



REPUBLIC OF ESTONIA
MINISTRY OF FINANCE

Estonian MSP

Planning offshore wind energy

Triin Lepland

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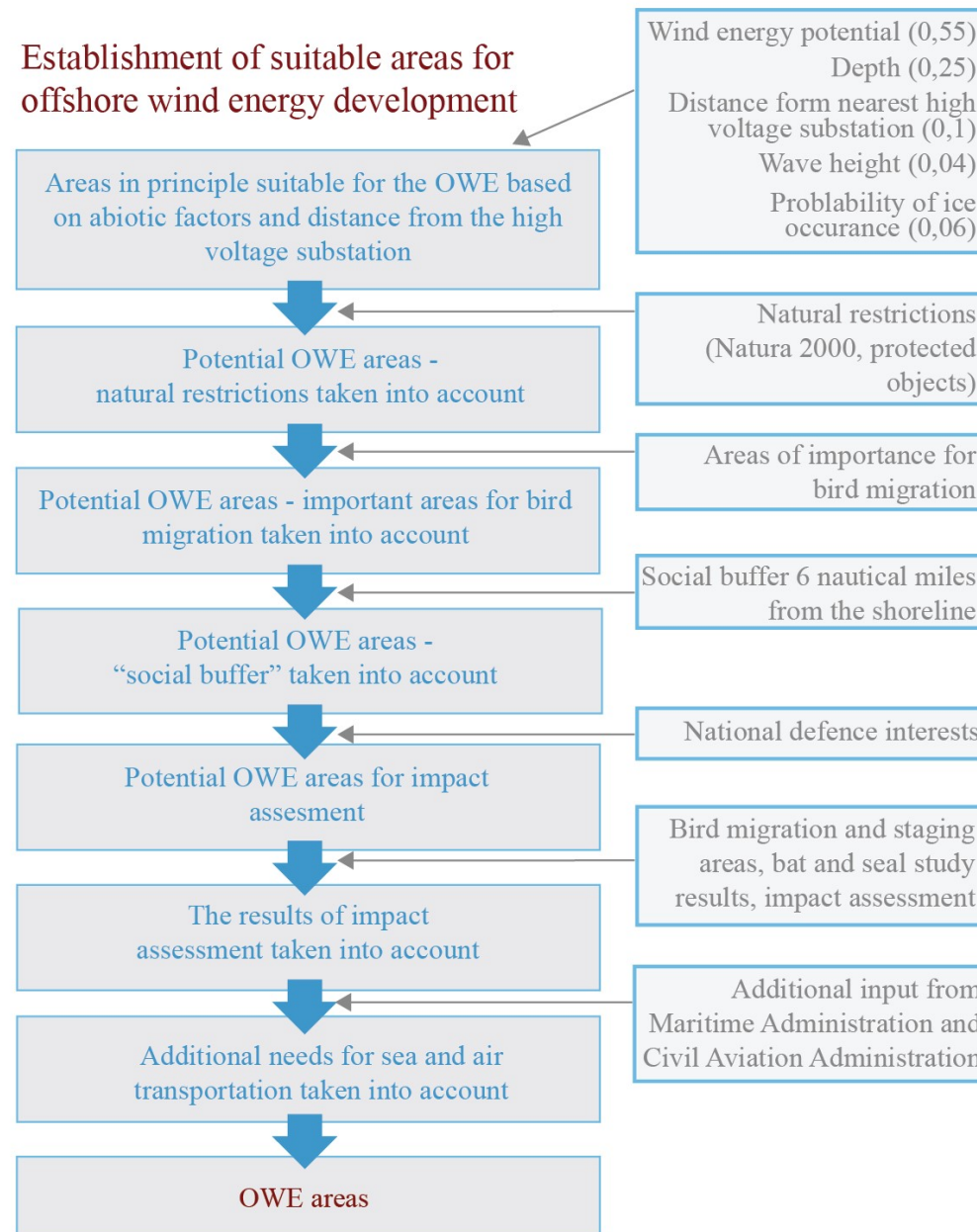
31 March 2020



