



Planning for Successful Biodiversity Outcomes in Offshore Wind Development

Sean Lucey, Rick Robins, Deirdre Boelke, Michelle Duval,
Ricky Alexander, Gus Seyler-Schmidt, and Joel Southall

September 19, 2024

“The worldwide loss of biodiversity and damage to ecosystems is seen as a serious global risk for the planet. Accelerated by climate change it is becoming increasingly important to address.”

- IPCC Assessment Report on “Impacts, Adaptation and Vulnerability”



**RWE
Biodiversity Policy**

Photo Rick Robins

RWE has established a leading offshore wind platform in the U.S.

6 GW* of seabed lease capacity lies on the East, West, and Gulf Coasts

#2 Global offshore wind provider

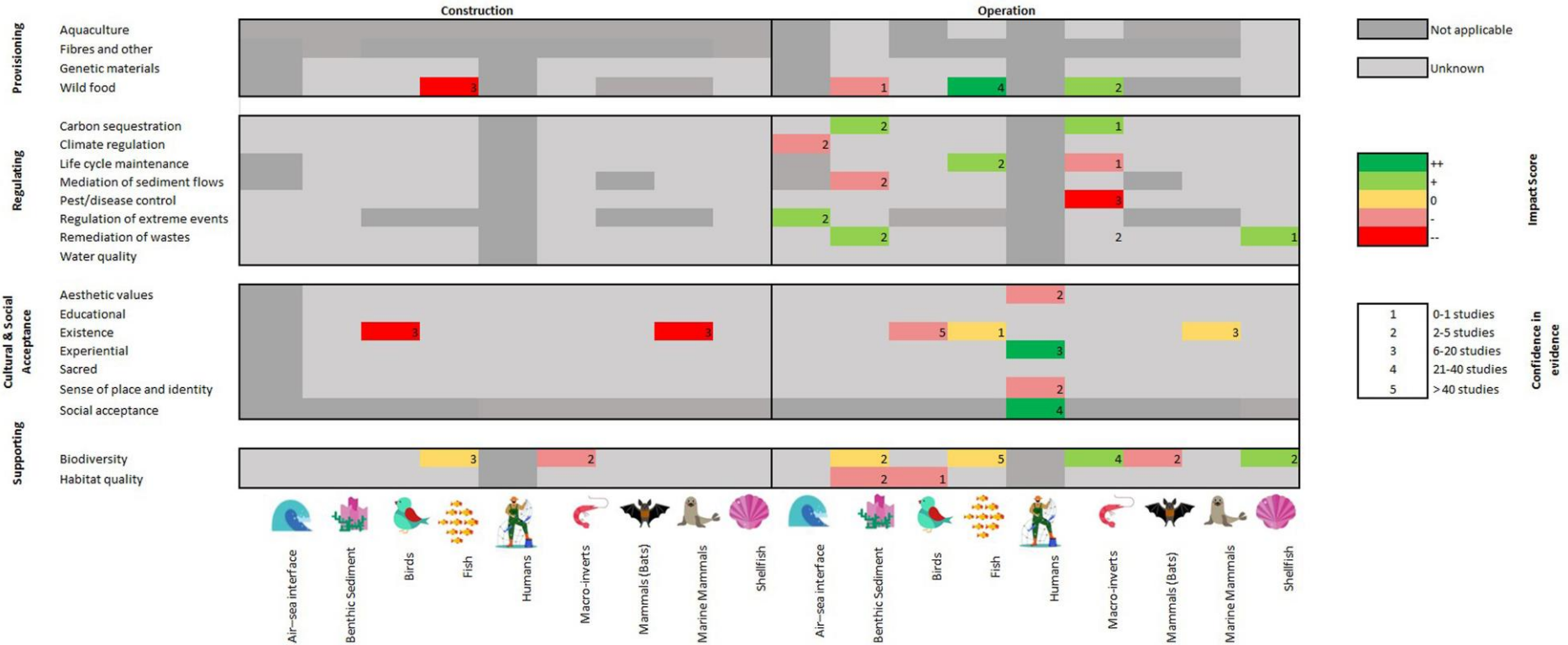


Lake Charles
OCS G-37334

“For new assets we aim to achieve a net-positive impact on biodiversity by 2030”



RWE Offshore Wind



Potential biodiversity benefits

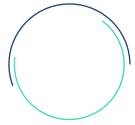
Artificial reef

Fish aggregating device

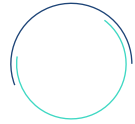
Biodiversity hotspots



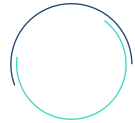
Principles for protecting and enhancing biodiversity



Adhere to the **Mitigation Hierarchy** of avoid, minimize, and regenerate/restore

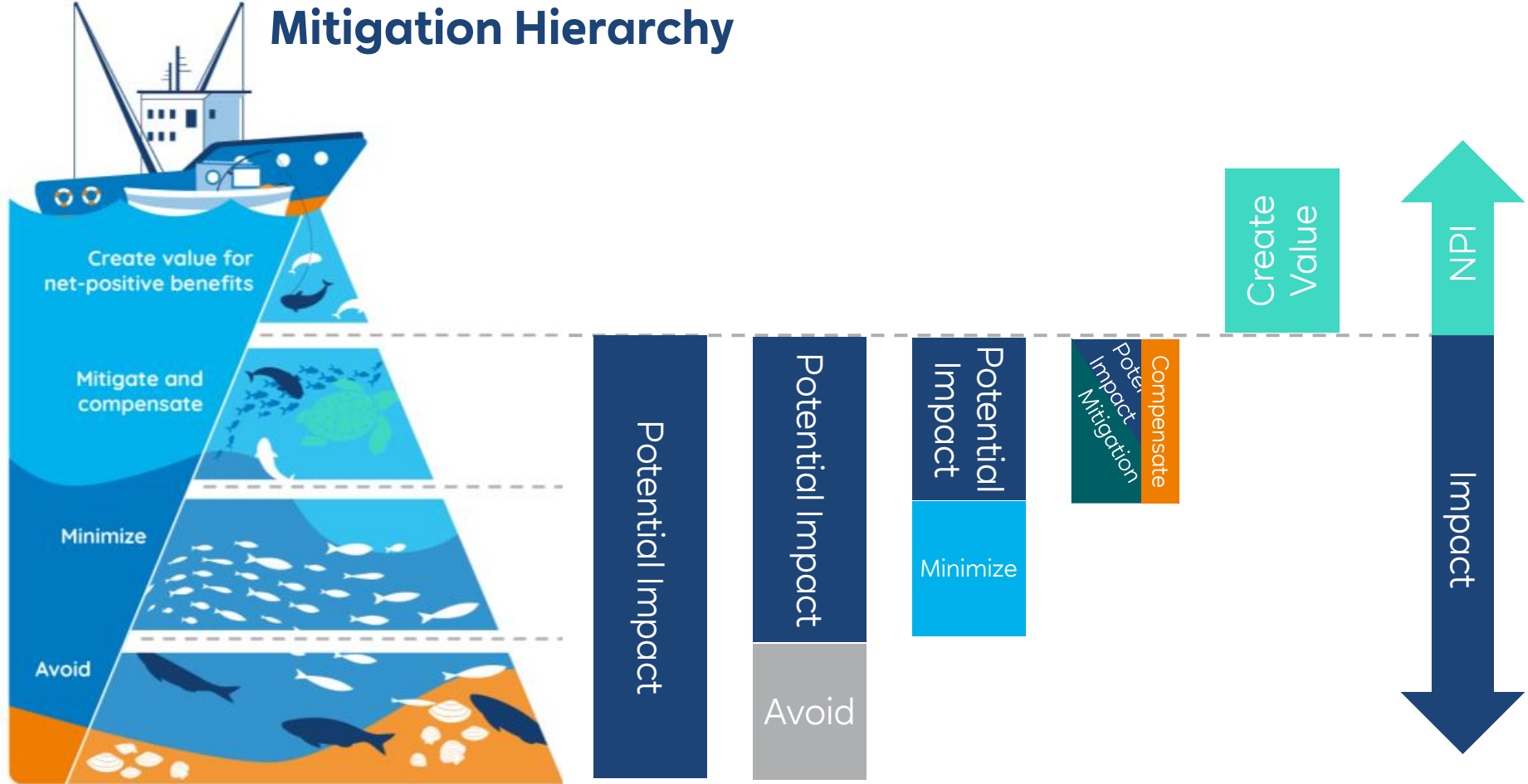


Build Knowledge on impacts on biodiversity and promote collective learning and knowledge transfer

