



# There's a New Sheriff in Town: USA wind energy infrastructure

Participants:



*Cover Photo(s)*

In June 2020, two turbines at the Coastal Virginia Offshore Wind (CVOW) pilot project in the US were installed. The 12 MW CVOW demonstration project, located some 43km off the coast of Virginia Beach, is being developed jointly by Ørsted and Dominion Energy. The two turbines are expected to provide the operational, weather, and environmental experience needed for the 2.6 GW development in the adjacent 112,800-hectare lease site, expected to be operational by 2026.

# Wind Logistics Group speed boat presentation


## Ian LaPointe



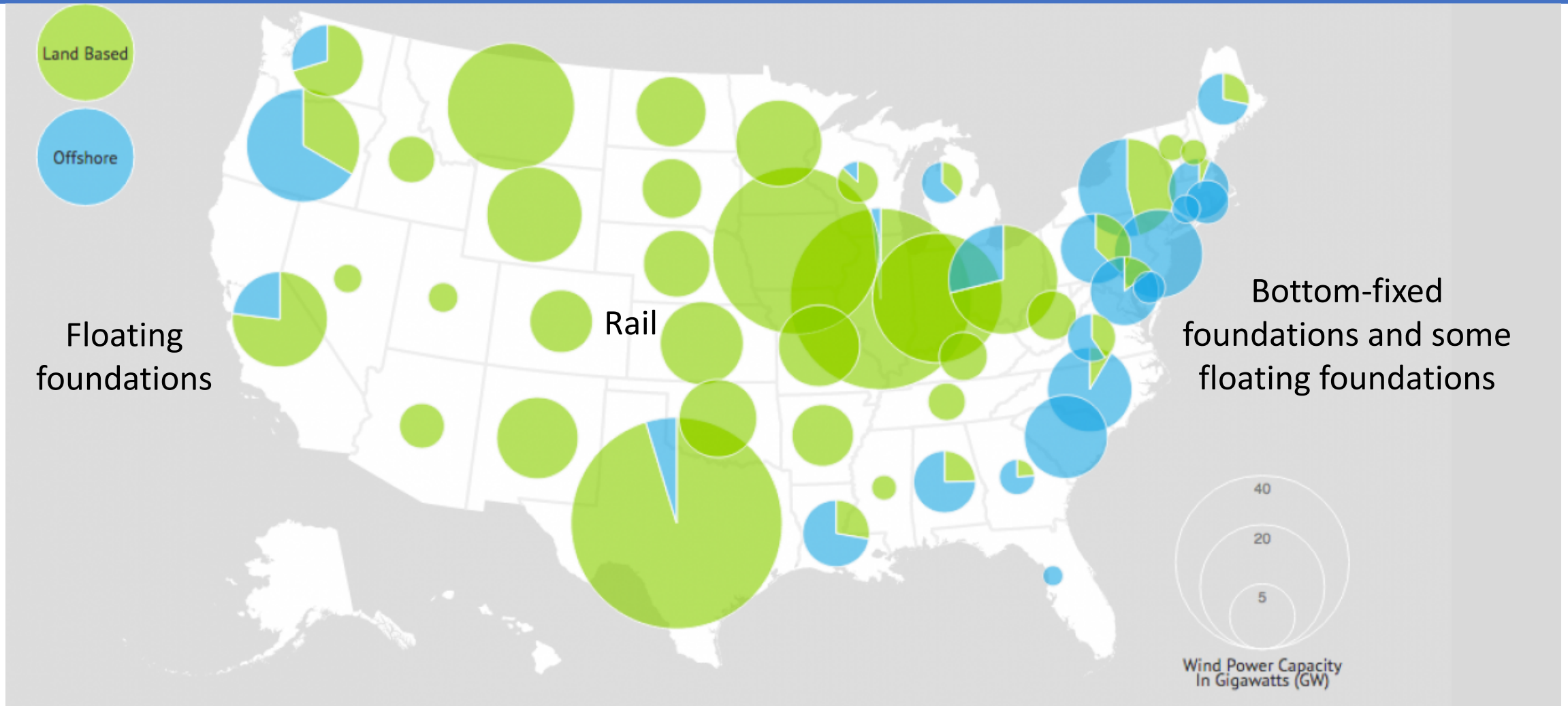
- CCO 
- Speed boat participant
- Key driver of the process

## Thomas Poulsen



- Facilitator of Wind Logistics Group
- Speed boat facilitator
- Managing Partner  **Panticon**  
RELIABLE · EFFECTIVE · SUSTAINABLE

# 2050 projected wind capacity USA: 404 GW



Total USA wind capacity installations as of end 2019: 105 GW



Infrastructure  
in the  
United States

Group Established:  
Nov. 4, 2019

## Robust infrastructure is the foundation of industry.

*State of industry when we set sail:*

- Components are getting larger and heavier;
- Manufacturing future in US is not clear;
- Partitioned state by state;
- Jones Act and other challenging legislation; and,
- US firms lack track-record but are eager.

