Established in 2018, the National Offshore Wind Research and Development Consortium (NOWRDC) is a nationally-focused, not-for-profit, public-private partnership dedicated to managing industry-focused research and innovation to reduce the levelized cost of energy (LCOE) of offshore wind in the U.S. while maximizing other economic and social benefits.

NOWRDC advances the U.S. offshore wind industry through:

1. High-Impact Research & Development
2. Building strong networks connecting technology innovators, investors, and industry
3. Supply Chain and Logistics
4. Electrical Power Systems
5. Operations and Maintenance and Safety
6. Environmental and Conflicting Use
7. Wind Resource and Site Characterization
8. Floating Structure Engineering
9. Fixed Structure Engineering

NOWRDC has awarded $31 million to 46 different projects in the following 7 technical categories.
NOWRDC provides $5m in total funding to 6 projects executing offshore wind research and development across the State of Virginia.

- **DNV**
  - Subcontracting with University of Maine
  - Design and Certification of Taut-synthetic Moorings for Floating Wind Turbines

- **Old Dominion University**
  - Subcontracting for CODAR Ocean Sensors LTD
  - Oceanographic HF Radar Data Preservation in Wind Turbine Interference Mitigation

- **PCCI, Inc.**
  - Quarter Scale Testing of the Intelligent Mooring System for FOWT Platforms

- **Virginia Tech**
  - Dual-Functional Tuned Inerter Damper for Enhanced Semi-Sub Offshore Wind Turbine

- **Metron, Inc.**
  - Subcontracting with Dive Technologies
  - Fully Autonomous Subsea Asset Inspection by a Shore-Launched AUV

Virginia Department of Mines, Minerals, and Energy (DMME) is a NOWRDC member