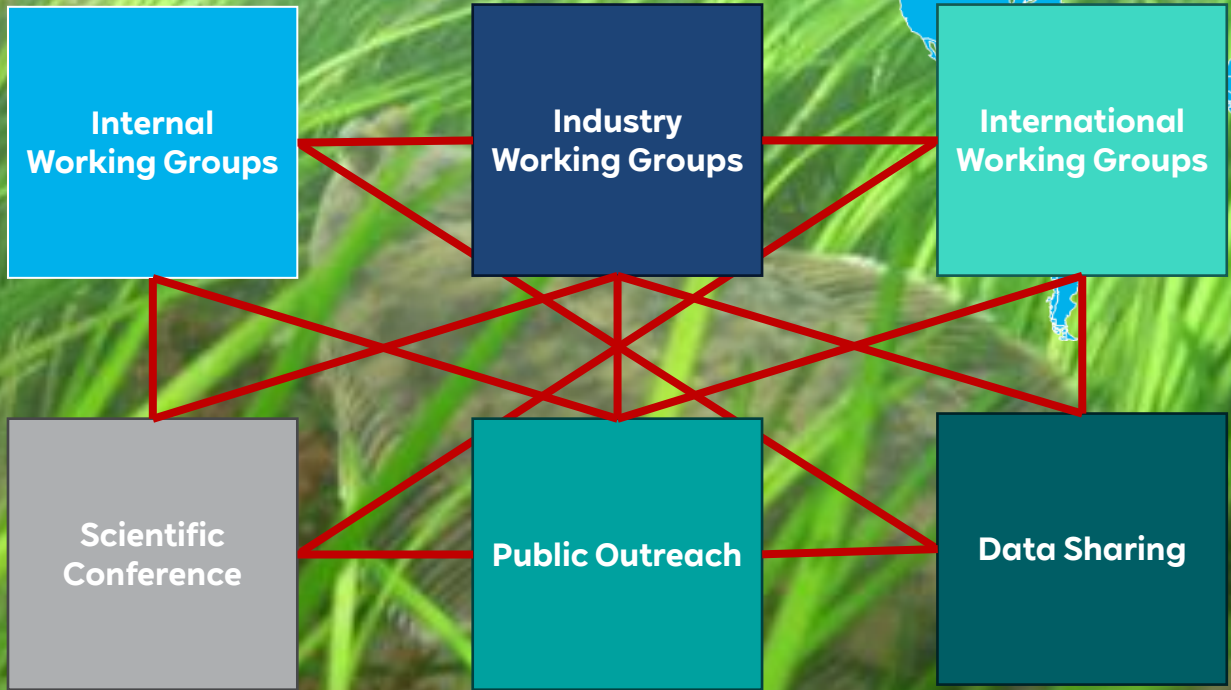


Follow best practices for setting **Science-based Targets**

Mitigation Hierarchy



Build Knowledge



Science-based Targets



Define Biodiversity Net Positive Impacts for grounding and contextualizing of NPI



Align with global frameworks like the UN Sustainable Development Goals



Monitor impacts regularly and adjust as necessary



Report publicly



Summary

Offshore wind development is part of the solution to climate change

Business as usual is not enough

Planning for successful outcomes

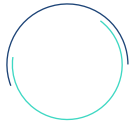
Mitigation Hierarchy

Build Knowledge

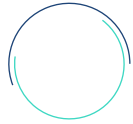
Science-based targets



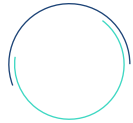
Conclusions



Global issue that can not be solved individually



Proper **planning** and **collaboration** can turn the tide



Leave biodiversity/ecosystem services in a **similar or better state** then before which in turn secures wider **benefits** for people and the environment in the future

RWE



Questions?

Sean.Lucey@rwe.com

(508) 524-9444

<https://www.rwe.com/en/the-group/rwe-offshore-wind/>