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> Land-sea integration. What knowledge is necessary to bridge sea and land stakeholders. Case of small ports in Poland

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Marine space management in Poland

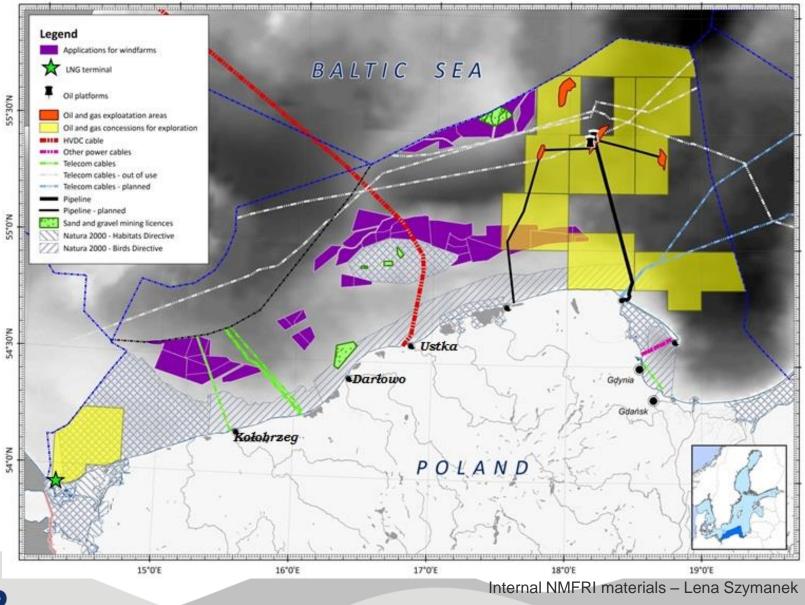
- Used to be a part of Integrated Coastal Zone Management (ICZM),
- Authorities responsible for drawing MSP Maritime Offices, coordinated by Ministry of Infrastructure and Development,
- Marine spatial development plans must be agreed with coastal municipalities,
- Only part of the sea is covered by plans (pilot cases),
- Incorrectness and shortcomings in the law (project of National MSP during preparation)



Polish maritime space use

- Fishery (spawning and breeding areas, fishing grounds),
- Touristic activities (recreational fishing, diving, sailing)
- Transport corridors,
- Sand and gravel extraction fields,
- Gas and oil platforms,
- Pipes and high voltage cables,
- Protected and other closed areas (military area, Natura2000)
- New activities (wind farms, shale gas and oil extraction)







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Changes in ports

- Municipalization of ports area (management closer to the needs, synergy of port and region development)
- Fast growing touristic sector (new marinas, private boats, recreational fishery, diving)
- Decreasing of area used by fishery (concentration of activities in LFSC, less vessels)
- Development of transport of goods structures
- Modernization of ports infrastructure
- Preparations for the servicing new activities at sea

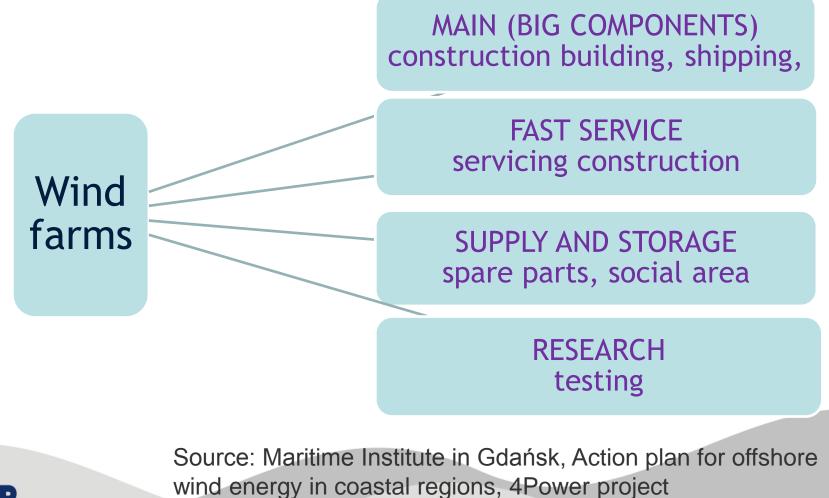


Next step, what has to be known?

- Which services can and which must be placed in local ports in Poland?
- What technical conditions must meet local ports to attract investors related to offshore?
- Does it exist enough space in port area?
- How will this investments impact on local economy?
- Is there adeqate labour capacity in community?



How ports can be used by offshore activities?





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Which ports have appropriate conditions?



Which ports have appropriate conditions?

- Kołobrzeg (close to main wind farms areas)
- Darłowo (large reserves of space)
- Ustka (close to the area)
- Leba (bad navigation conditions depth)
- Władysławowo (lack of space, navigation conditions)
- Hel (on the way form Tricity, good navigation conditions, long distance to the farm area)
- Mrzeżyno thanks to new investments possible in the future



New activities impact on the local economy

- Intensification of use of the port area,
- Development of complementary activities,
- Diversification of ports income,
- Increased income to local budget,
- ් Increased traffic in port,
- ♀ Space limitation for other activities (fishery),
- Risk of structural unemployment.



Research needs

- Analysis of potential development of ports (by sectors: fishery, touristic, shipments, offshore),
- Development of standards for minimum infrastructure requirements for the planned function of operational bases for the construction and service of wind farms,
- Use of ports as local centers of economic development,
- Impact of new methods of use of marine space on reassignment of coastal areas



Thank you for your attention!

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