Offshore Wind Policy Considerations in Industry and Port Development

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Estimated policy impacts > 29 years
Starting in 2020?

Policy Elements = Technology + Science + Stakeholder Involvement Economics + Costs

Slide adapted from Offshore Wind Energy Class. University of DE
Opportunities & Conundrums

**Link between Government Policies & Business Decisions**
- State RPSs & competitive RFPs are major steps forward
- RI Ocean Special Area Management Plan (SAMP) success story
- BOEM --- State task forces, NEPA & permit processes for leases
  - Building the scientific knowledge base
- DOE --- Technology R&D & demonstrations

**Port Development Requirements:**
- CAPEX for infrastructure needs = Business decisions, lease fees
- Models? New Bedford, Esbjerg, Bremerhaven
- Where are the Atlantic open waterfront sites?
  - Laydown areas, proximity, draft, bridges
- Complications: contaminated soils, dredging, competing interests of ports, environmental justice
Is offshore market on the same path as land-based wind industry?

- Imported EU technology for decades
- Inconsistent fed/state climate policies
- High hurdles without top-down (federal) policies & in-state RPS goals
- Connect the dots with broader regional perspectives
- Need champions & regional leaders:
  - Realizing economic benefits
  - Applying technology innovations
  - Training maritime workforce
  - Addressing community concerns