

VALUMICS – Understanding food value chain and network dynamics

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Salmon Stakeholders Workshop

5th June, Ålesund



Food Systems Dynamics

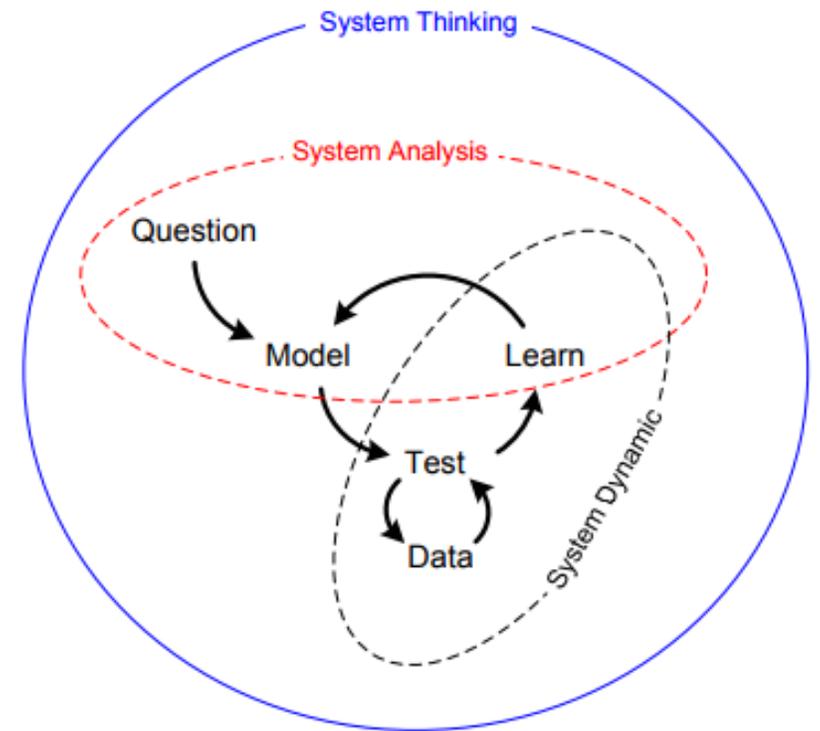


This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 727243

Objective

The overall objective of the VALUMICS project is to provide decision makers throughout food value chains with a comprehensive suite of approaches and tools that will enable them to evaluate the impact of strategic and operational policies, and enhance the resilience, integrity and sustainability of food value chains for European countries.

VALUMICS will provide improved understanding and models underpinning policy recommendations, enabling advice aimed at decision makers with key roles and required capacity to enhance the resilience with respect to sustainability of strategic food value chains in Europe.



Scale of the VALUMICS project

Project budget

The EU Grant of 6 million EURO

A four year project:

1 June 2017 to 30 May 2021

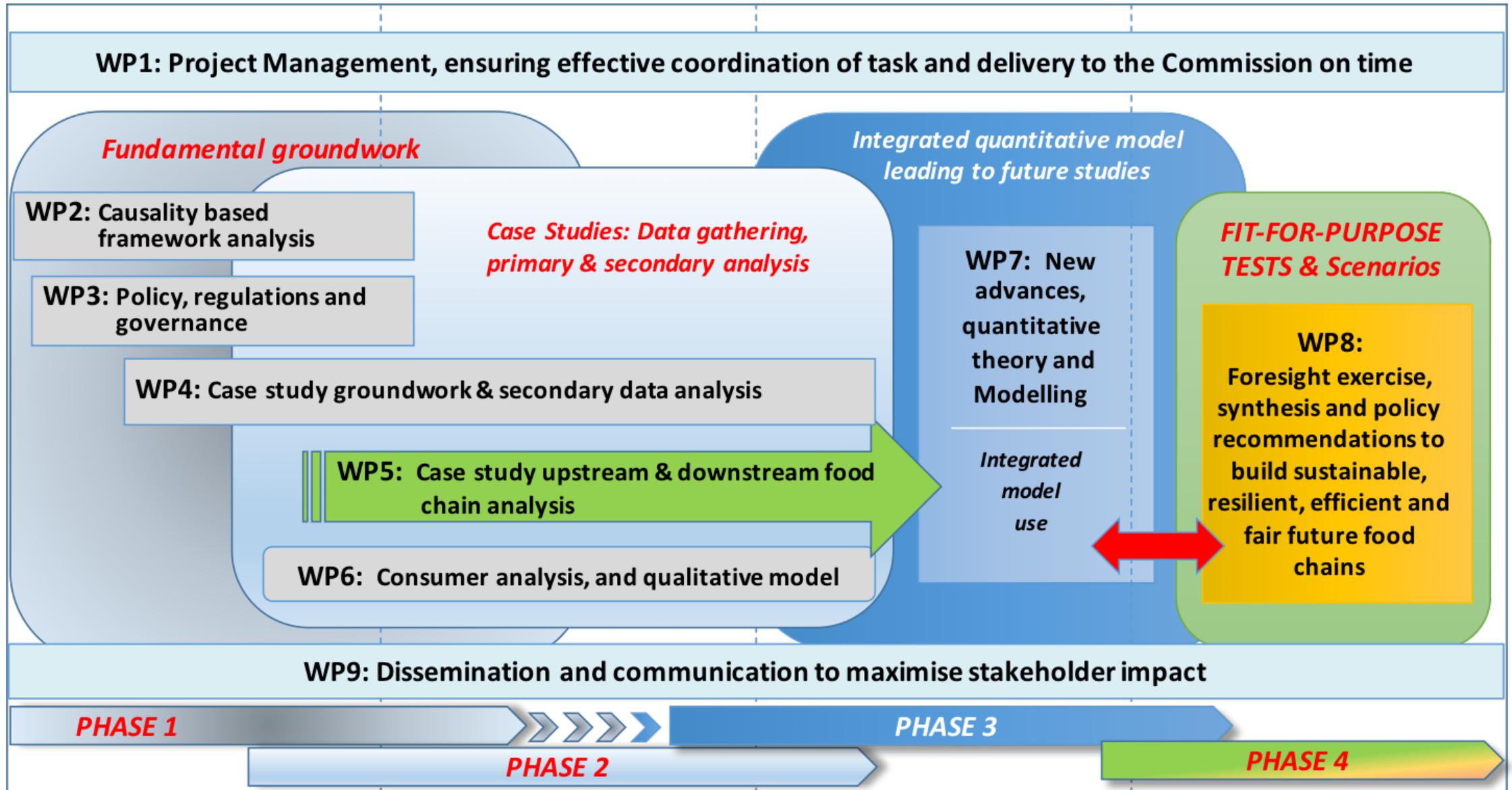
21 participating organisations

The consortium driving the VALUMICS project has a core of 19 European partners from 14 countries, and two Asian partners, China and Vietnam

The VALUMICS consortium was designed to achieve the overall objective of providing decision makers throughout food value chains with a comprehensive suite of approaches and tools that will enable them to evaluate the impact of strategic and operational policies



