



- ● ● Fostering sustainable development in Faroese fisheries and aquaculture through provision of knowledge services and participation in international research projects to transfer knowledge to and from the Faroe Islands.
- ● ● To act as a communication hub for marine resource companies and inform the public about issues relating to these.

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- Research projects on next generation proteins and development of low-trophic species (macro-algae, mussels, oysters, IMTA etc.) and fisheries management
- Public outreach



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••• Ocean Cluster Faroes Members •••



VESTMANNA
SEAFOOD



SYN-ESA
KNOWLEDGE TO VALUE



MQWI

NAD SEAFOOD



NORDFRA

Sp/f
MEKANOR



FELAGIÐ LÍNUSKIP




MIÐNÁM Á KAMBSDALI





An introduction to the ClimeFish Project

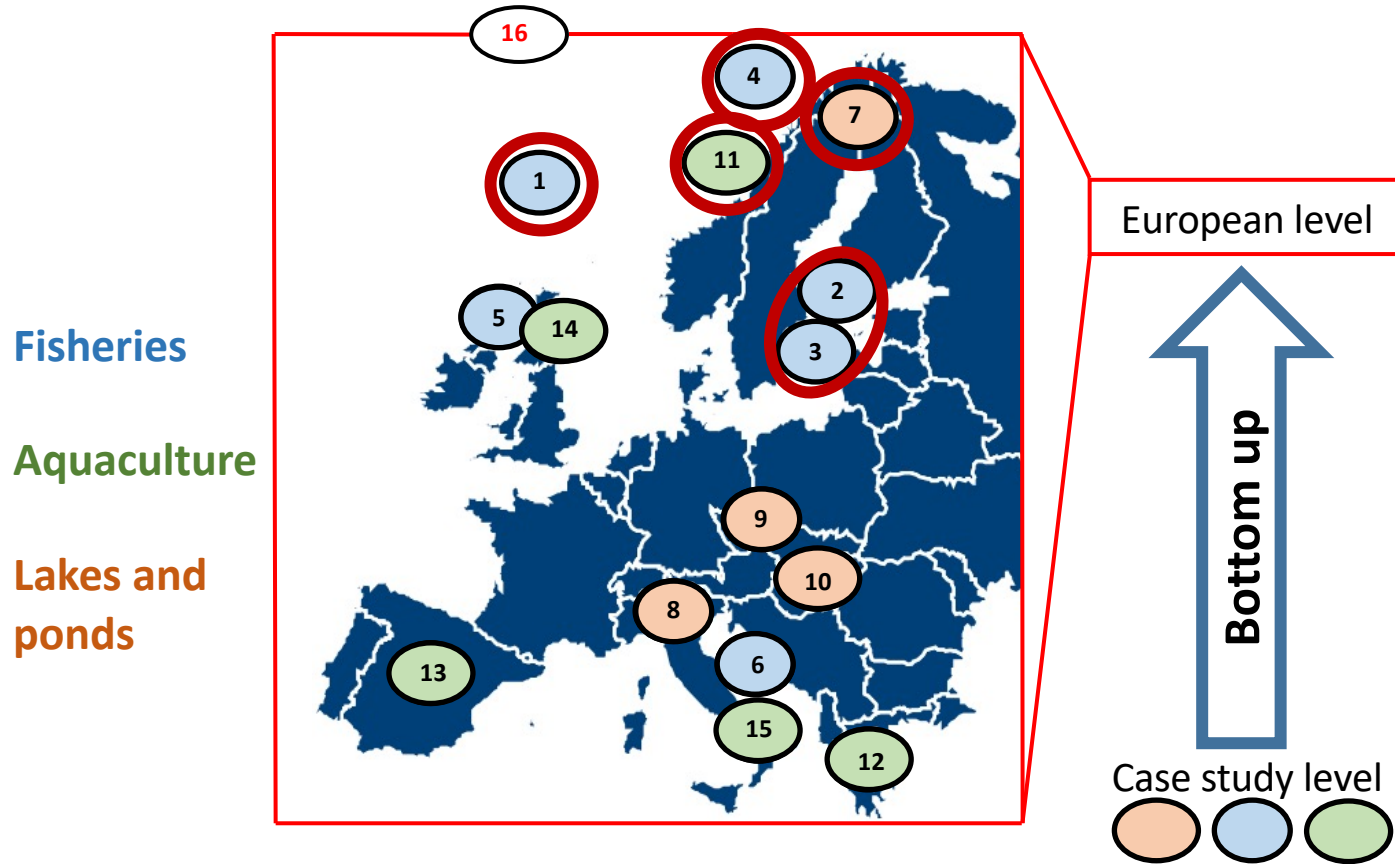
ACAF  Arctic climate adaptation
networking webinar with Greenland and
Faroe Islands, 10. May 2021

