

## OCEANS AND HUMAN HEALTH (OHH)

OHH research seeks to unravel the links between the health of the ocean and that of humans.

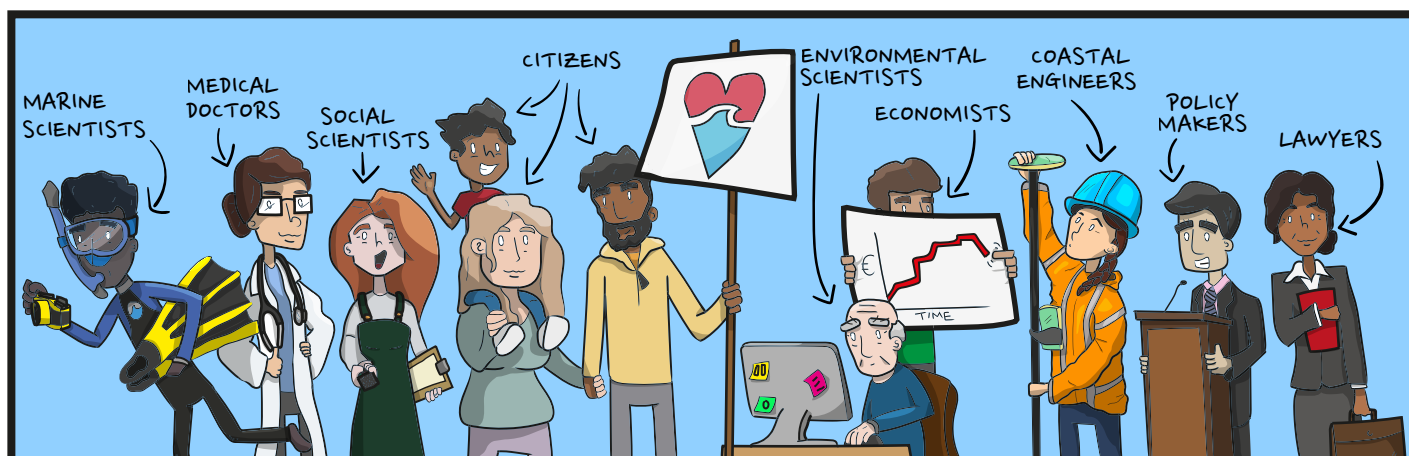
The impacts of the ocean on human health can be beneficial, such as those from food, recreation, renewable energy, and biomedical research...



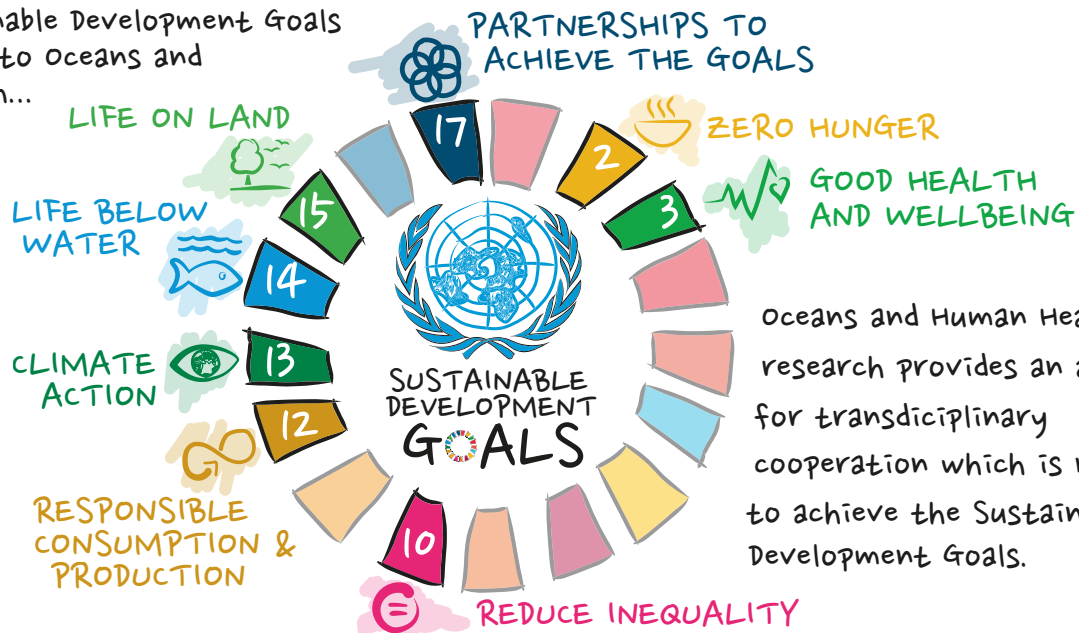
...but impacts can also be negative,  
such as those associated with floods, storms, and pollution.