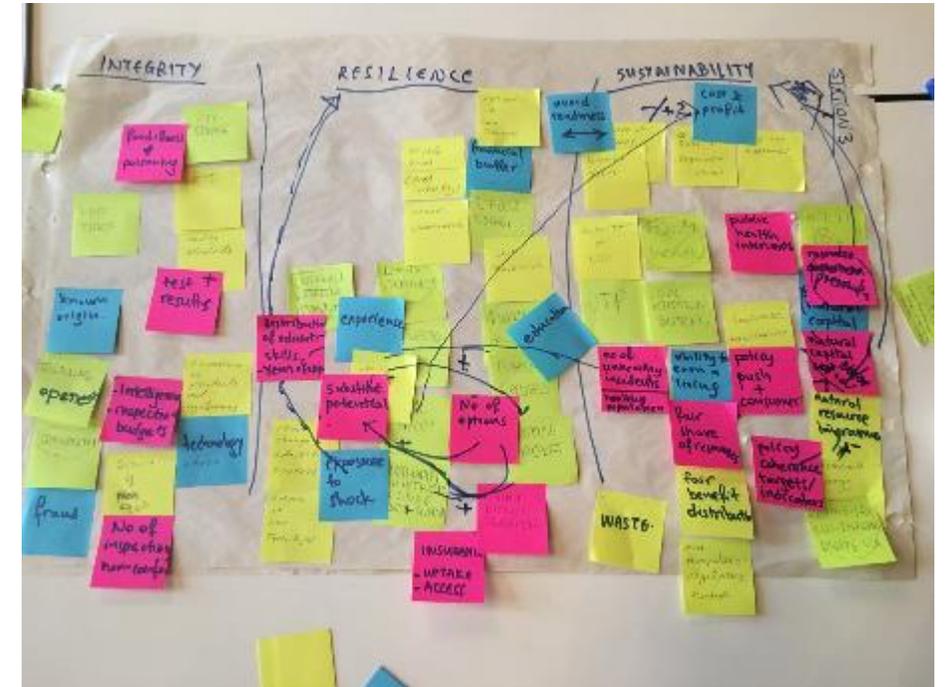
Project Structure



Expected outcomes

VALUMICS will:

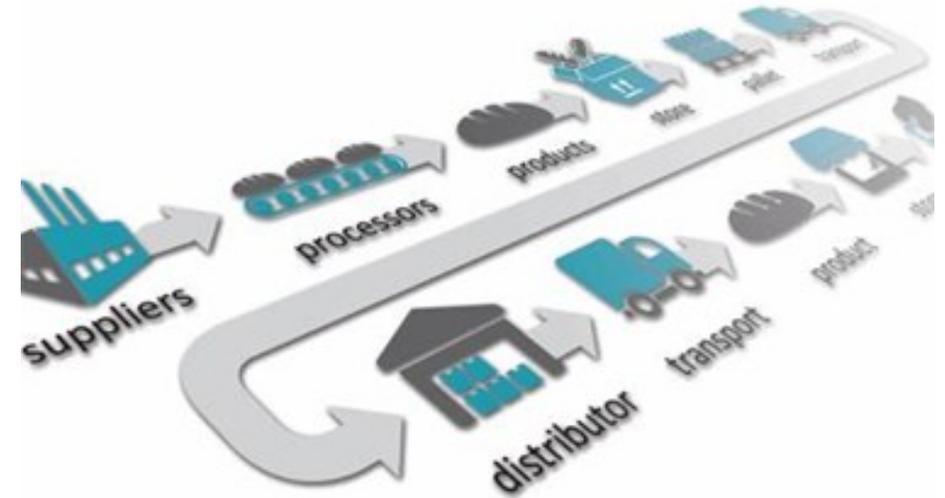
- Improve knowledge on food chains and their underlying drivers
- Deliver a comprehensive assessment of all dimensions of the sustainability, performance and resilience of food chains and their contribution to jobs and growth, both territorially and at EU level
- Improve capacity to model the sustainability and resilience of food chains
- Enhance capacity to assess the functioning of value chains, upstream and downstream chain flows, and price transmission along the chain



Expected outcomes (2)

VALUMICS will:

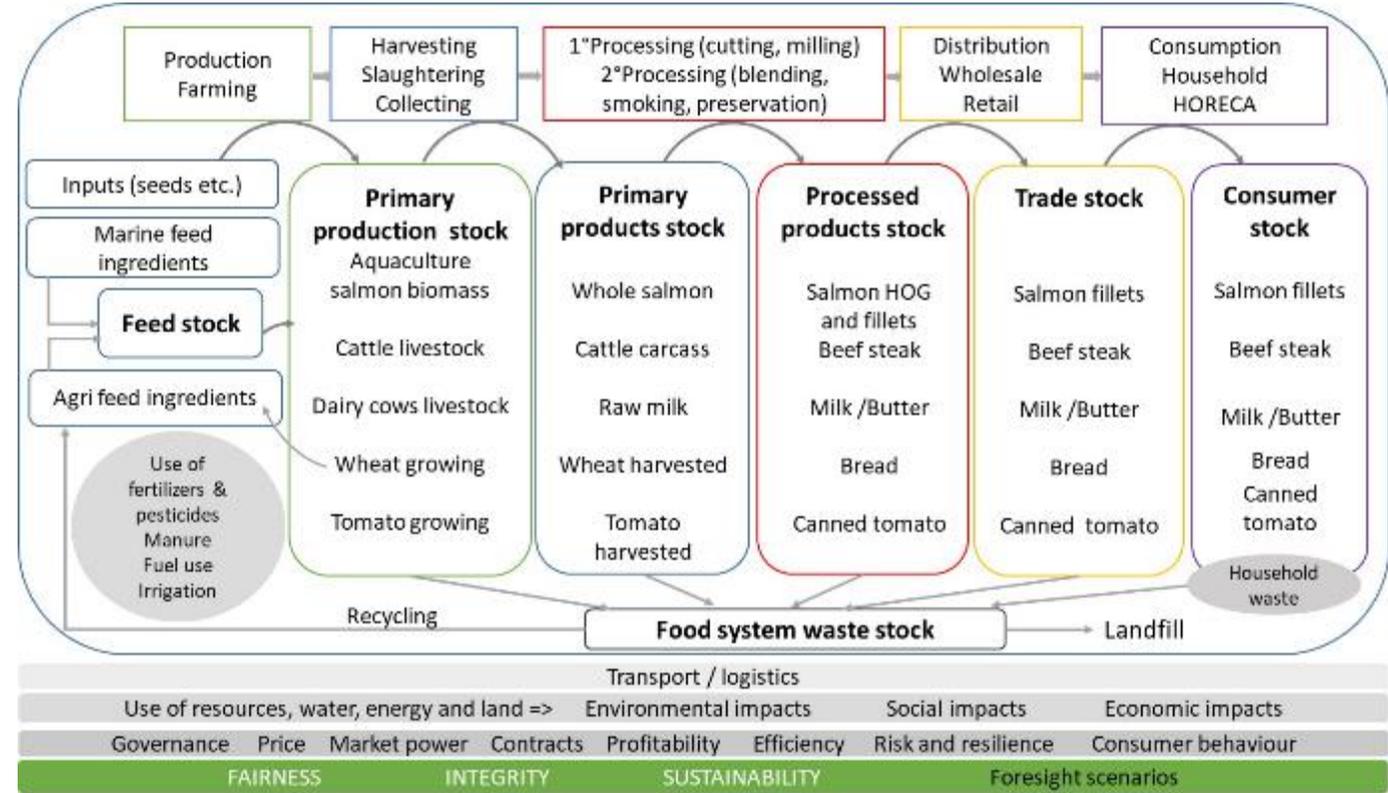
- Increase capacity to map the occurrence of unfair practices in the food chain and develop approaches to assess their impact
- Clarify the development of added value and profit margins in food value chains and how these are distributed at each level
- Increase understanding of how consumers' demand and consumption patterns affect the organization of food chains (and vice versa), and their sustainability and resilience
- Improve the capacity of relevant policies and food chain stakeholders to improve food chain sustainability and resilience



From www.foodonline.com

Case studies

- Atlantic salmon to fillets
- Wheat to bread
- Dairy cows to milk (and butter)
- Beef cattle to steak
- Tomato to canned tomatoes

