Ørsted

Building a U.S. offshore wind supply chain

Rendering of the first American-made offshore wind turbine installation vessel

A new U.S. offshore wind energy industry

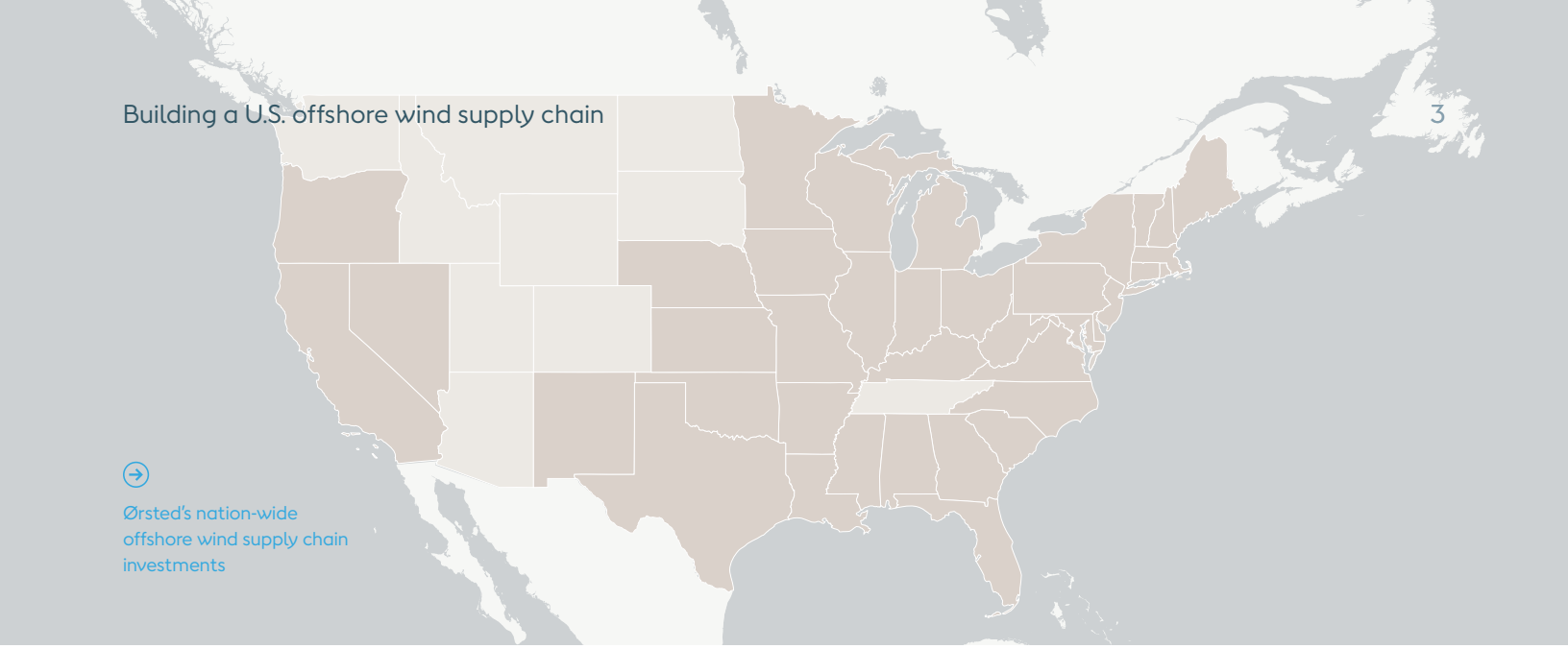
In March 2021 the U.S. established a goal of developing 30 GW of offshore wind energy by 2030. With less than 1 GW in operation today, this bold vision sets the U.S. on a course to combat climate change and create jobs in communities across the country, not just along the coasts.

Achieving the 30 GW by 2030 vision requires a continued partnership between government and business. With 5 GW of offshore wind energy in development across 5 states, Ørsted's projects have already stimulated nearly $2 billion of investments into building an American supply chain and infrastructure. This includes expanded and new manufacturing facilities, vessels that will usher in a new era of U.S. maritime activity and investments into new clean energy technologies that can be deployed around the world. In building manufacturing facilities, Ørsted has partnered with U.S. businesses to help expand their capabilities to meet the needs of offshore wind energy. Kiewit, a Nebraska-based offshore fabricator with years of experience in oil and gas and facilities near Corpus Christi, Texas, was selected by Ørsted's joint venture project, South Fork Wind, to build the first-ever American-made offshore wind energy substation. In other examples, Ørsted has attracted international businesses to build facilities in the United States to support this growing industry. Nexans, a French advanced cable technology company, expanded a South Carolina cable facility to support not only Ørsted's offshore wind projects on the East Coast, but the broader portfolio of projects both domestically and globally.

Whether expanding the capabilities of U.S. companies or attracting foreign direct investment, Ørsted and its partners are creating good-paying jobs not just in the coastal communities developing offshore wind farms but also in cities and towns across the country. A 2021 industry report found that offshore wind energy can create economic opportunity in 44 states, and Ørsted is leading by example with existing suppliers located in dozens of states. A publication from the Special Initiative on Offshore Wind, a University of Delaware project, forecast that offshore wind private sector investment will reach $109 billion by 2030.

With over 500 clean energy employees in the U.S., Ørsted is committed to building a globally competitive domestic supply chain through investment and drawing from the company's 30-year history in offshore wind energy.

1. Offshore substation
2. Subsea cable manufacturing
3. Service Operation Vessel (SOV)
4. Instalation vessel
5. Crew Transfer Vessel (CTV)
6. Foundation facility
7. Advanced Foundtion Components (AFC)
8. Array cable manufacturing
9. Helicopter contract



Ørsted's nation-wide offshore wind supply chain investments

Creating opportunity and strengthening communities

Ørsted's investments into the American offshore wind supply chain are already bringing good-paying domestic jobs, capital investment, workforce development programs, and economic growth. While most of Ørsted's currently planned offshore wind farms will be located off the Eastern Seaboard of the United States, investments into the development of the industry's supply chain are spread across the country.

Florida
- Construction of portions of the first American-made SOV*

Illinois
- Manufacturing of generators for the first American-made SOV*

Kansas
- Construction of the first American-made offshore wind substation*

Louisiana
- Construction and final assembly of the first American-made SOV*

Maryland
- $70 million investment into advanced foundation components to be manufactured by Crystal Steel Fabricators
- $140 million investment into array cable manufacturing which will be led by Hellenic Cables

New Jersey
- $250 million investment with our partner PSEG into the development of a monopile facility to be manufactured by steel manufacturer EEW

New York
- $86 million investment into advanced foundation components to be manufactured by Riggs Distler & Company*

North Carolina
- Steel components for first American-made SOV*

Ohio
- Manufacturing of blasting and coating equipment for use in the EEW monopile facility

Rhode Island
- Chartering five new American-made CTVs*

South Carolina
- $220 million expansion of the Nexans cable manufacturing facility for both domestic and global supply*

Texas
- Construction of the first American-made offshore wind installation vessel*
- Construction of the first American-made offshore wind substation*

West Virginia
- Steel for the first American-made offshore wind turbine installation vessel and SOV

*Investment with our JV partner Eversource

About Ørsted

The Ørsted vision is a world that runs entirely on green energy. In the United States, Ørsted operates the Block Island Wind Farm, America's first offshore wind farm, and constructed the two-turbine Coastal Virginia Offshore Wind pilot project – the first turbines to be installed in federal waters. Ørsted has secured ~5,000 megawatts of additional capacity through seven projects in the Northeast and Mid-Atlantic.

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