



Baltic
InteGrid

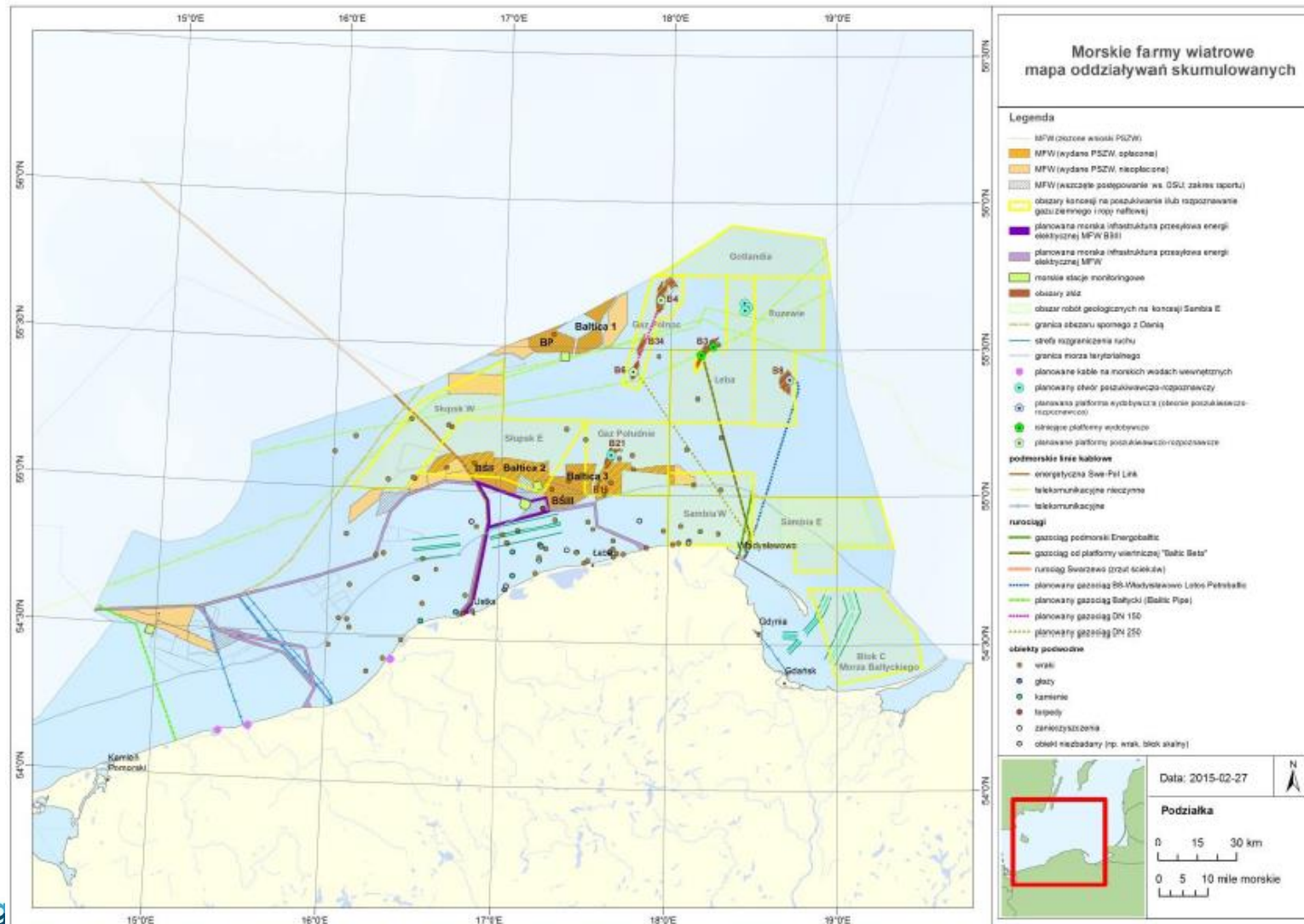
Integrated Baltic Offshore
Wind Electricity Grid Development

