

U N I V E R S I T E T E T I B E R G E N

Geophysical Institute, Faculty of Mathematics and
Natural Sciences

The impact of NORCOWE as seen from the University of Bergen

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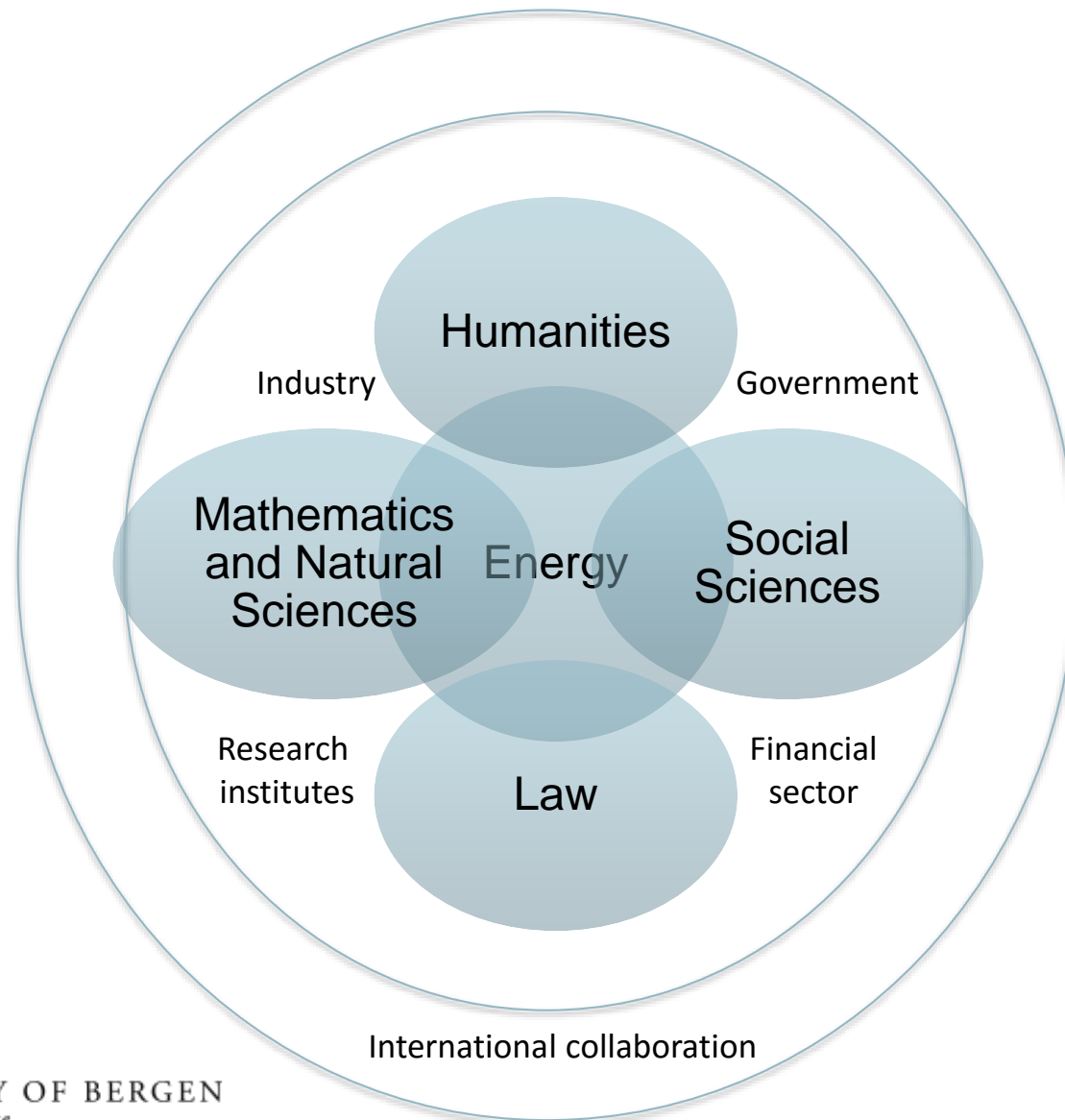
How did we see NORCOWE?

- As a golden opportunity to create a brand new consortium
 - Complementary expertise among universities and research institutes
 - Work with highly competent industrial partners
 - New applications and developments of our core expertise
 - Motivating opportunity to contribute to the green shift
- As disappointment
 - When government policies changed
 - No offshore wind test, demo or pilot in Norwegian waters after Hywind
 - Many industry partners withdrew
- As an exercise in transition and how to focus
 - To selected topics serving international offshore wind

What happened at UiB?

- Developed research competence (publications) in new field
- Significant contribution to education on MSc and PhD level
- Changing research profile at department level
 - Full professorship in offshore wind
 - Significant research infrastructure (OBLO)
 - New internal collaborations among departments at UiB
 - Research basis for (parts of) new energy education at UiB/HiB (2-year master now, 5 year master from 2017)
- Strengthening of ties to some partners we already knew (CMR, StormGeo, Statoil,...)
- Links to “new” partners (UiS, UiA, UiAa, ...)
- Some visibility in European energy research (EERA)
- Some visibility in broader parts of UiB, Bergen and Norway

Where are we heading with energy R&D in the future?



Where are we heading with energy R&D in the future?



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The Offshore Boundary-Layer Observatory (OBLO)

Geophysical Institute, University of Bergen

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A photograph of a white Windcube 100S wind measurement instrument. The instrument is a cube-shaped device with a large, circular, multi-colored sensor (purple, pink, red) on top. The text 'WINDCUBE 100S' is printed on the side of the white cube.

**WINDCUBE
100S**

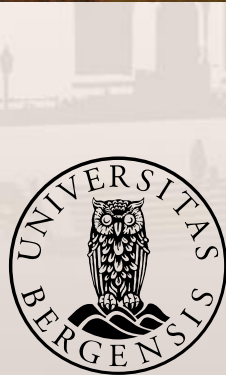
Available instrumentation

As national infrastructure, the OBLO instrumentation is in general available for the whole relevant research community in Norway. After the extended environmental tests of the measurement equipment, already finished for some of the new equipment, [Read More ...](#)



Prospects

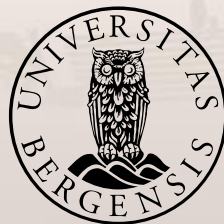
- Develop expertise in highly specialized aspects of offshore wind – continued redefinition of our role and niche
- Even more international involvement
 - Global challenges
 - Growing activities in offshore wind also outside Europe
- Look for crossovers and links to system expertise
- Who knows?



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Geofysisk institutt

One focus for UiB will be ocean and atmosphere measurements



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