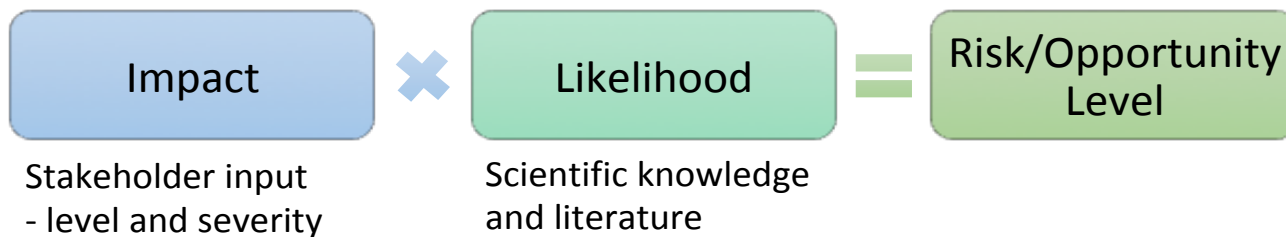
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blue resource
sjókovin



ClimeFish Case Studies in 3 sectors





Risk Matrix

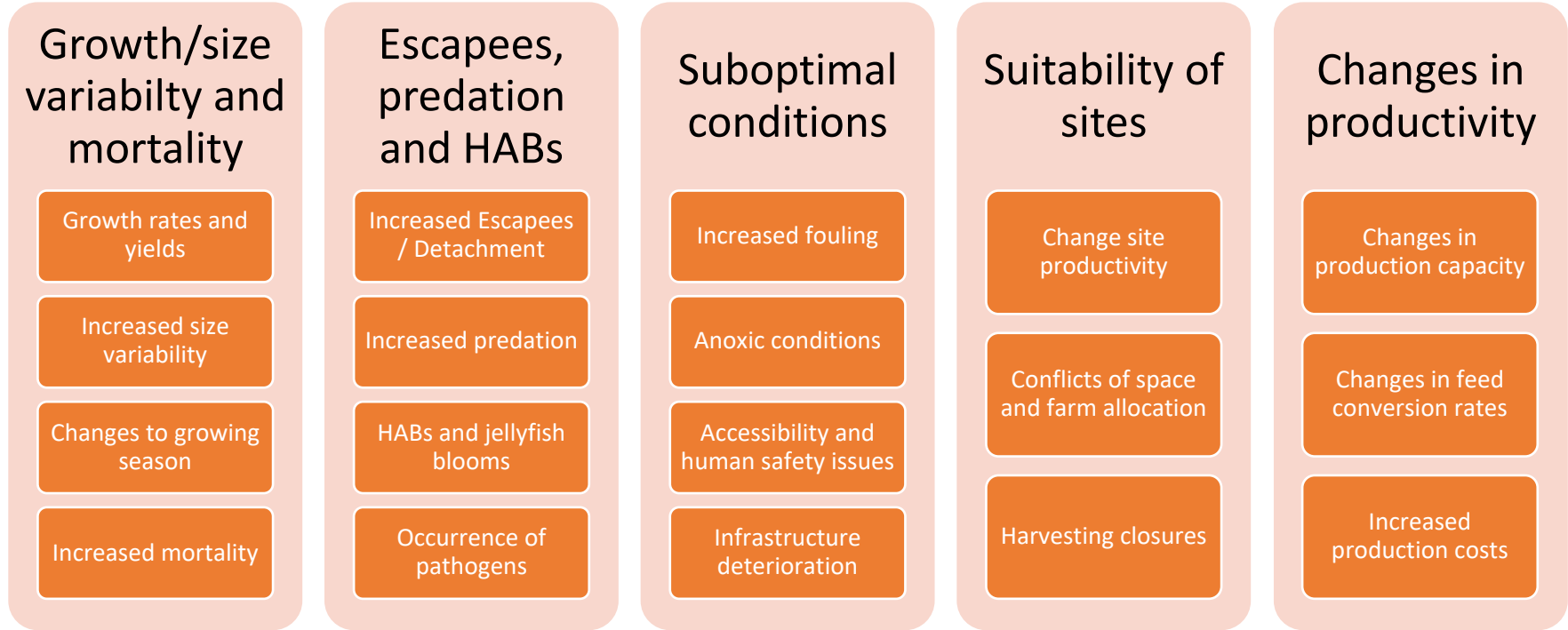
		Likelihood		
		Unlikely	Possible	Likely
Impact	Negligible (0)	No	No	No
	Minor (1)	Minor	Moderate	Moderate
	Moderate (2)	Moderate	Major	Major
	Major (3)	Moderate	Major	Severe
	Extreme (4)	Major	Severe	Severe