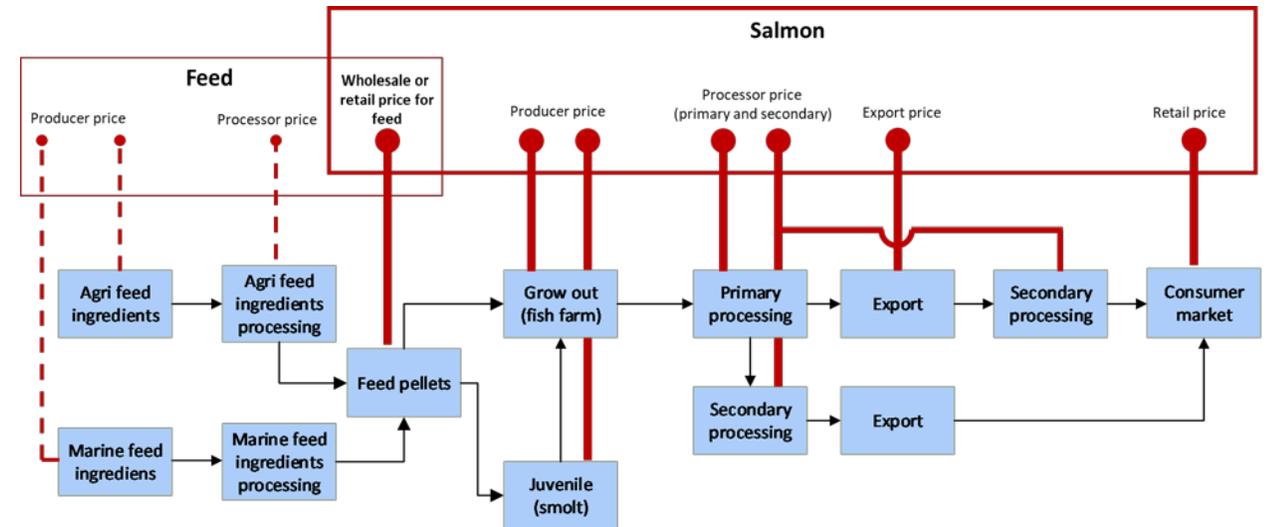


From Ólafsdóttir et al., 2018



Salmon case study

- Mapping of supply and decision chains
- Environmental and Social LCA
- Governance and market power analysis
- Price transmission models
- Logistics modelling focussing on reduced environmental impact
- Models for risk and resilience assessment
- Foresight scenarios



Goal of today's workshop

- Present results from salmon case study to stakeholders
- Discussions to better understand value chain dynamics, focussing on:
 - Governance and perceived power in the salmon value chain
 - Price transmission in the salmon value chain
 - Supply chain risk and resilience assessment
 - Logistics planning in the salmon supply chain
- Time for one on one consultations and dialogue for further collaboration

UNDERSTANDING FOOD VALUE CHAIN AND NETWORK DYNAMICS

Salmon Case Study - Stakeholders Workshop

5th June, 10:00 – 16:00

Meeting Room: 360 Rotunden at Blue Innovation Centre

Address: Norsk Maritimt Kompetansesenter (NMK), Borgundvegen 340, 6009 Ålesund

In connection with the VALUMICS project, SINTEF Ocean invites the salmon industry stakeholders to a workshop focusing on supply chain planning, market dynamics and risk and resilience aspects of the salmon value chain. The aim of this workshop is to present the findings from VALUMICS to the salmon industry stakeholders and discuss solutions for better understanding of the value chain dynamics in order to respond to the future challenges in a robust manner.

VALUMICS (<http://valumics.eu/>) is a Research and Innovation project funded by the Horizon2020 programme with a budget of 6 million Euro. The project focuses on five case value chains in Europe including beef, dairy, wheat, tomatoes and salmon and will compare value chain organisation, integrity, resilience and sustainability of the selected chains. Salmon case study focusses on the Norwegian farmed salmon value chain including distribution and consumption in Europe.

The workshop will be used to present and discuss different perspectives on supply chain planning, role of market dynamics and resilience towards economic and environmental risks in the salmon value chain. Group discussions will focus on how to develop better models and solutions for decision making and value chain optimization.



10:00	Welcome	Robert Wolff, SINTEF Ocean
10:05	Introduction to VALUMICS project and salmon case study	Maitri Thakur, SINTEF Ocean
10:20	Governance and perceived power in the salmon value chain	Guðrún Ólafsdóttir, University of Iceland
10:35	Market dynamics and price transmission	Lars Daniel Garshol, Kontali Analyse
11:05	Coffee Break	
11:20	Price transmission and market power in the salmon value chain compared to insights from the beef value chain	Tinaoush Jagdhani, IAMO
11:40	Group Discussion	All
12:20	Lunch	
13:10	Supply chain and logistics planning in the salmon value chain	Botholf Stolt-Nielsen, Ocean Supreme
13:30	Logistics modelling for the salmon supply chain	Paulus Aditjandra, Newcastle University
13:45	Risk and resilience assessment in the salmon supply chain	Kolbjørn Giskeødegård, Nordea
14:05	Coffee Break	
14:20	Group Discussion	All
15:00	Summing Up	Maitri Thakur, SINTEF Ocean
15:10 – 16:00	One on One consultations	

