 :: Features total: 81, filtered: 81, selected: 0

abc Akwen\_Name

- C\_1
- C\_2
- C\_3
- C\_4
- C\_5
- C\_6
- C\_7
- C\_8
- C\_9
- P\_26
- P\_25
- P\_23
- P\_22
- P\_24
- P\_19
- P\_21
- P\_18
- P\_17
- P\_20
- P\_13

Akwen_Name	C_2
F_PODST	C
vis	0
Label_name	C-2
Link_DOC	..\..\Karty Synergii i Konfliktow\C\C-2.docx
F_DOP_Pr	O, R, S
F_DOP_Poz	T, B, I, D, N, Kp, W
Label_Old	OB-2
F_Group	C
priority	coast
priorDSC	intended for shore protection, including the protection of sand deposits for this purpose (protection of natural dynamic processes)
allowed	nature, fishing, tourism, transport, military, installations-other, heritage, research, extraction, other-islands
allowedDSC	NULL
restricted	no data yet
restrIDSC	no data yet
forbidden	no data yet
forbidDSC	no data yet

# Remarks

- Environmental – what to plan?

1. HELCOM Marine Protected Areas HELCOM MPAs - HELCOM Baltic Sea Action Plan-> Directive 2008/56/EC of the European Parliament and of the Council of 17 June 2008 establishing a framework for community action in the field of marine environmental policy (Marine Strategy Framework Directive)

2. Natura 2000 areas:

a) Special Protection Areas (SPAs) -> Directive 2009/147/EC of 30 November 2009 on the conservation of wild birds.

b) Special Areas of Conservation (SACs) -> Directive 92/43/EEC of 21 May 1992 on the conservation of natural habitats and of wild fauna and flora.

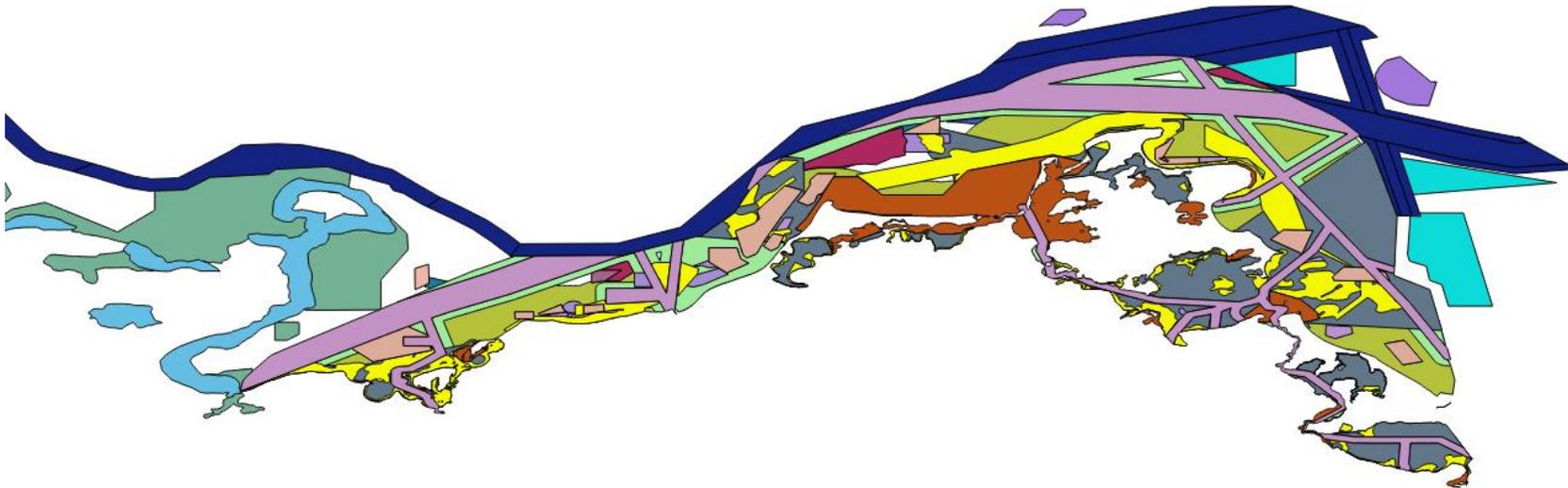
Natura 2000 also from Directive 2008/56/EC of the European Parliament and of the Council of 17 June 2008 establishing a framework for community action in the field of marine environmental policy (Marine Strategy Framework Directive)