## Some delays experienced

*Difficulty experienced by expert group:*

### **Lack of clarity with industry progress and current challenges.**

*Current state of industry:*

- Limited public information available about actual shipping, logistics, port management, supply chain, maritime, and offshore related challenges faced;
- Politics and bureaucracy are causing delays; and,
- Presidential election has meant uncertainty about the future.



**White Paper:  
Exploring the  
Challenges**

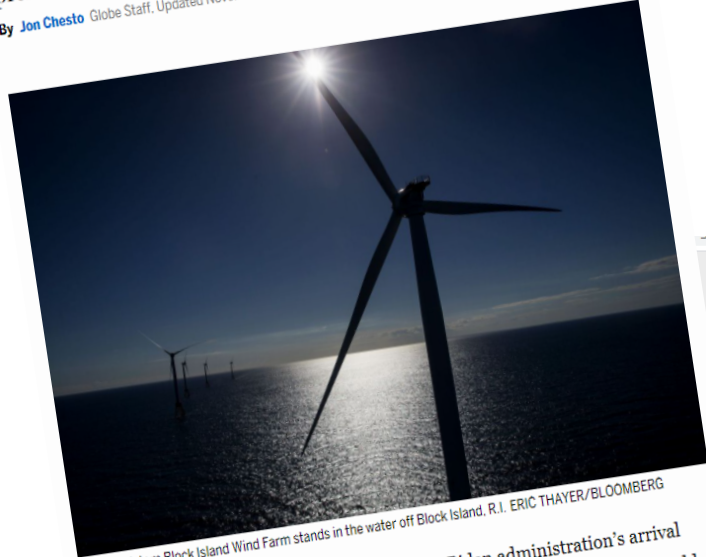
Group Concluded:  
Sept. 22, 2020

# New sheriff in town...?!

## Biden's administration should charge up the offshore wind industry

The permitting and leasing bottlenecks could end under the new president

By Jon Chesto Globe Staff. Updated November 22, 2020, 4:47 p.m.



The GE-Alstom Block Island Wind Farm stands in the water off Block Island, R.I. ERIC THAYER/BLOOMBERG

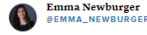
Few industries stand to benefit more from the Biden administration's arrival than clean energy, and the nascent offshore wind sector in New England could get a long-awaited boost as a result.

So far, construction has yet to start on any major offshore wind farm in the United States, as projects before the Trump administration were mired in permitting delays. Now, with a sympathetic ally in the White House, the floodgates could be poised to open.

Sources: Boston Globe  
Associated Press  
Maritime Executive  
CNBC  
Clifford Chance

## Biden will rejoin the Paris Climate Accord. Here's what happens next

PUBLISHED FRI, NOV 20 2020-11:51 AM EST | UPDATED FRI, NOV 20 2020-1:27 PM EST



Emma Newburger  
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### KEY POINTS

- President-elect Joe Biden will reenter the U.S. into the Paris Climate Agreement, the global pact forged five years ago among nearly 200 nations to avoid the worst impacts of climate change.
- Upon rejoining, the U.S. will likely be expected to provide a climate target that is updated from the Obama administration's goal and a plan to reduce domestic emissions from the power and energy sector.
- The U.S. is the world's second-largest emitter of greenhouse gases, behind China, and is seen as key in the global effort to reduce the effects of climate change.



## As leaders set fresh climate goals, Biden pledges US support

20, 2020 file photo, the sun rises amid smog during the dry season in Mexico City. Five years after a historic climate deal in Paris, world leaders set their efforts to fight global warming. (AP Photo/Marco Ugarte)

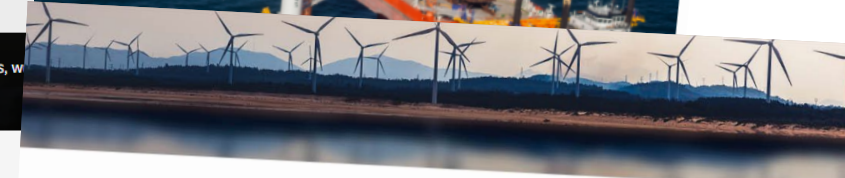
RIS (AP) — U.S. President-elect Joe Biden pledged Saturday to rejoin the Paris climate accord the first day of his presidency, as world leaders staged a virtual gathering to celebrate the fifth anniversary of the international pact aimed at curbing global warming.