Register for this free workshop before 31st May [here](#)



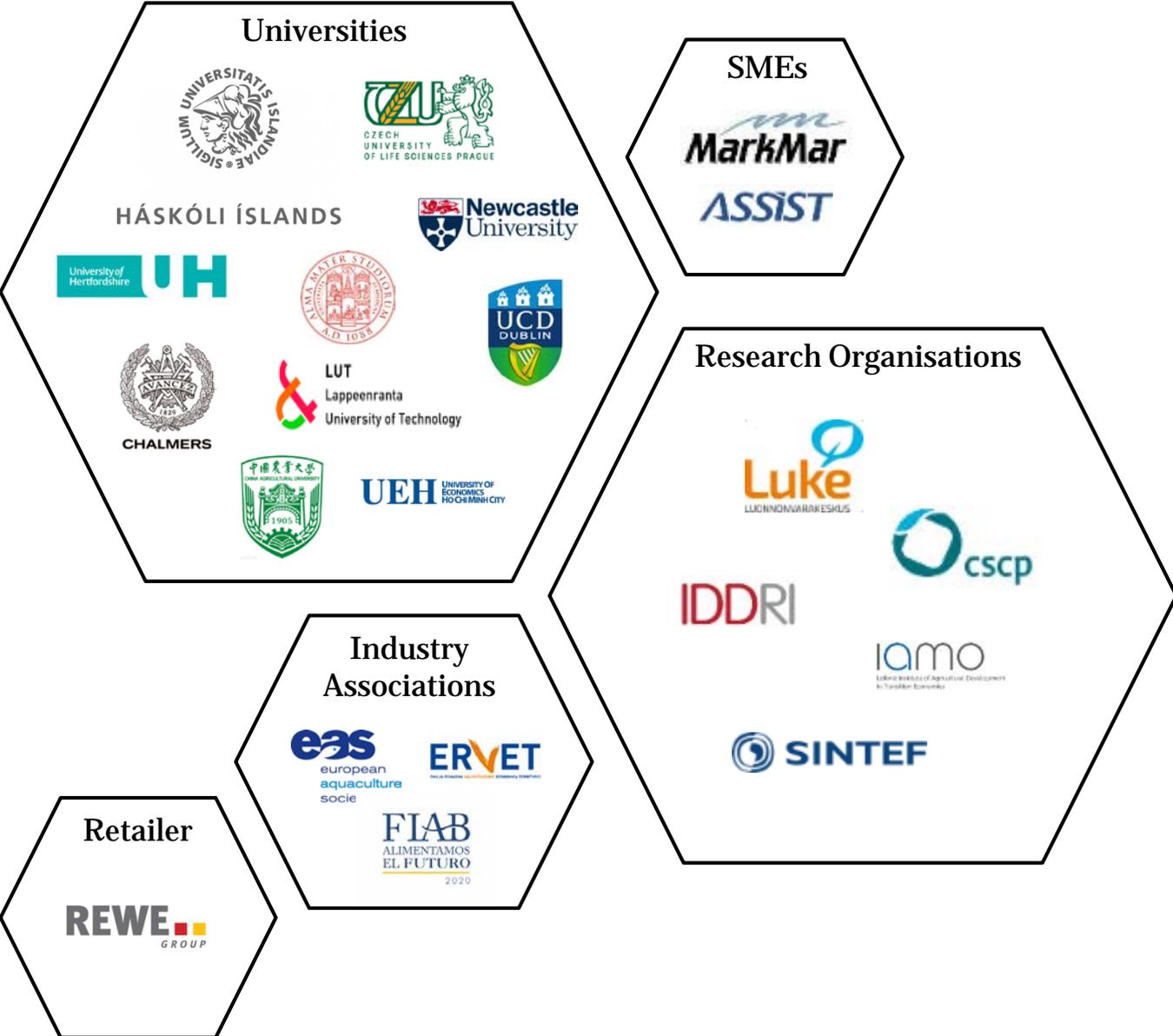
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VALUMICS Participants





BECOME A STAKEHOLDER!

www.valumics.eu/sign-up

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Salmon Case Study

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