3. Areas designated and protected under national laws:

a) national parks

b) landscape parks

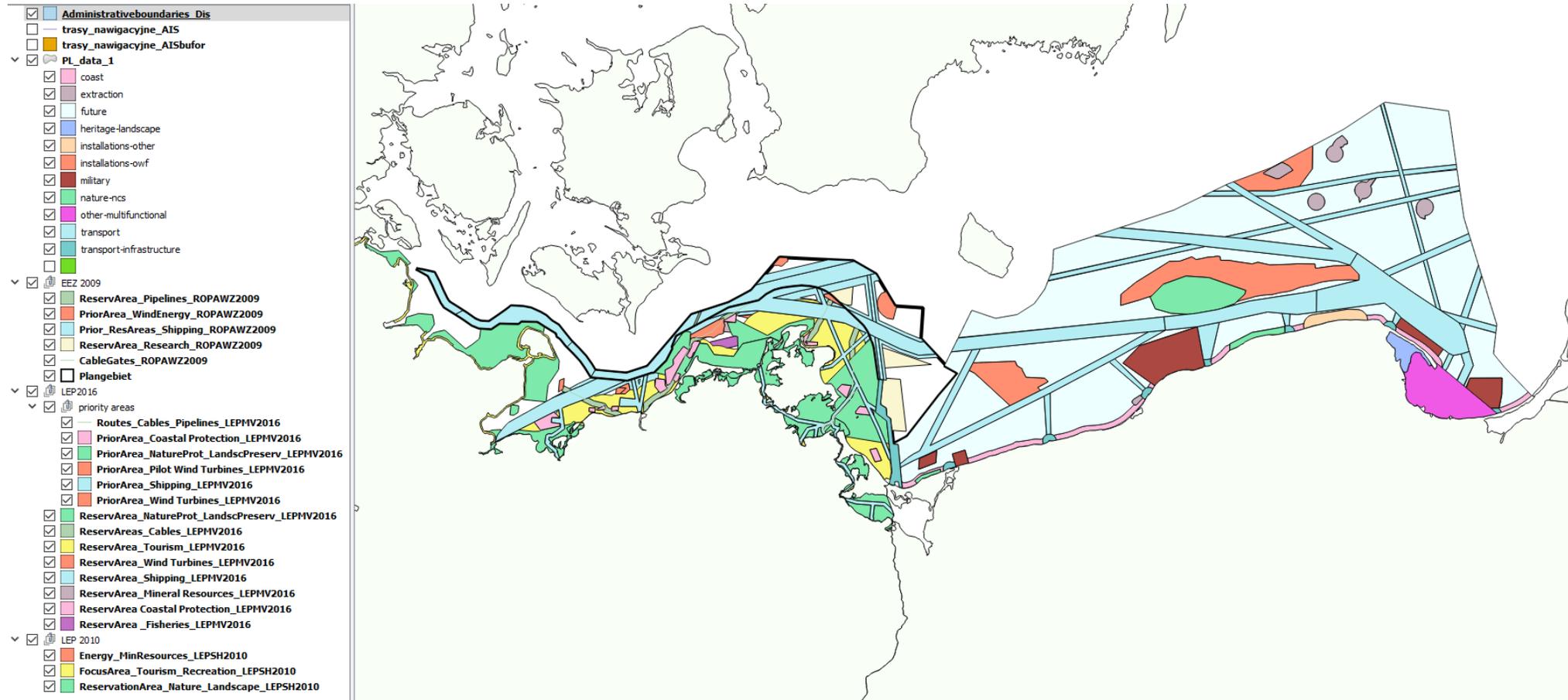
## 2 nd step– DE Data



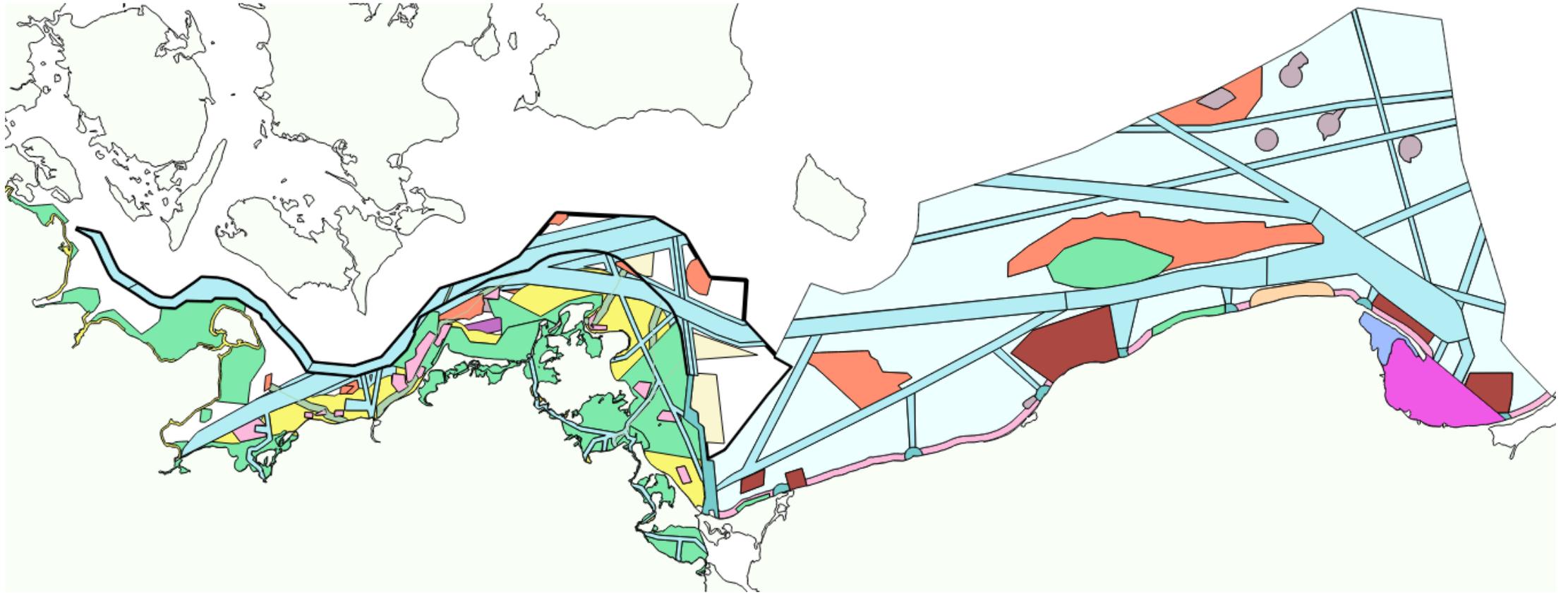
## 2 nd step– DE Data

- Already in desirable structure, just add data
- and give Your color scheme

# 3 rd step– PL-DE Data



# 3 rd step– PL-DE Data



# 3 rd step— PL-DE Data



# 3 rd step— PL-DE Data



# Remarks

- PL\_data\_1
  - coast
  - extraction
  - future
  - heritage-landscape
  - installations-other
  - installations-owf
  - military
  - nature-ncs
  - other-multifunctional
  - transport
  - transport-infrastructure
  -
- EEZ 2009
  - ReservArea\_Pipelines\_ROPAWZ2009
  - PriorArea\_WindEnergy\_ROPAWZ2009
  - Prior\_ResAreas\_Shipping\_ROPAWZ2009
  - ReservArea\_Research\_ROPAWZ2009
  - CableGates\_ROPAWZ2009
  - Plangebiet
- LEP2016
  - priority areas
    - Routes\_Cables\_Pipelines\_LEPMV2016
    - PriorArea\_Coastal Protection\_LEPMV2016
    - PriorArea\_NatureProt\_LandscPreserv\_LEPMV2016