Social impacts of the offshore investment – analysis



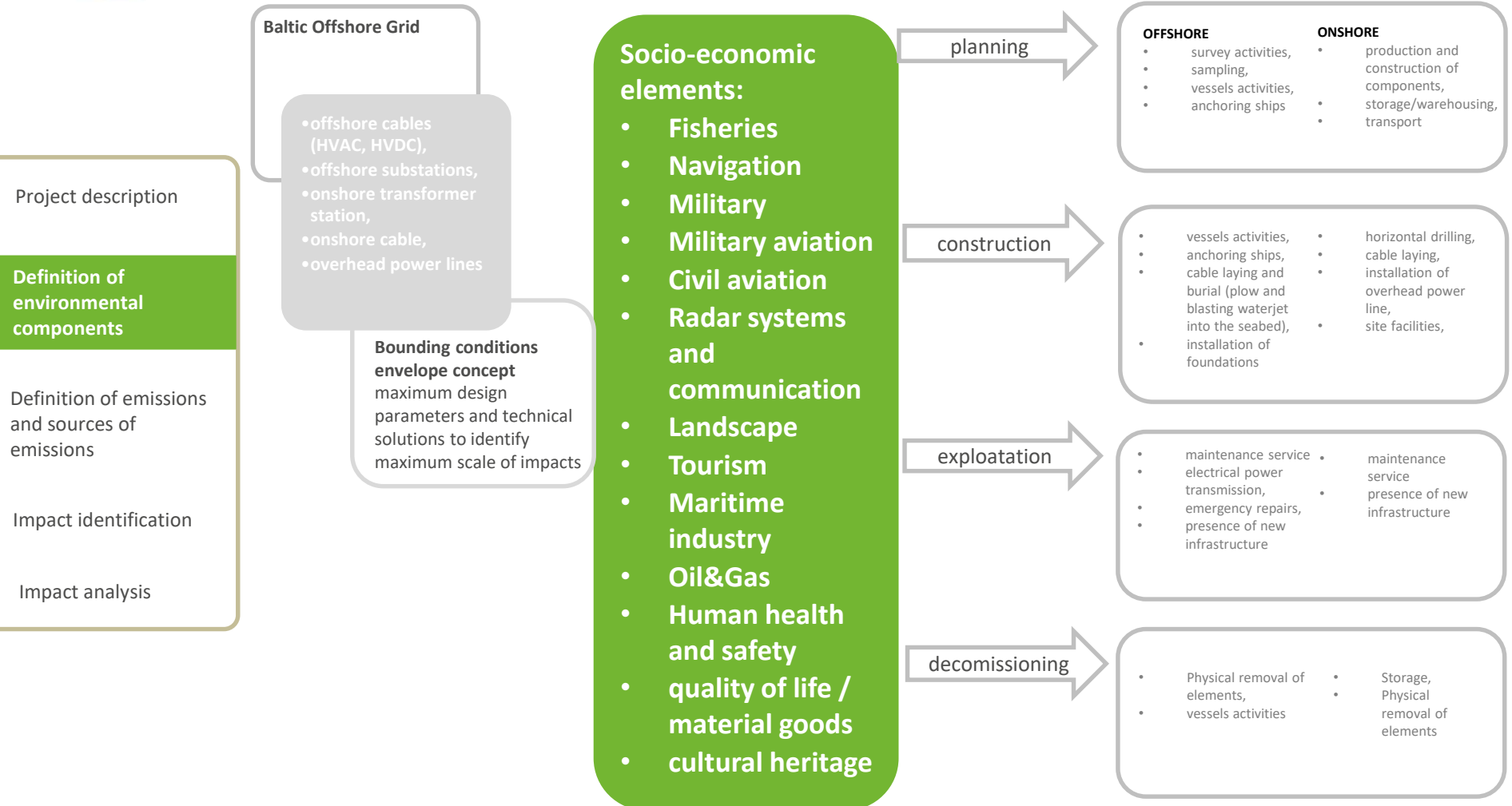


Socio-economic receptors





Socio-economic receptors





Impact classification

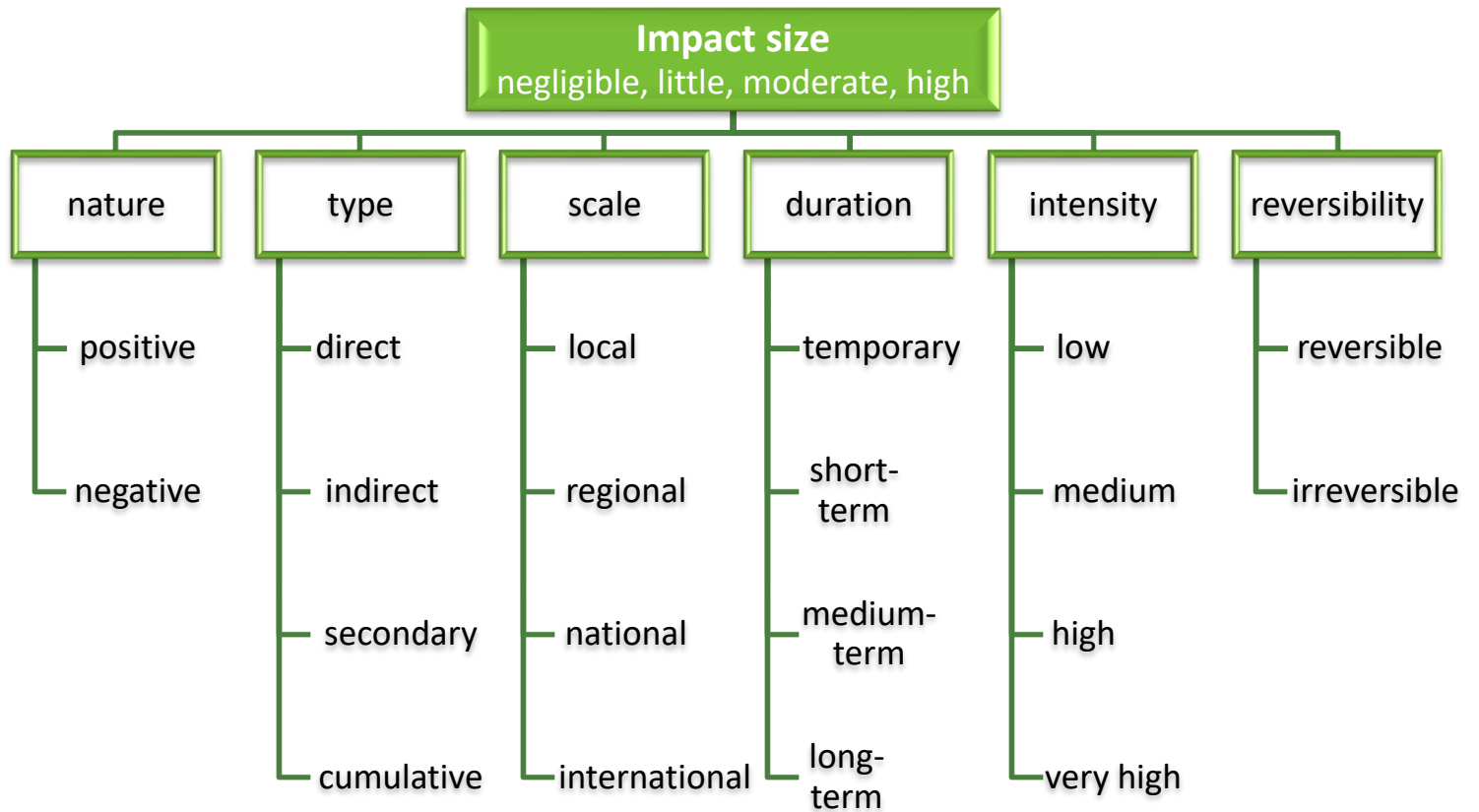
Project description

Definition of environmental components

Definition of emissions and sources of emissions

Impact identification

Impact analysis





Exercise 1

Project description
Definition of environmental components
Definition of emissions and sources of emissions
Impact identification
Impact analysis

damage the archaeological valuable objects
obstacles for navigation due to underwater objects
obstacles for navigation due to objects above sea level
contracts for maritime industry
extra income, new workplaces, education opportunities,
Interference caused by electromagnetic field and/or presence of the objects
Changes in landscape
Increased collision risk due to ship, helicopter or road traffic
restrictions of use due to new objects / area occupancy (offshore or onshore)
restrictions for agricultural and forestry
deterioration of living conditions due to noise emission (underwater or airborne)
waste and sewage production
deterioration of living conditions due to emission of pollutants into the atmosphere
increased use of environmental resources
Extended travel routes at sea due to area occupancy
damage of existing infrastructure

Socio-economic elements:

- Fishery
- Navigation
- Military
- Military aviation
- Civil aviation
- Radar systems and communication
- Landscape
- Tourism
- Maritime industry
- Oil&Gas
- Human health and safety
- Quality of life / material goods
- Cultural heritage



Exercise 1

STEP 1 Split into four groups. Each group will identify and assess key impacts for the following infrastructure:

Group no. 1 – subsea cables

Group no. 2 – offshore substation

Group no. 3 – onshore cables (including landfall)

Group no. 4 – and overhead lines

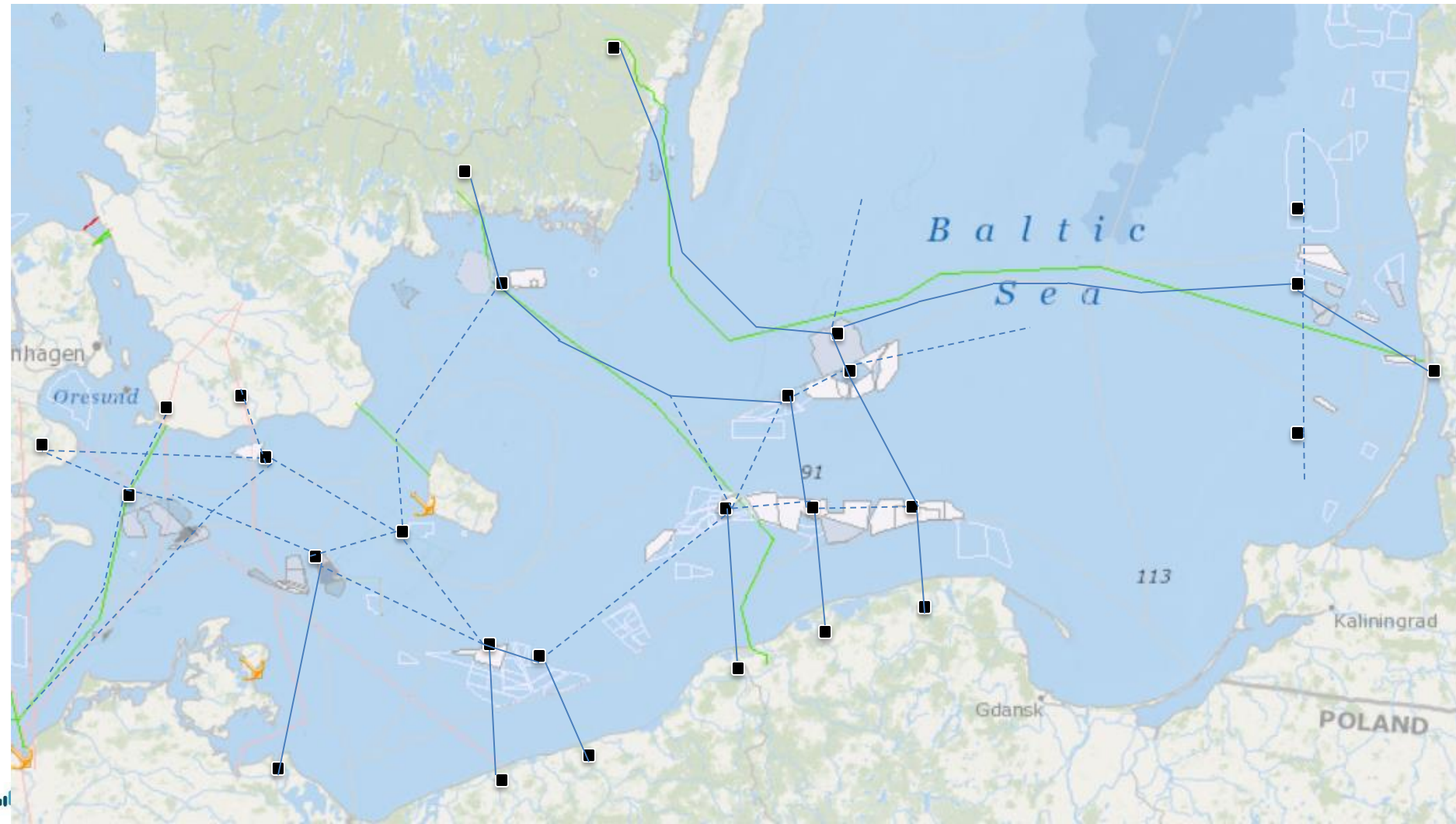
STEP 2 In groups discuss the most significant impacts in point of view of the group. Pick 2 impacts.

STEP 3 Characterize impacts and fill in a table

Impact	Receptor	Impact characteristics	Impact scale	Impact frequency	Impact duration	Impact intensity	Impact reversibility	Impact size



Exercise 2





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Fundacja na rzecz Energetyki Zrównowazonej