Opportunity Matrix

		Likelihood		
		Unlikely	Possible	Likely
Impact	Negligible (0)	No	No	No
	Minor (1)	Minor	Moderate	Moderate
	Moderate (2)	Moderate	Major	Major
	Major (3)	Moderate	Major	Transformative
	Extreme (4)	Major	Transformative	Transformative



Shared Impacts on Aquaculture



Shared Impacts on Marine Fisheries

Species composition

Northwards shift of species – Marine

Increased stocks i.e. Mackerel, Whiting and Hake,

Decreased stocks i.e. Herring, Cod, endemic species

Emerging species: e.g. Seabass in WoS, invasive

Species phenology and growth

Alterations year-class

Food availability

Growth rates

Distribution and fisheries dynamics

Catch composition

Spatial distribution

Deployment of gear and catch efficiency

Quota allocation, licenses and TAC

Increased complexity in negotiations

Overfishing of shared stocks

Choke Species

Production dynamics

Longer distance to fishing grounds

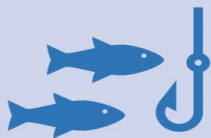
Reduced safety

Damaged infrastructure

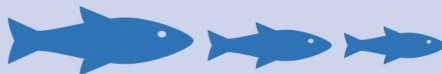
Reduced fishing days / Increased costs



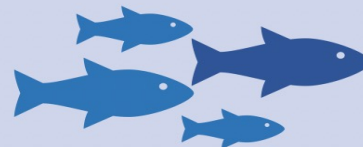
Cross-Sectorial Impacts



Species Composition



Food Availability and Phenology



Growth Rates



Safety



Damage and Deterioration to
Infrastructure



Water Quality



Management and Governance



Operational Costs



ClimeFish

This project has received funding from the European Union's Horizon 2020 research and innovation action under grant agreement no. 677039

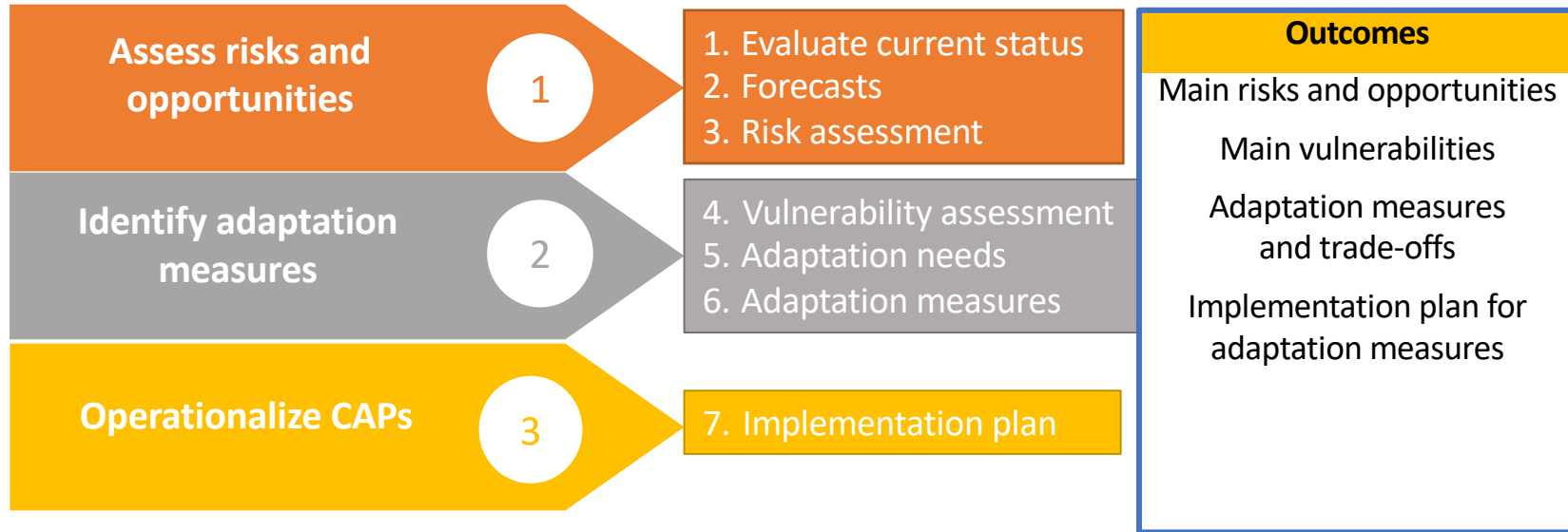


International standard - Guidelines for creating Climate Adaptation Plans (CAPs)

Good practice recommendations for making Climate Adaptation Plans for fisheries and aquaculture

CEN Workshop Agreement

CWA 17518:2020





Guidelines for co-creating climate adaptation plans for fisheries and aquaculture

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Thank you for your attention!



Risk and opportunities Assessment – Steps and Method