    - PriorArea\_Pilot Wind Turbines\_LEPMV2016
    - PriorArea\_Shipping\_LEPMV2016
    - PriorArea\_Wind Turbines\_LEPMV2016
  - ReservArea\_NatureProt\_LandscPreserv\_LEPMV2016
  - ReservAreas\_Cables\_LEPMV2016
  - ReservArea\_Tourism\_LEPMV2016
  - ReservArea\_Wind Turbines\_LEPMV2016
  - ReservArea\_Shipping\_LEPMV2016
  - ReservArea\_Mineral Resources\_LEPMV2016
  - ReservArea Coastal Protection\_LEPMV2016
  - ReservArea\_Fisheries\_LEPMV2016
- LEP 2010
  - Energy\_MinResources\_LEPSH2010
  - FocusArea\_Tourism\_Recreation\_LEPSH2010
  - ReservationArea\_Nature\_Landscape\_LEPSH2010

# Remarks

Just indications in dataset title :

- Type of designation (Reserved area, Priority area)
- Purpose of area (Nature protection, Cables etc.)

**Isn't that enough? (no need for additional attributes)**

# Discussion

## SeaUseFunction

attribute code	use type description
priority	priority use
allowed	allowed use
restricted	restricted use
forbidden	forbidden use
general	general use
multi	multi - use