



Application of Net Positive Impacts (NPI) to the Offshore Wind Industry

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- **Need to acknowledge likely unavoidable effects for some taxa**
 - Biodiversity is the wrong metric to use (on its own) if we really want to get to net gain
 - Complex effects to wildlife
 - Need to consider effects by taxon, as well as at ecosystem level, and determine best way to avoid, minimize, mitigate, or offset those effects to get to net environmental gain
 - NPI should be considered separately from existing U.S. regulatory framework for compensatory mitigation for endangered species
- **Role of science in informing NPI efforts**
 - Essential to quantify effects of offshore wind industry as well as effects of minimization/mitigation/offset interventions
 - Methodological developments needed, including cross-sector collaboration and technology R&D for monitoring and mitigation
- **Creating NPI for offshore wind will primarily be an off-site (and sometimes out of kind) effort**
 - Effects to highly migratory and wide-ranging taxa
 - Effects may be felt outside of wind farm locations and outside of time periods of interactions
 - Offsets will almost always need to occur away from wind farms
- **Opportunities to address off-site conservation issues in the marine environment**
 - Ocean pollution and marine debris, entanglement, fisheries bycatch, conservation of essential habitats, creation of breeding habitats, predator/invasive species control, etc.
 - Creation of common fund will be most effective approach

Thanks!
Questions?



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