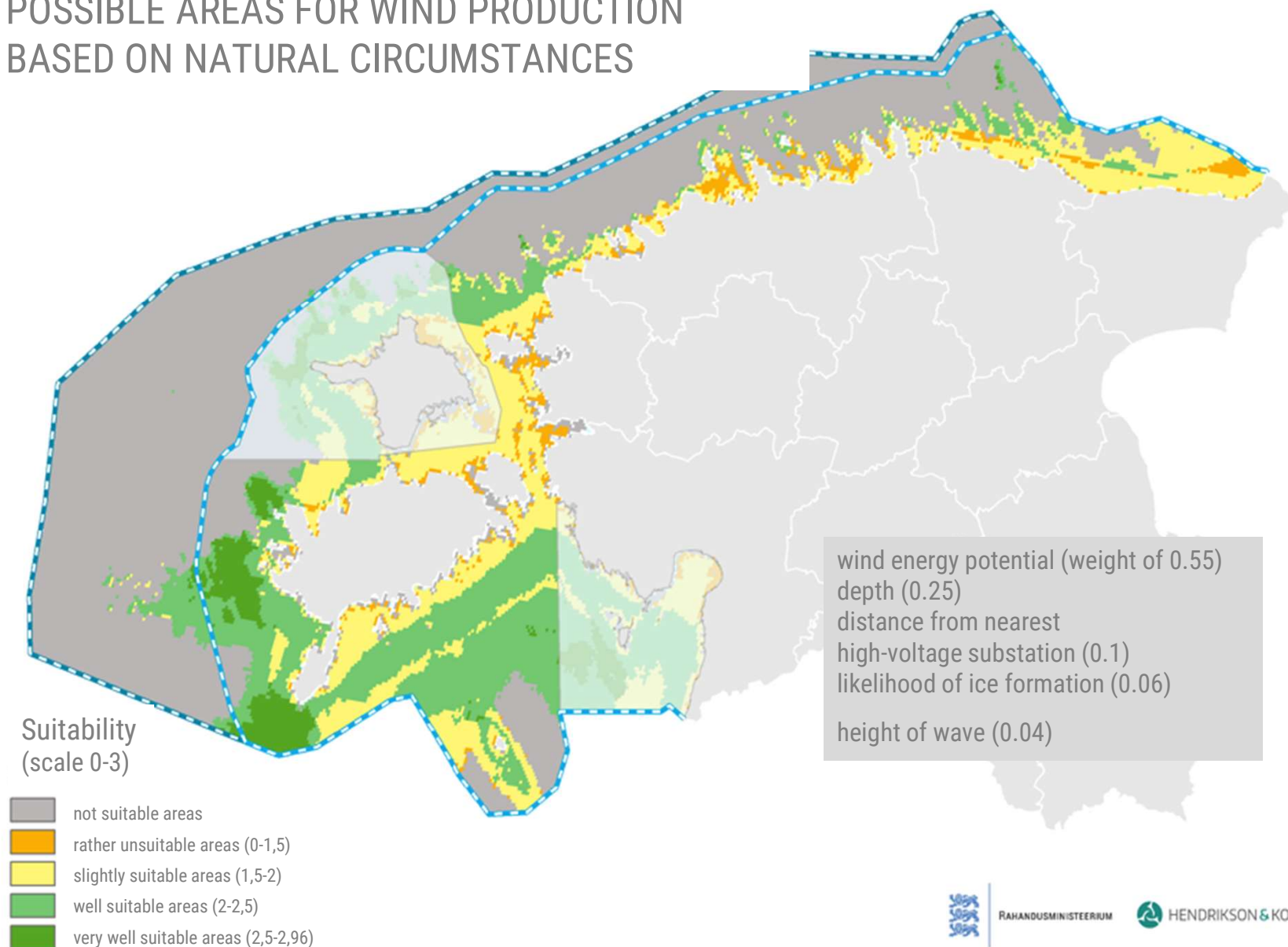
Focus of the MSP

- Strategical spatial development document at the state level
- The primary focus - combined use and new uses
- Based of environmental considerations and the best available knowledge
- Gives guidelines and conditions to next phases

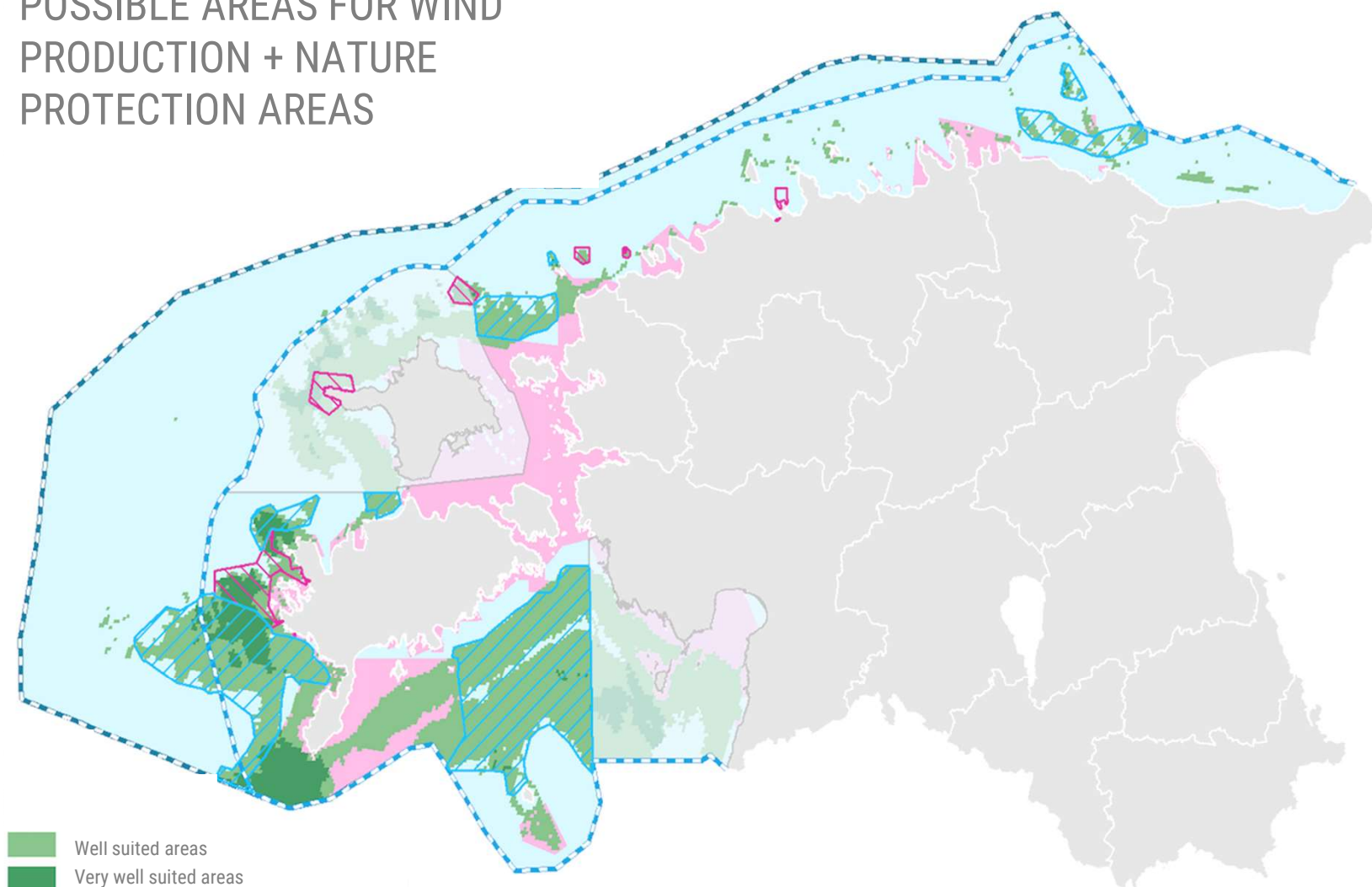
Establishment of suitable areas for offshore wind energy development



