

# IPID4all Senior Research Exchange with University of Liverpool

## Feedback report

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LCA and Cascade Use in offshore wind farms as part of  
Marine Spatial Planning*

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### Activities / Contacts

The objective of the visit to the School of Environmental Sciences of the University of Liverpool was to strengthen the ongoing cooperation of COAST, the Center for Environmental and Sustainability Research at the University of Oldenburg, and the School of Environmental Sciences of the University of Liverpool as well as to use this existing cooperation to build an cooperation with the Cascade Use Research Group at the University of Oldenburg.

The host Dr. Stephen Jay is a Senior Lecturer for Geography and Planning at the School of Environmental Sciences and is specialised in marine spatial planning (MSP). His research activities include Environmental Sustainability as well as Offshore Renewable Energy.

During the discussions with Dr. Stephen Jay and this team the current status and the future possibilities of the use of Life-Cycle Assessment (LCA) in MSP in Europe with a focus on offshore wind farms were examined.

As the topics of MSP are getting more and more in the focus of transboundary and interdisciplinary research we agreed to strengthen the presence of the aspects of renewable energy in MSP in the already existing Marine Spatial Planning Research Network (MSPRN – <http://www.msprn.net>) where Dr. Stephen Jay is part of the coordinating group.

Both universities are involved in the recently started Erasmus+ project “Strategic Partnership for Marine Spatial Planning” (SP-MSP) and the possibilities of interdisciplinary (educational) cooperation and exchange within this project were discussed.

### Future collaboration / Outlook

- introduce and strengthen the importance of LCA and cascade use to MSP
- discussion and planning on building synergy effects between LCA and MSP on the SIMCelt Closing Conference in the end of November 2017 in Liverpool

**DAAD**



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