

## GET INVOLVED: FISH AND SHELLFISH FARMERS, FISHERMEN & INDUSTRY CAN

... help to define **test scenarios** and identify what is important for each sector.

... contribute to **conceptual maps** of how climate change impacts on your industry.

... provide **anonymous data** to fuel economic analyses of farms and fleets.

... give **critical feedback** on analyses and project results.

... state **your perspective** on suggested solutions for industry and governance.

... spread **information** to other industry partners about this project.



## CERES UNIVERSITIES



## CERES RESEARCH INSTITUTES



## CERES INDUSTRY PARTNERS



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Horizon 2020 - Blue Growth  
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# CERES

CLIMATE CHANGE AND  
EUROPEAN AQUATIC RESOURCES

[www.ceresproject.eu](http://www.ceresproject.eu)



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## CERES WILL

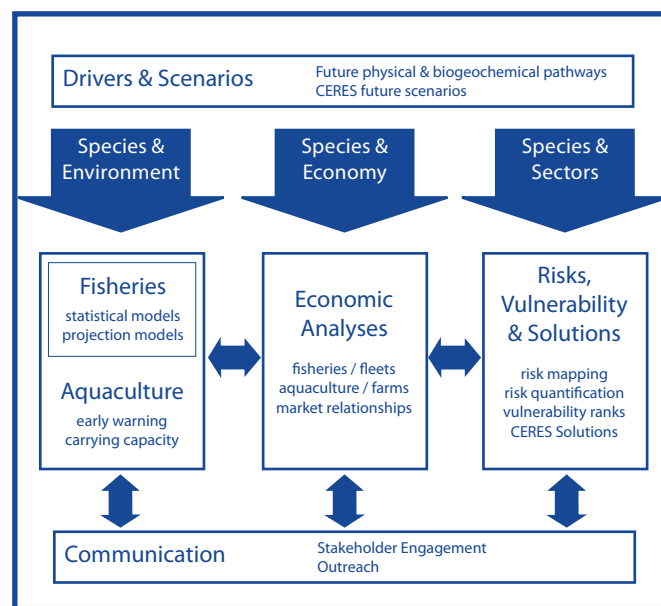
... provide **forecasts** of environmental conditions under climate change relevant for fisheries and aquaculture industries.

... estimate **economical consequences** for these aquatic industries by 'scaling up' changes in productivity and ecology of fish and shellfish.

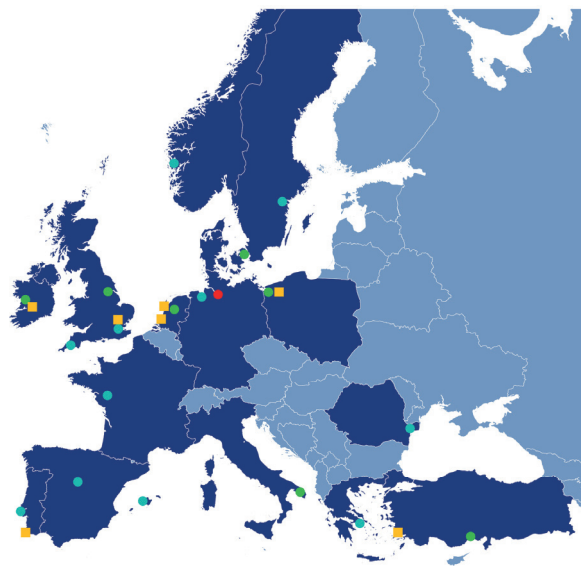
... assess exposure, **vulnerability** and adaptive capacity within European fisheries and aquaculture sectors.

... suggest viable **solutions** for aquatic food production industries to handle risks and expected benefits from climate change.

... highlight **management challenges** where established governance structures may hinder adaptation to climate change impacts.



## SCIENTIFIC STRUCTURE



● 8 universities (● project coordinator)  
● 11 research institutes ■ 7 industry partners  
from 15 countries

## CERES WORKS ACROSS

### ... **sectors**

marine fisheries  
marine aquaculture  
inland waters

### ... **economies**

demersal and pelagic fisheries  
purse seine and longline  
on-bottom and suspended cultures  
sea cages and coastal ponds  
semi-intensive and extensive farming  
inland aquaculture

### ... **regions**

from high latitude oceans to the Mediterranean Sea and European inland waters

### ... **species**

top economic targets e.g. small pelagics, gadoids, flatfishes, tuna, salmon, seabass, mussels, oyster, clams, trout, carp as well as emerging species

