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SOMOS: Technical Standards for Safe Production of Food and Feed from marine plants and Safe Use of Ocean Space

Project

SOMOS: Technical Standards for Safe Production of Food and Feed from marine plants and Safe Use of Ocean Space

Somos, a study into safety at sea is taking off as part of a partnership between Lloyd's Register Foundation, Wageningen University & Research and TNO. Half a million pounds is the amount scientists have at their disposal to investigate safety aspects of combined activities at sea. The focus in SOMOS is on renewable energy production in combination with seaweed, used not only food but also feed, bio-chemicals, energy and other valuable products. The grant is awarded by the UK-based Lloyd's Register Foundation, which wants to contribute to the enhancement of resilient marine resources for tomorrow's world population.

The goal is to develop a meaningful safety assessment and safety control to stimulate the production of energy and food at sea. There are five objectives;

- Demonstrate that multiple economic activities can take place at sea in a sufficiently safe fashion,
- Establish a method for assessing the safety of multiple

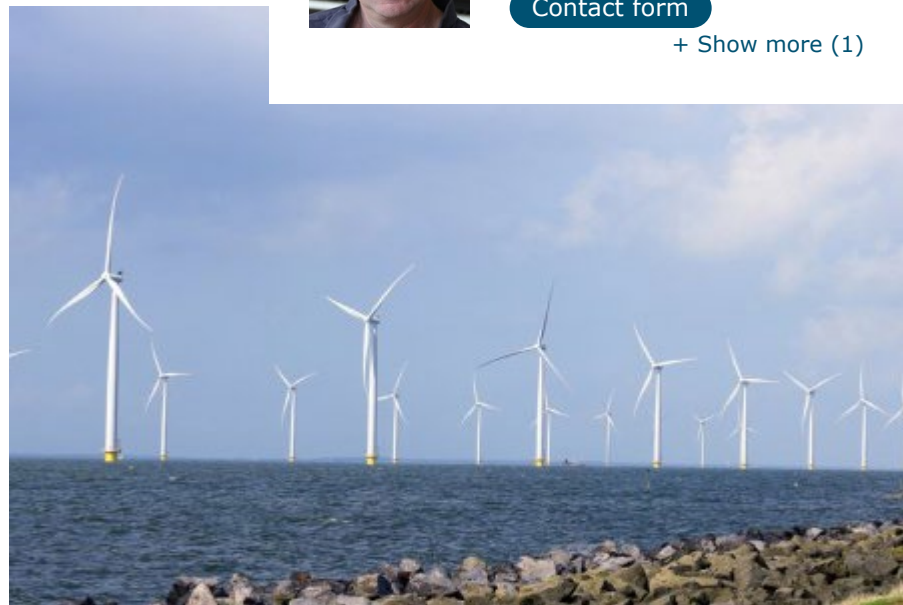


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Project information

SOMOS

economic activities at sea,

- Identify tools which must be used to carry out the analyses and assessments required to ensure an acceptable safety level ,
- Provide a proof of principle, based on demonstrators, of safe use of sea for combined seaweed and energy production.
- Create capacity in the marine and maritime community of policy makers, certifiers and operators and initiate a public debate on this issue of safety of multiple uses of marine space with all the stakeholders: politicians, financiers, businesses, operators, legal representatives and societal groups.

About SOMOS

Summary

Work Package 1: Safety of Marine Food and Feed Ingredients

Work Package 2: Safety of people and property in multi-use of maritime locations

Work Package 3: Safety aspects of Marine Interactions and Cumulative Effects

Work Package 4: Framework for safety assessment for safe production of marine food and feed and safe use of Ocean Space

Work Package 5: Outreach, communication and Training

Workshops

News

Status: Completed

Start project: Sep 1, 2016

End project: Sep 1, 2018

Client(s): Lloyds Register Foundation

Partners: [Wageningen Marine Research](#) , [Wageningen Economic Research](#) , [Wageningen Environmental Research](#) , [RIKILT Wageningen University & Research](#)

Other parties involved: TNO (Dutch Organisation for applied scientific research TNO)



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