



# Workforce Development to Meet Current and Future Needs

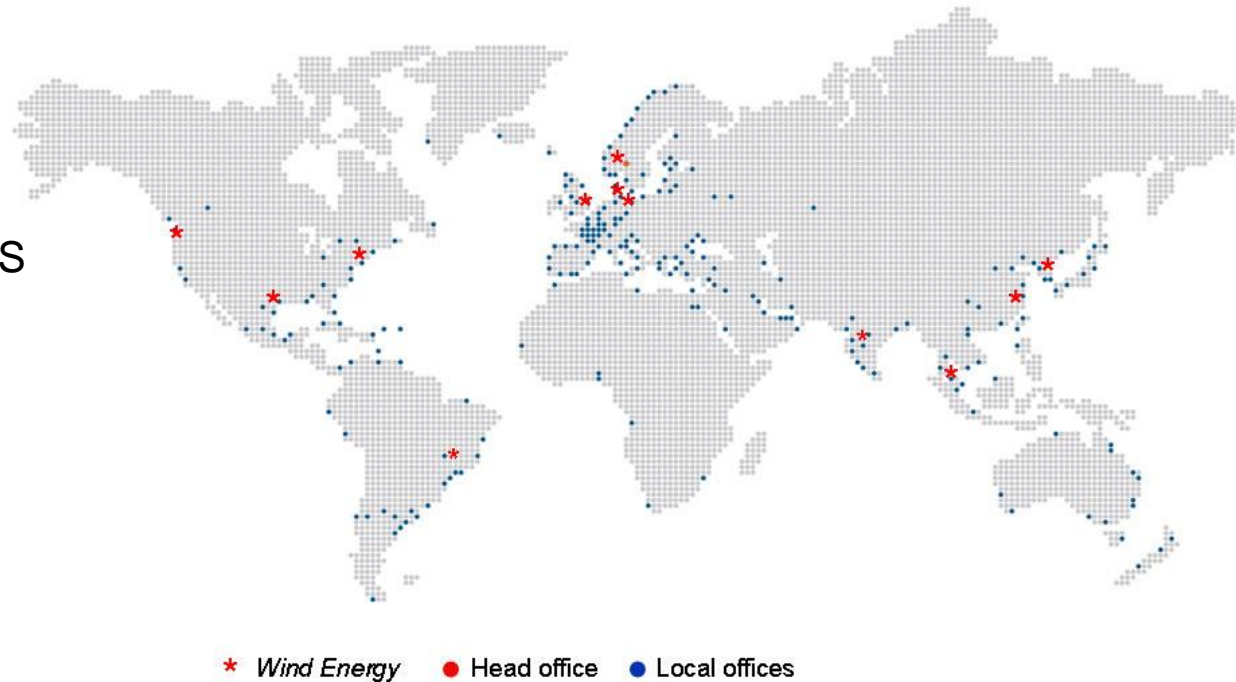
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- Global consulting

- Wind energy
- Maritime / Shipping
- Offshore Energy
- Largest wind consultant in US

- Wind Services

- Energy assessments
- Technology development
- Wind resource assessments
- Due diligence
- Turbine testing
- Turbine and offshore project certification
- Offshore structures and operations
- Grid connection
- Project development assistance



# The Need

- Professionals
  - Mechanical, electrical, civil engineering
  - Business management
  - Atmospheric science
  - Construction supervision
  - Offshore structures
- With knowledgeable about the wind industry
  - Technology
  - Development activities
  - Business conditions





# The Solution

- DOE Workforce Development Grant
  1. Introduction to Wind Energy
  2. Wind Resource Meteorology and Energy Assessment
  3. Turbine Systems and Components
  4. Turbine Installation, Integration and Operations
  5. Project Feasibility Considerations
  6. Project Economics
- Publically available resource

- Internal training activities
  - Wind professionals new to DNV
  - Skilled DNV employees new to wind
- Goal
  - Familiarize wind professionals with DNV
  - Familiarize DNV employees wind industry
- Topics
  - Onshore wind, Offshore wind, DNV services

# Methods

- Goal
  - Retention
  - Understanding of complexities of issues
- Interactive approach
  - Supporting slides
  - Curriculum guides
  - Activities / Exercises
  - Discussion



# Safeguarding life, property and the environment

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