

# Best Management Practices Workshop for Atlantic Offshore Wind Facilities

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## Offshore Wind Industry Perspective

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# Where Are the Projects?

*AWEA members have interests in both Atlantic and Pacific OCS.*



# Work of the AWEA Offshore Wind Strategy Committee

## Permitting and Regulatory Improvements

- Working with the Administration and Federal agencies to ensure that have in place a regulatory and permitting regime that is efficient and streamlined.
- Support delivery of the DoI/DoE National Offshore Wind Strategy.
- Working with environmental NGOs and other key stakeholders to address specific issues, including potential impacts on protected species and habitats.
- Establish working groups to address specific issues:
  - (Technical working group on marine mammals/NARW)

## Other

- Tax Policy - move forward on tax policy that works for offshore wind.
- Sharing lessons learned from the early US projects and EU industry sector.
- Responding to consultations, addressing issues that affect the industry
- Advocacy & Events - Annual Offshore conference, WINDPOWER, Webinars,

## What is being done through AWEA in relation to marine mammals?

Working with the Environmental NGOs on marine mammal and protected species issues since 2012. This has included regular meetings to :

- provide industry updates, discuss issues of common concern, conservation priorities, regulatory requirements, approaches to impact assessment and mitigation measures.
- discuss approaches to project life cycle, survey techniques
- identify availability of new datasets (e.g. Mass CEC Wildlife Surveys, BOEM studies) and scientific understanding,
- share information, lessons learned and best practice from the OW industry (Europe and US first project); explore best way forward to apply scientific knowledge and lessons learned in context of US species and habitats
- Individual project level discussions also take place independently.



## Industry perspective

- Industry, regulators, agencies, and eNGOs to work together to ensure successful delivery of the offshore renewable energy program.
- Share knowledge in technological advancement in OW industry and application of mitigation.
- Identify Key Issues and Risks → Link to impact assessment.
- Discuss whether improvements can be made in modelling techniques/application to better understand behavioural impact.
- Opportunity to consider marine mammals pre-construction (surveys and impact assessment), during construction (impacts and mitigation) and post construction (monitoring)
- Discuss different approaches to mitigation and how they can be determined (depends on foundation “**choice**”, installation and noise attenuation technologies.
- Don't forget impacts on other environmental receptors!



## Summary:

- Welcome this unique opportunity to bring together the key players from the regulatory, industry and environmental NGO sector - strengthens the opportunity to work together
- Lease holders bring with them a wealth of experience from many offshore wind projects.
- Regulators, permitting agencies and NGOs provide perspective, science and rationale behind specific challenges in US waters.
- Create a common understanding of the existing regulatory requirements, latest scientific data and understanding, technological approaches to development, impact assessment, mitigation measures and post construction monitoring.

# Thank you!

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