Leaders of state and government from over 70 countries took part in the event — hosted by the United States, France, Italy, Chile and the United Nations — to announce greater efforts in cutting greenhouse gas emissions that fuel global warming.

Under the outgoing administration of President Donald Trump, who pulled Washington out of the Paris agreement, the U.S. wasn't represented at the online gathering. But in a written statement sent shortly before Biden's inauguration, Biden made clear the U.S. was waiting on the sidelines to join again and noted that Washington was key to negotiating the 2015 agreement, which has since been ratified by almost all countries around the world.

"The United States will rejoin the Paris Agreement on day one of my presidency," he said. "I'll immediately start working with my counterparts around the world to do all that we possibly can to address the climate crisis."

## America's Offshore Wind Industry Stands to Gain From Biden's Win



## U.S. PRESIDENTIAL CANDIDATE JOE BIDEN SETS OUT \$2TN CLEAN ENERGY, INFRASTRUCTURE AND CLIMATE PLAN

Last week, Democratic Presidential Candidate Joe Biden released a major update to his original 2019 climate plan for an overhaul of the U.S.'s clean energy and infrastructure policies and practices. Below we have outlined a few key tenets of Biden's updated plan (the "Climate Plan") and the potential opportunities in the clean energy sector that it could present, if enacted.

### BIDEN'S EXPANDED CLIMATE PLAN

Biden's Climate Plan is more far reaching than his previous proposal, and, among other things, commits to an accelerated investment of \$2 trillion in sustainable infrastructure and clean energy over four years.

Former Vice President Biden has positioned his Climate Plan as a central part of his proposed policies and efforts for reviving the American economy.

### Key points

Biden's Climate Plan proposes:

- increased spending and accelerated timelines for achieving targeted goals as compared to his original plan;
- \$2 trillion in investments over four years;
- eliminating carbon pollution from power generation by 2035 and to zero out net greenhouse gas emissions across the entire economy by 2050 by investing in and incentivizing clean energy; and
- upgrading the U.S. infrastructure network, repositioning the auto industry to focus on clean vehicles, and

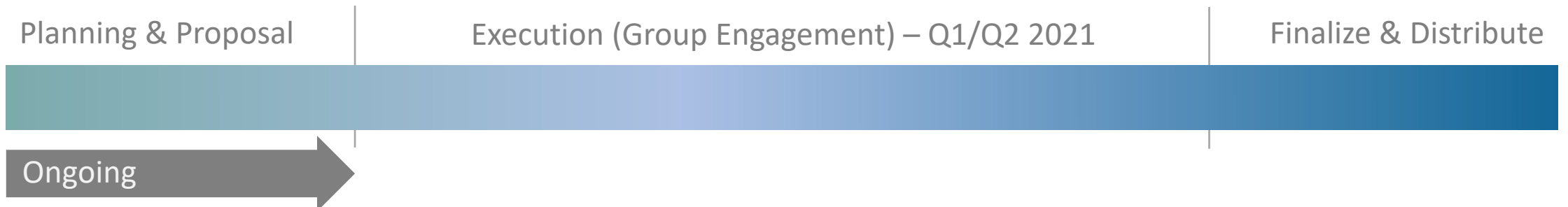
# Identify challenges and recommend solutions

*White Paper:*

## Value we're seeking to create.

*Gaps observed in some key areas:*

- Timely / relevant information about challenges
- Access to the OEM, developer, and supplier views
- 'Piloting through the problem' - Availability of a single reference (information presently available piecemeal)
- Prioritization of issues in aggregate
- Insights provided by expert group like *Wind Logistics Group* members



# Free White Paper from Wind Logistics Group

*White Paper:*

## What we'll be doing next – To help navigate through the noise.

- Finalizing proposal and funding
- Interviews / surveys with industry stakeholders
- Process data & discuss / collaborate with *Wind Logistics Group* members
- Draw conclusions & insights
- Distribute digital paper (free access)



Target: Q2/Q3 2021 distribution





Transportens  
Innovationsnetværk

Medfinansieret af Uddannelses- og Forskningsministeriet

# Thank you.

Participants:

