

## **Input to framework development for safe production of food and feed ingredients at sea**

J.L. Banach, S. van Tuinen, and H.J. van der Fels-Klerx

The objective of Deliverable 1.2 was to develop a roadmap that helps:

- (i) identify potential food and feed safety hazards in the production of seaweed for food and feed ingredients in a multi-use setting and,
- (ii) identify how hazards can be monitored and controlled.

The elements of risk analysis approach for food safety were incorporated in this roadmap. The proposed 5-stage roadmap highlighted the main steps to consider when assessing the objectives, including how risk assessment, management, and communication can be incorporated.

Furthermore, the roadmap described how each stage could be evaluated given seaweed cultivation for single use and for multi-use in the context of seaweed cultivation at an offshore windmill park. Food safety risk ranking methods were also compared. This information was incorporated into the generic framework for safety assessment in SOMOS work package 4 given the food and feed safety perspective.