



2020 FALL FORUM

Halifax, Nova Scotia | November 4-5, 2020



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2020 is a much different year than many of us would have anticipated. The global COVID-19 pandemic has impacted project plans and supply chains and created many other challenges for the energy sector as a whole. As the dialogue around economic recovery evolves, there is an increasing role for emerging renewable energy sectors like marine renewables to contribute towards job creation, industrial development, and a resilient future for Canada. It is an optimal time to focus on how we can build back better through investments and initiatives that support dual objectives of stimulating the economy and acting on climate change.

Recognizing the uncertainty around organizing events in 2020, Marine Renewables Canada is hosting a one day Fall Forum in lieu of the annual conference to support its members and the industry. The event will explore how things have changed and how the sector can adapt, evolve, and capitalize on the opportunities that lie ahead. The Fall Forum is designed to encourage in-person participation with all current public health protocols implemented – and – will also provide the tools and ability for members and industry across the country and internationally to join virtually.

Marine Renewables Canada hopes that the Fall Forum will create an opportunity the industry hasn't had for awhile – bringing our members, industry, partners, and colleagues together to re-connect, get updates on opportunities, and strategize on the path ahead.

Pre-Forum Virtual Panel: Global Marine Renewable Energy Outlook

Wednesday, November 4th • 12:00 – 1:15pm AST

Worldwide, industries have felt the impact of the pandemic – some more than others. The health and growth of the global marine renewable energy sector is important to Canadian activity and international export opportunities.

This pre-forum virtual session is an opportunity for attendees to get up to speed on global market activity before diving into updates on opportunities and activity in Canada the next day. Panelists will highlight activity in some of the leading international tidal and offshore wind markets, provide insight on their respective jurisdictions' relevant policies and trends, and offer views on impacts of the pandemic and measures being developed to address challenges.

Chair: **Elisa Obermann**, Executive Director, *Marine Renewables Canada VIRTUAL*

Speakers:

- **Worldwide activity and outlook**
Roland Roesch, Deputy Director Innovation & Technology Centre, IRENA
- **Europe**
Donagh Cagney, Policy Director, Ocean Energy Europe
- **United Kingdom**
Oliver Wragg, Commercial Director, Orbital Marine
- **Offshore wind in the United States**
Brandon Burke, Director of Policy & Outreach, The Business Network for Offshore Wind

FORUM AGENDA

Thursday, November 5th • The Westin Nova Scotian & Virtual

8:45 – 9:00 am

Welcome & Setting the Stage

Elisa Obermann, *Executive Director*, Marine Renewables Canada

9:00 – 9:15 am

Address from the Province of Nova Scotia

The Honourable Derek Mombourquette, Minister, Nova Scotia Department of Energy & Mines

9:15 – 10:30 am

Building back better: Trends and opportunities

The combined impact of the COVID-19 pandemic and drop in oil prices has significant implications for the energy sector. Globally, there is increasing focus on ensuring a green recovery – one where renewable energy could play a leading role to create jobs while contributing to a diversified, resilient and low-carbon economy. What does this mean for marine renewable energy? How could trends in the energy sector and policies being created for economic recovery impact the sector? This session will explore the current context the sector is operating in and provide insight that will be important to future sector advancement.

Chair: **Colleen d’Enteremont**, *President*, Atlantica Centre for Energy

Speakers:

- **Global perspective: the role of renewable energy in economic recovery**
Roland Roesch, *Deputy Director Innovation & Technology Centre*, IRENA (*joining virtually*)
- **Canadian outlook for a green recovery**
Scott Skinner, *CEO*, Clean Foundation
- **Working together for an affordable, clean energy future**
Mark Sidebottom, *Chief Operating Officer*, Nova Scotia Power
- **A systems approach to enabling renewables in Canada**
Greg Robart, *CEO*, Smart Grid Innovation Network

10:30 – 11:00 am

BREAK

11:00 am – 12:15 pm Paving the way for sector growth

A number of initiatives are underway to support growth in Canada's marine renewable energy sector -- from addressing potential environmental effects of tidal energy projects and informing regulatory processes to new federal legislation and studies that could support offshore wind development. This session will dig into key activities underway that will support current and future development.

Chair: **Sandra Farwell**, *Director Marine Renewable Energy & Clean Growth*, Nova Scotia
Department of Energy & Mines

Tidal energy

- **Risk Assessment Program**
Tony Wright, *General Manager*, Fundy Ocean Research Centre for Energy (FORCE)
- **The Pathway Program**
Luiz Faria, *Project Manager*, Offshore Energy Research Association (OERA)

Offshore renewables/offshore wind

- **Developing the federal regulatory framework for offshore renewable energy**
Jon Brady, *Senior Policy Advisor*, Natural Resources Canada (*joining virtually*)
- **Building the roadmap for offshore wind development**
John Wright, *Executive Director Business Development*, Northland Power (*joining virtually*)

12:15 – 1:30 pm Lunch & Keynote Address

The Honourable Seamus O'Regan, *Minister*, Natural Resources Canada

1:30 – 3:15 pm Bay of Fundy Tidal Energy Projects: Progress, Plans & Opportunities

Tidal energy projects in Nova Scotia continue to progress with new milestones achieved and advancement towards the deployment and commissioning of devices. The sector in Nova Scotia is entering a very exciting time with activity increasing and imminent opportunities for local supply chain involvement.

This session is intended to be a highly interactive discussion and Q&A with local tidal energy developers. The audience will hear about project milestones achieved, upcoming plans and how current challenges are being tackled. Developers will also provide specific details on supply chain and procurement opportunities that will assist local suppliers identifying new contract opportunities.

Chair: **Terry Thibodeau**, *Renewable Energy Program Coordinator*, Municipality of the District of Digby

FORCE projects

- **Jamie MacNeil**, *Country Manager – Canada*, Big Moon Power
- **Sarah Thomas**, *Project Manager*, DP Energy
- **Mark Savory**, *VP Project Delivery & Commercial*, Sustainable Marine Energy Canada

Small-scale, community projects

- **Ross Sinclair**, *Founder & Co-CEO*, Jupiter Hydro
- **Kim MacNeil**, *Head of North America Business Development*, Nova Innovation
- **Clayton Bear**, *President & CEO*, New Energy Corporation (*joining virtually*)

3:15 – 3:45 pm **BREAK**

3:45 – 5:00 pm **Growing Canada’s Blue Economy with Marine Renewable Energy**

Marine renewable energy has the dual opportunity of providing a clean electricity solution for action on climate change – and – contributing towards growth in Canada’s Blue Economy. From displacing diesel in coastal communities to powering other ocean industries such as aquaculture and oil and gas – marine renewable energy could now play an even more important role in industrial development and economic recovery. This session will focus on the role marine renewable energy could play in Canada’s Blue Economy, initiatives underway to engage in new markets, and insight on how experience from other offshore industries is being transferred and adapted to provide solutions for marine renewable energy projects.

Chair: **Melanie Nadeau**, *CEO*, COVE

Topics:

- **Facilitating development in coastal and remote communities**
Courtney Trowse, *Community Collaboration Officer*, Sustainable Oceans Applied Research
- **Marine renewable energy and community microgrids**
Alexandre Paris, *CEO*, OPRC Canada (*joining virtually*)
- **Transferring offshore expertise to support marine renewable energy development**
Pete Whelan, *VP Project Execution*, Growler Energy (*joining virtually*)
Moya Cahill, *CEO*, PanGeo Subsea

5:00 pm **Closing**

Michel Samson, *Chair*, Marine Renewables Canada / *Counsel*, Cox & Palmer