



Orientering fra senterleder

Det er liten tvil om at havvind har preget mediebildet sommeren og høsten 2019. En del av oppmerksomheten har også kommet som følge en opphetet debatt om vindkraft på land, der havvind har vært pekt på som et alternativt som gir mindre påvirkning på urørt natur.

Før sommeren [sendte regjeringen ut et høringsnotat](#) om åpning av områdene Utsira Nord, Sandskallen-Sørøya Nord, samt ønske om innspill på området Sørilige Nordsjøen II for havvindutbygging.

22. august ble det klart at Equinor får 2,3 milliarder i støtte fra ENOVA for å bygge den flytende havvindparken Hywind Tampen som skal forsyne feltene Snorre og Gullflaks med strøm, og 11. oktober kom meldingen om at [Equinor og partnerne har tatt en endelig beslutning om å bygge ut det som blir Norges første flytende havvindanlegg](#). Multiconsult har estimert at prosjektet kan skape mellom 1550 og 3000 årsverk i norsk næringsliv over sin levetid. Vi i BOW ser med glede på at utbygging av havvind i Norge nå blir en realitet.

Statsministeren holdt [toppmøte om havvind](#) på UiB den 17. september. Jeg var selv tilstede ved møtet og opplevde meldingen fra næringslivsledere og fagfolk som ganske unison: Det haster å komme i gang med havvind dersom vi skal ta en ledende rolle i utviklingen og det er nødvendig med et hjemmemarked med større utbygginger. I så måte er det en god start med Hywind Tampen prosjektet.

I september var vi medarrangør av havvindkonferansen Science Meets Industry Bergen som du kan lese mer om i dette nyhetsbrevet.

Når en havvindpark skal planlegges er det mye som må kartlegges. Fra et naturvitenskapelig og teknologisk perspektiv må man ha kunnskap om bl.a. vindressurser, bunnforhold, erosjon og slitasje, hensyn til økosystemer, samt materialvalg for å sikre best mulig valg av plassering for vindparkene og lengst mulig levetid. Fra et økonomisk og juridisk perspektiv må man se på hvordan regelverk og finansieringsordninger kan støtte opp om utvikling av havvindindustrien. I tillegg skal mulige interessekonflikter ivaretas. Ved BOW tar vi mål av oss å arbeide med disse tverrfaglige problemstillingene i tett samarbeid med industri og forvaltning.

Vi er glade for støtte til fire nye prosjekt gjennom Akademiaavtalen som dekker mange av disse problemstillingene. Du kan lese mer om hvilke prosjekter som fikk tildeling i nyhetsbrevet.



Finn Gunnar Nielsen
Senterleder, Bergen Offshore Wind Centre (BOW)



Highlights



Photo Credit: Jens Ådnanes/UiB

Science Meets Industry Bergen 2019

On 12 September 2019 Bergen Offshore Wind Centre (BOW) co-hosted the offshore wind conference Science Meets Industry in the University Aula. Around 180 participants from academia, the industry sector and the public sector contributed to making the conference a memorable event.



Photo Credit: Jens Ådnanes/UiB

The prime minister's high-profile meeting on offshore wind at UiB

The prime minister invited industry CEOs, leaders from research institutions and representatives from interested organizations to a high-profile meeting on offshore wind at the University of Bergen. Head of Bergen Offshore Wind Centre (BOW), Finn Gunnar Nielsen was one of the invited guests.



Received funding (from the left): Mostafa Bakhoday-Paskyabi, Bodil Holst, Joachim Reuder, Sigrid Eskeland Schütz, Hafliði Hafliðason Photo Credit: UiB

Academia Agreement Funding

Allocations from the Academy Agreement between UiB and Equinor were announced on 28 June 2019. Four research projects on offshore wind received funding. In addition BOW was allocated funding for two Associate Professor II positions.



Other news

June

Moving to new premises

The Centre moved into new premises in Allégaten 55 in early June. This was celebrated with an official opening on 7 June 2019.

August

Offshore Wind at Arendalsuka

Offshore wind was high on the agenda at the political festival Arendalsuka. Head of BOW, Finn Gunnar Nielsen joined UiB's "climate sail" to Arendal and took part in several panel debates on offshore wind energy.

September

Dialogue meeting with BOW's Scientific Advisory Committee

On the 13th of September Bergen Offshore Wind Centre (BOW) had a dialogue meeting with the [Scientific Advisory Committee](#). The SAC consists of 3 members from academia and 3 members from the industry. The committee gave advice on strategy, focus and communication which will be most useful in BOW's further work.



Photo: Representatives from BOW with the Scientific Advisory Committee. Photo Credit: Jens Ådnes/UiB



September

Memorandum of Understanding with DTU Wind

In September the Vice Dean for Energy Transition, Gunn Mangerud, and Head of Centre, Finn Gunnar Nielsen, signed a Memorandum of Understanding between Bergen Offshore Wind Centre and DTU Wind on external conditions within offshore wind energy.

Suggested activities were:

- Measurements and modelling of offshore wind & wake fields
- Wind and wave induced loads
- Weather induced erosion on wind turbine blades

High Level Panel for a Sustainable Ocean Economy report: The Ocean as a Solution for Climate Change: 5 Opportunities for Action

[The Ocean as a Solution for Climate Change: 5 Opportunities for Action](#), published 23 September 2019 at the U.N. Secretary-General's Climate Action Summit in New York, finds that the ocean economy and coastal regions could play a much bigger role in shrinking the world's carbon footprint and limiting global temperature rise to 1.5°C than previously realized.

One of the 5 opportunities outlined in the study is harnessing ocean-based renewable energy. The largest contribution herein comes from offshore wind energy.

Finn Gunnar Nielsen from Bergen Offshore Wind Centre (BOW) and Peter M. [Haugan](#) from the Institute for Marine Research and Geophysical Institute at the University of Bergen co-authored the chapter on renewable energies.



Photo credit: High Level Panel for a Sustainable Ocean Economy



Joining BOW

Torill Andersen Eidsvaag joined the centre as an Administrative Coordinator on the 1st of June.

Mostafa Bakhoday-Paskyabi joined the centre as an Associate Professor on the 1st of August.

Thomas Hansen joined the centre as a Postdoctoral Fellow on the 1st of September .

Etienne Cheynet will join the centre as a Postdoctoral Fellow on the 1st of November .

Ignacio Herrera-Anchustegui will join the centre as an Associate Professor on the 1st of November.

In addition, 1 new senior academic position, 3 new postdoctoral fellows and 4 new PhD candidates will be joining the centre through various projects in the coming time.

- [See who is affiliated with the centre here](#)

Vacancies

- [PhD position in marine-geological site surveys for offshore wind installations](#), Application deadline 28th of October 2019

Graduates in offshore wind (June – September)

Name	Program	Thesis	Exam date
Maylinn Myrtveit	Master's programme in energy	Investigation of the importance of wind field modelling for loads on a bottom fixed and a spar floater wind turbine	24 September 2019
Sara Vold Ågren	Master's programme in applied mathematics	Analysis of Wind Turbine Wakes from Large-Eddy Simulations	19 June 2019
Phani Kumar Manne	Master's programme in energy	The importance of wind turbulence and coherence to the loads on a wind turbine blade	18 June 2019



Get (and keep) in touch

This is the first newsletter for Bergen Offshore Wind Centre (BOW). We aim to send out a newsletter four times a year. If you want to receive newsletters from us from now on you can [fill in this form](#).

Are you on Twitter? So are we!

- [Follow our account @BergenWind](#)

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[See our contact pages for further information](#)