POSSIBLE AREAS FOR WIND PRODUCTION BASED ON NATURAL CIRCUMSTANCES

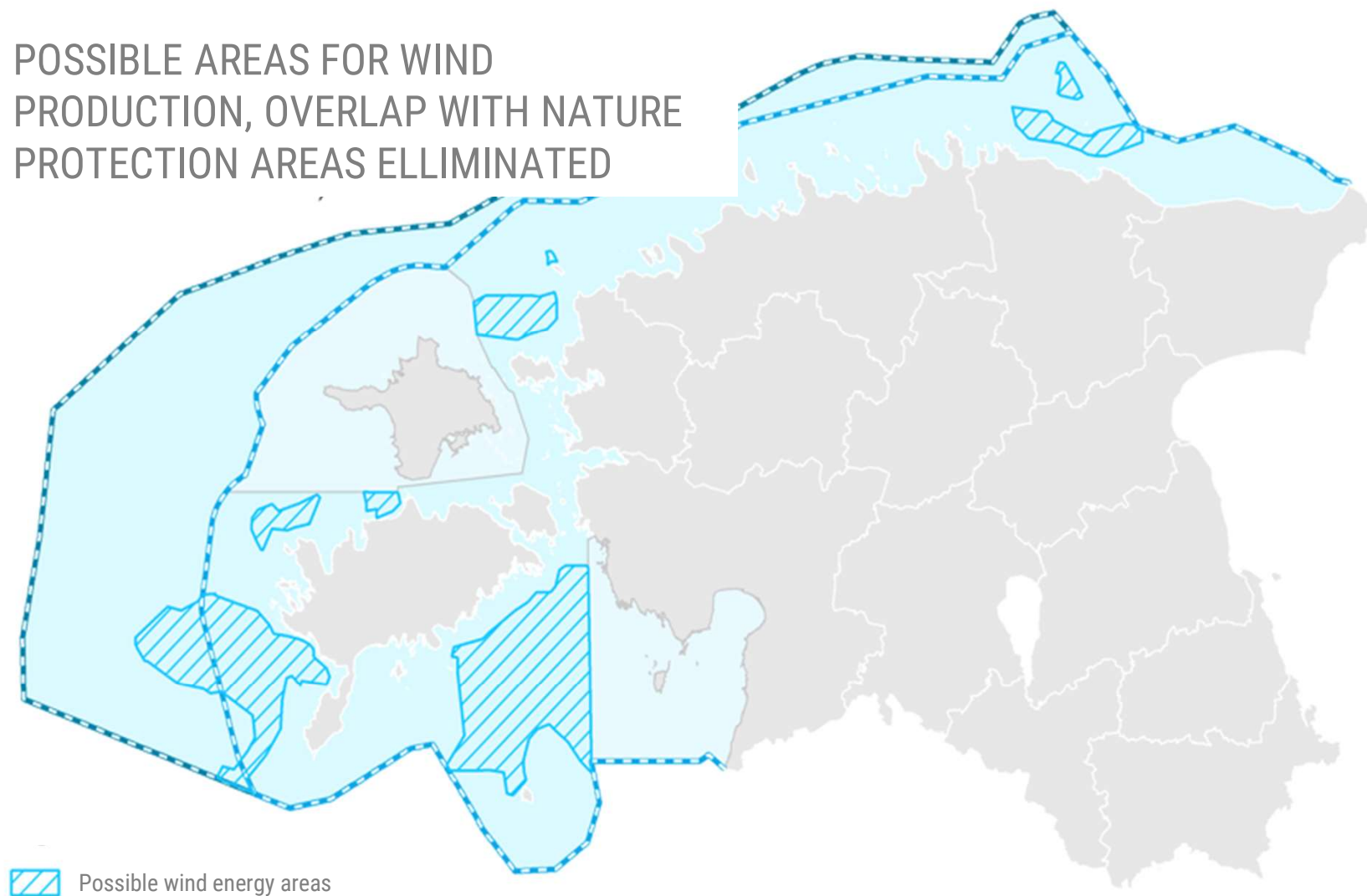


POSSIBLE AREAS FOR WIND PRODUCTION + NATURE PROTECTION AREAS

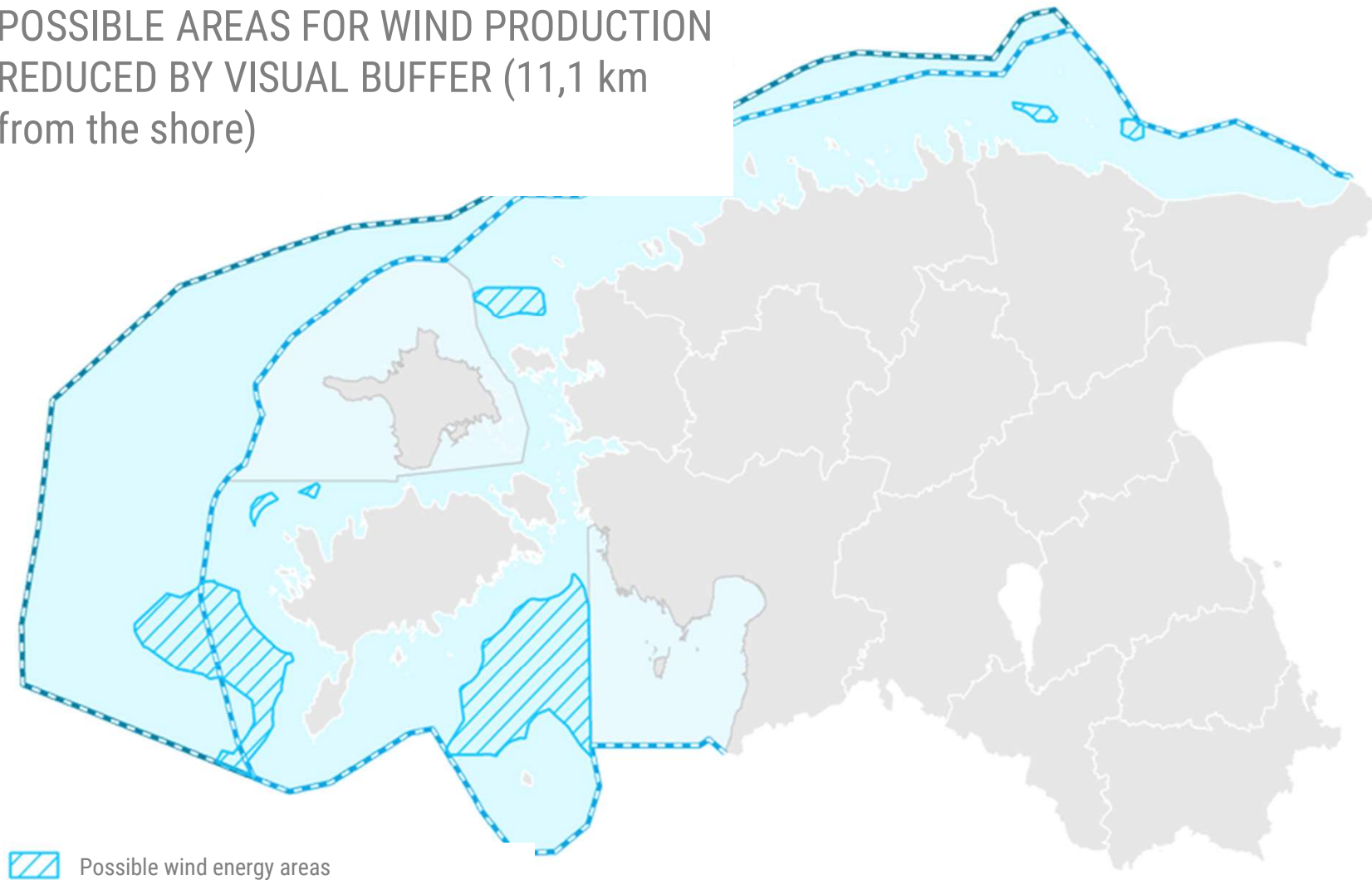


- Well suited areas
- Very well suited areas
- Nature protection areas, Natura 2000
- Perspective marine protection areas

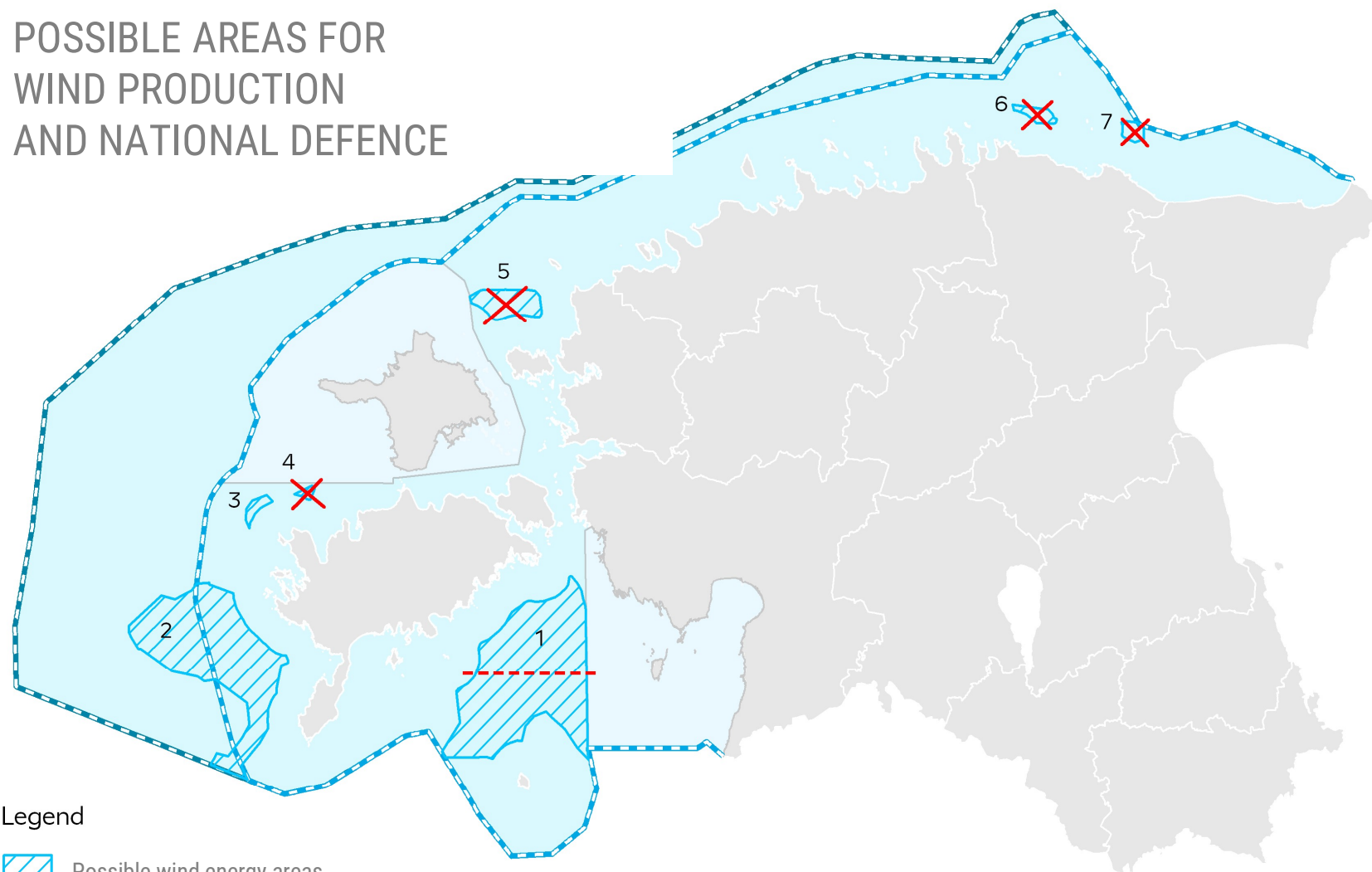
POSSIBLE AREAS FOR WIND PRODUCTION, OVERLAP WITH NATURE PROTECTION AREAS ELLIMINATED




POSSIBLE AREAS FOR WIND PRODUCTION REDUCED BY VISUAL BUFFER (11,1 km from the shore)



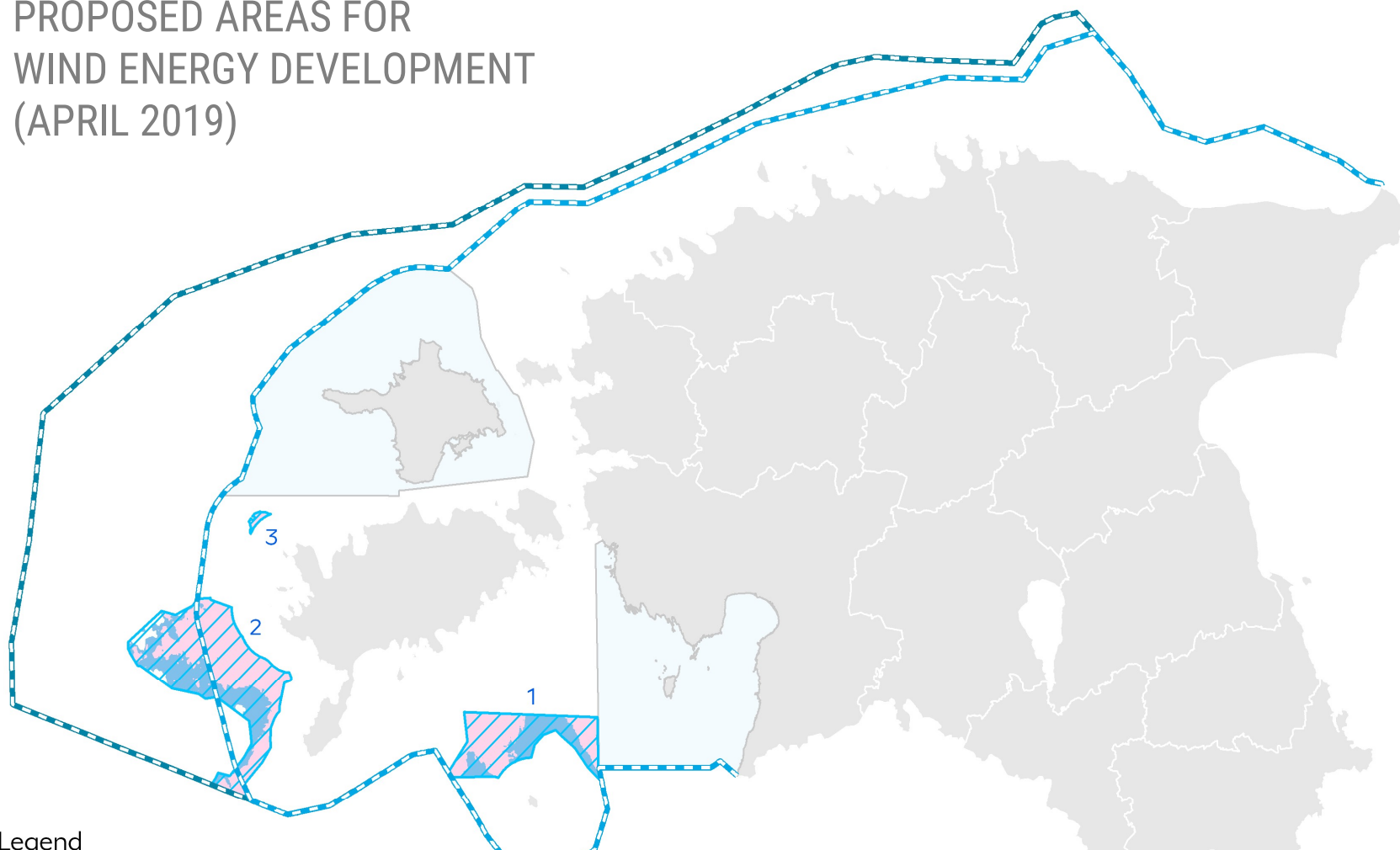
POSSIBLE AREAS FOR WIND PRODUCTION AND NATIONAL DEFENCE






Legend

 Possible wind energy areas

PROPOSED AREAS FOR WIND ENERGY DEVELOPMENT (APRIL 2019)



Legend

-  Proposed wind energy areas, I Stage (depth up to 35 m)
-  Proposed wind energy areas, II Stage (depth 35-45 m)
-  Proposed wind energy areas

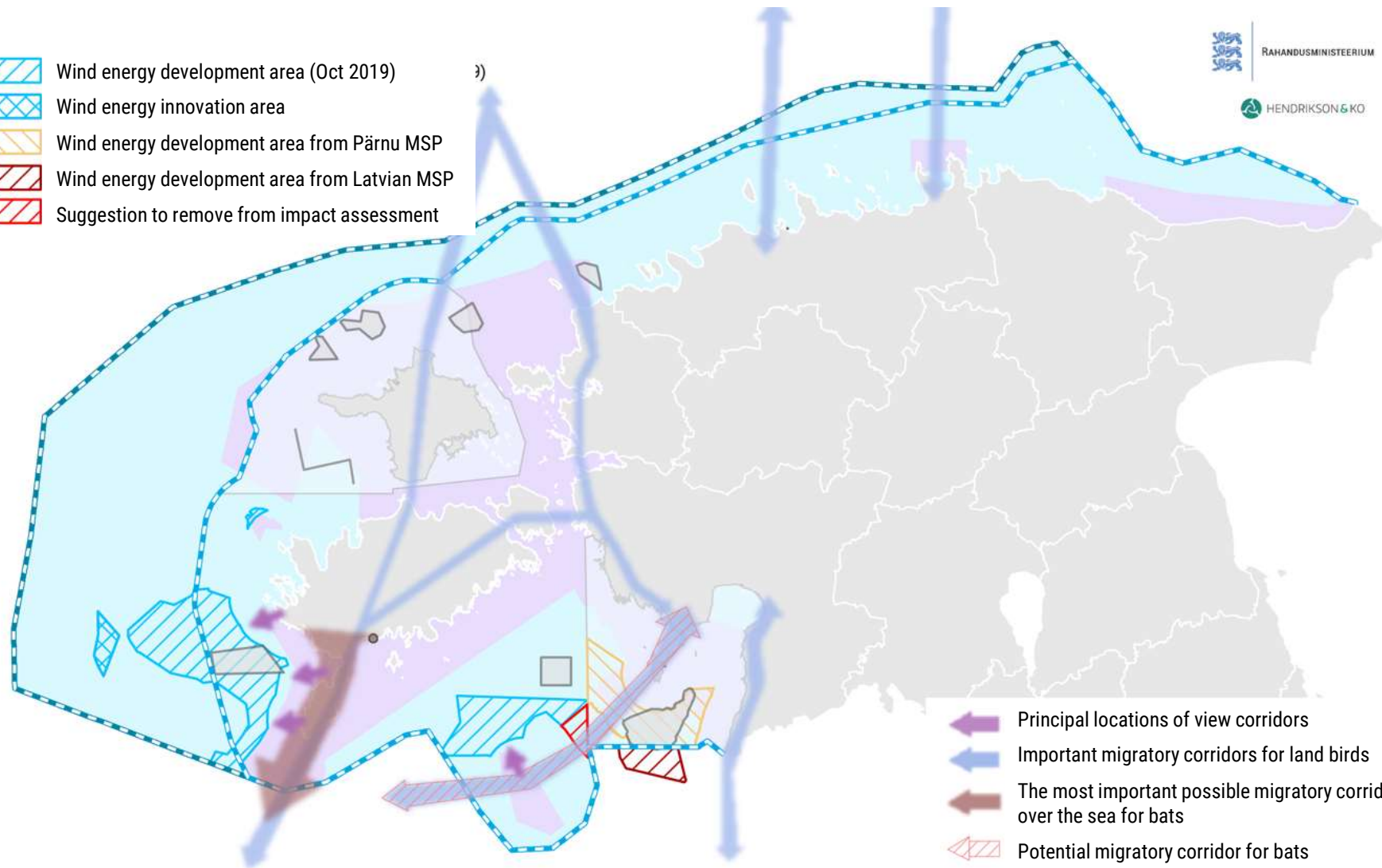
- Wind energy development area (Oct 2019)
- Wind energy innovation area
- Wind energy development area from Pärnu MSP
- Wind energy development area from Latvian MSP
- Suggestion to remove from impact assessment



RAHANDUSMINISTEERIUM



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- Principal locations of view corridors
- Important migratory corridors for land birds
- The most important possible migratory corridor over the sea for bats
- Potential migratory corridor for bats
- Areas of wind energy superfices licences (Feb 2020)
- Sensitive areas for birds

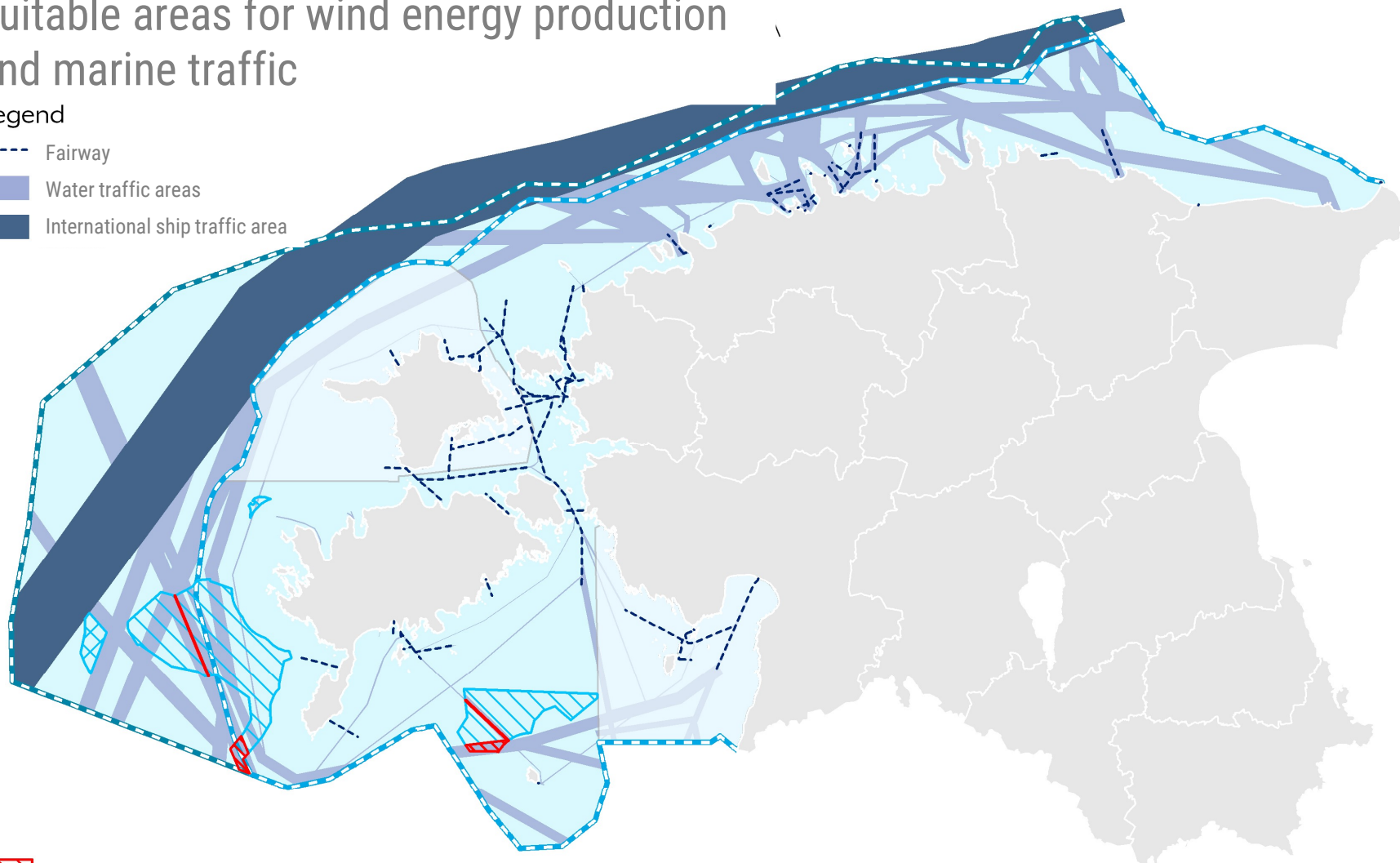
Cumulative impacts

Suitable areas for wind energy production and marine traffic

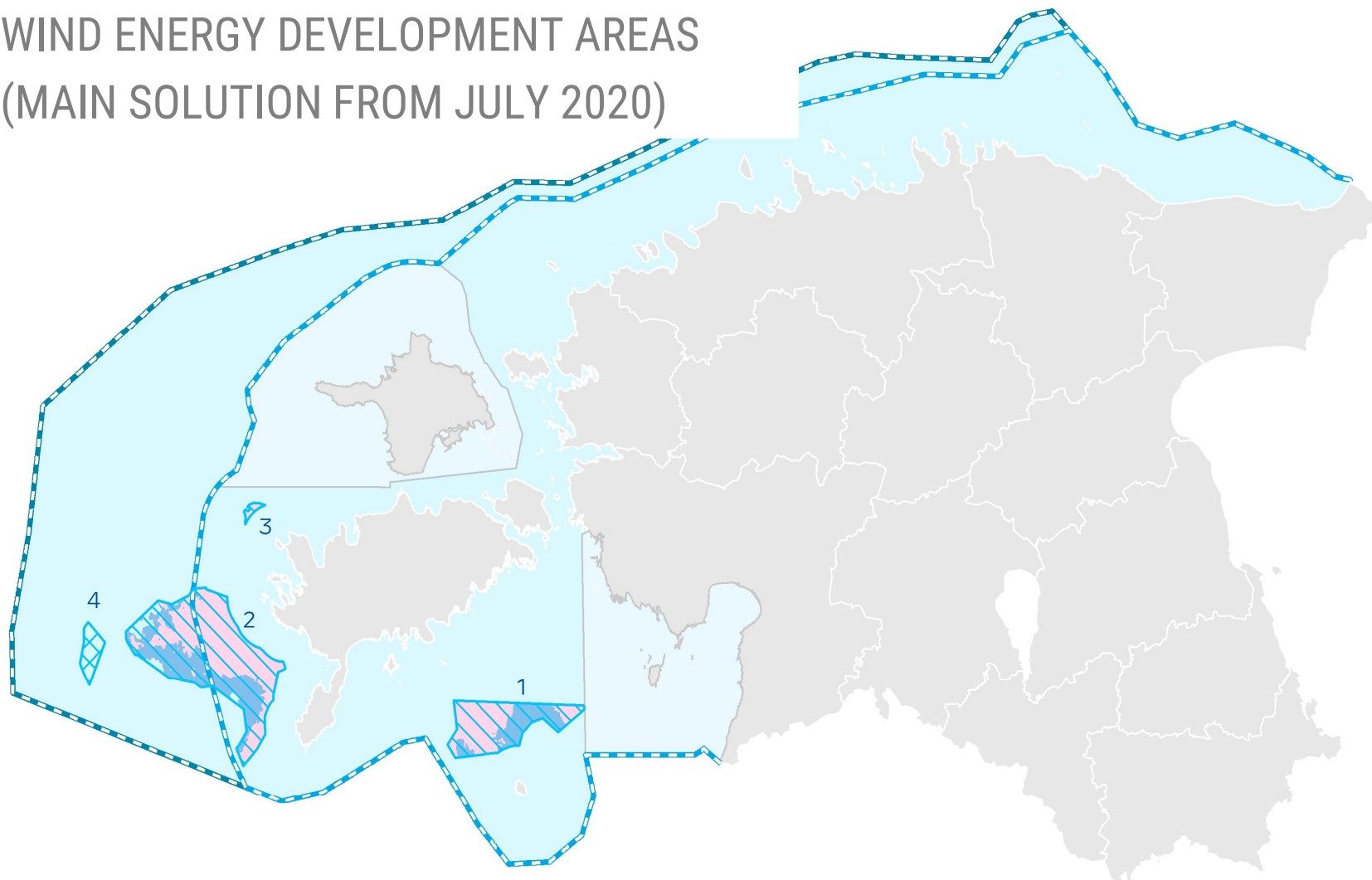
Legend

- Fairway
- Water traffic areas
- International ship traffic area

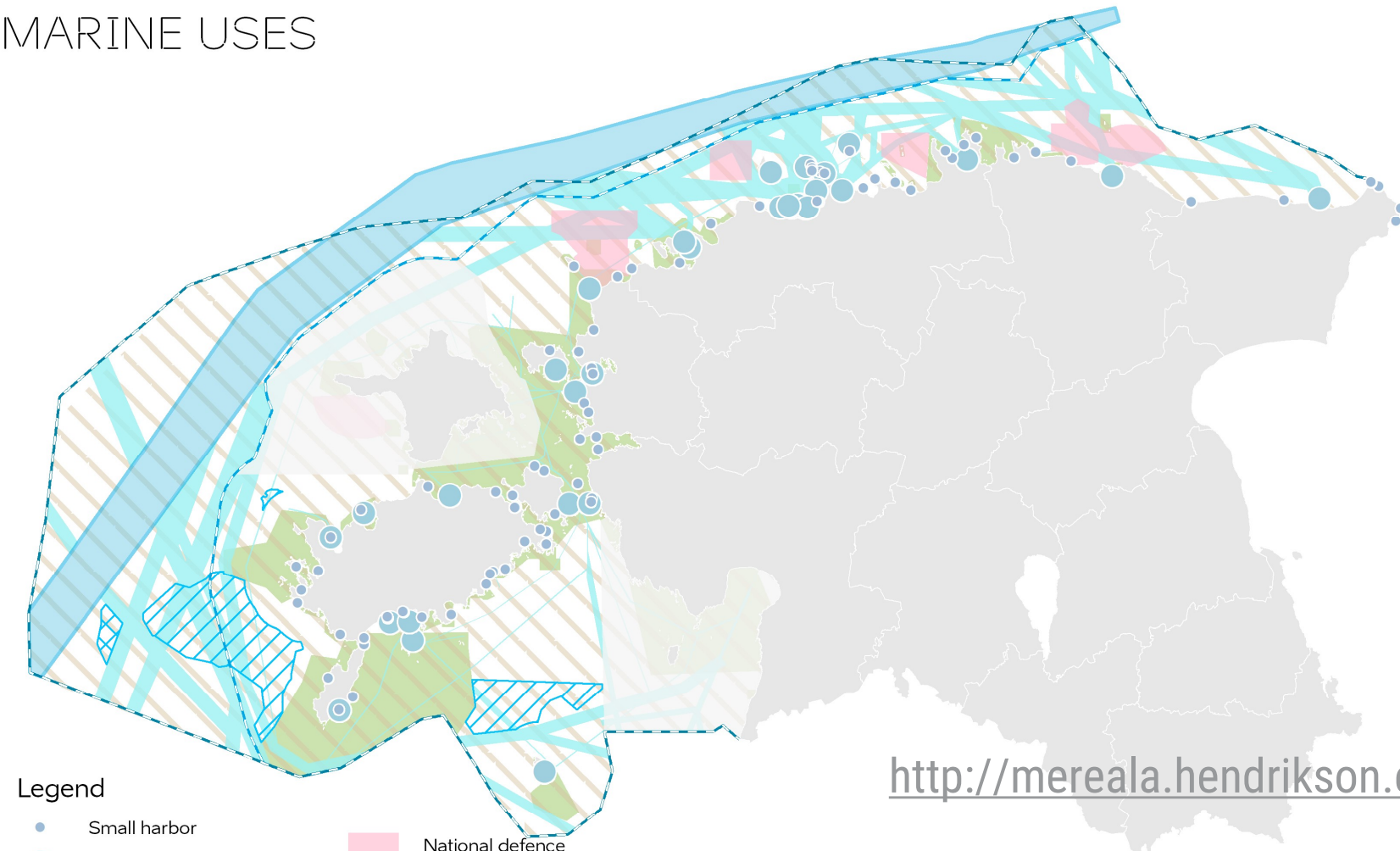
- Passage corridor for international shipping
- The basic passage corridors for shipping
- Wind energy development area
- Wind energy innovation area



WIND ENERGY DEVELOPMENT AREAS (MAIN SOLUTION FROM JULY 2020)



MARINE USES



Legend

- Small harbor
- Port
- Water traffic
- International water traffic
- Fishery
- Nature conservation

- National defence
- Wind parks (June 2020)
- Innovation area for wind energy
- Exclusive economic zone
- Territorial sea
- Approved maritime spatial plans for Hiiu and Pärnu counties

<http://mereala.hendrikson.ee/en.html>

* Aquaculture can be developed in the entire Estonian sea area under the conditions provided in the plan, except for the areas excluded for this purpose



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Thank you!

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