**THEREFORE:** human activities which impact the ocean in turn impact human health.

The study and practice of Oceans and Human Health requires collaboration  
across many backgrounds such as...

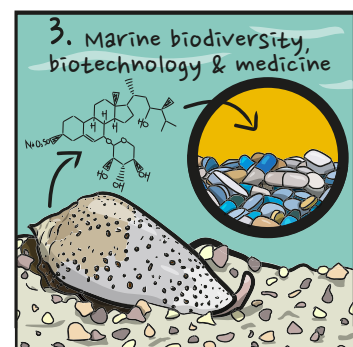
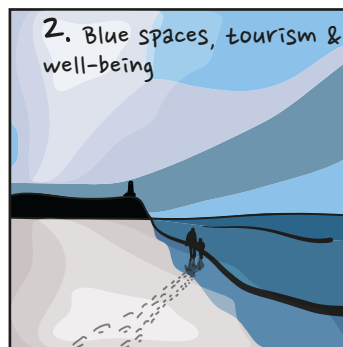


Many Sustainable Development Goals are relevant to oceans and Human Health...



Oceans and Human Health research provides an avenue for transdisciplinary cooperation which is needed to achieve the Sustainable Development Goals.

The Seas, Ocean & Public Health in Europe (SOPHIE) project set out three target action areas for Ocean and Human Health research...



## ACTION AREA 1

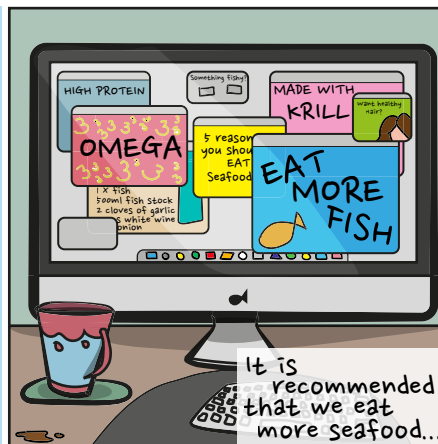
### Sustainable seafood & healthy people

#### KEY RESEARCH NEEDS

What are the impacts of pollution & climate on marine food sources?

How can management adapt to changes in seafood distributions?

How can we ensure food quality and sustainable access for consumers?



## ACTION AREA 2

Blue spaces, tourism & well-being

### KEY RESEARCH NEEDS

Demonstrate and quantify the positive impacts of blue spaces.

What pathways and mechanisms lead to positive health outcomes?

What are the environmental impacts of increased human use of blue spaces?



### VISION:

Improved individual & community physical & mental health & well-being through enhanced interactions with healthy and sustainably managed blue spaces.

## ACTION AREA 3

Marine biodiversity, biotechnology & medicine

### KEY RESEARCH NEEDS

Better understand marine ecosystems and develop strategic approaches to biodiscovery.

Develop new technologies to overcome bottlenecks in the biodiscovery pipeline.

Improve our understanding of marine species and their biomedical properties.

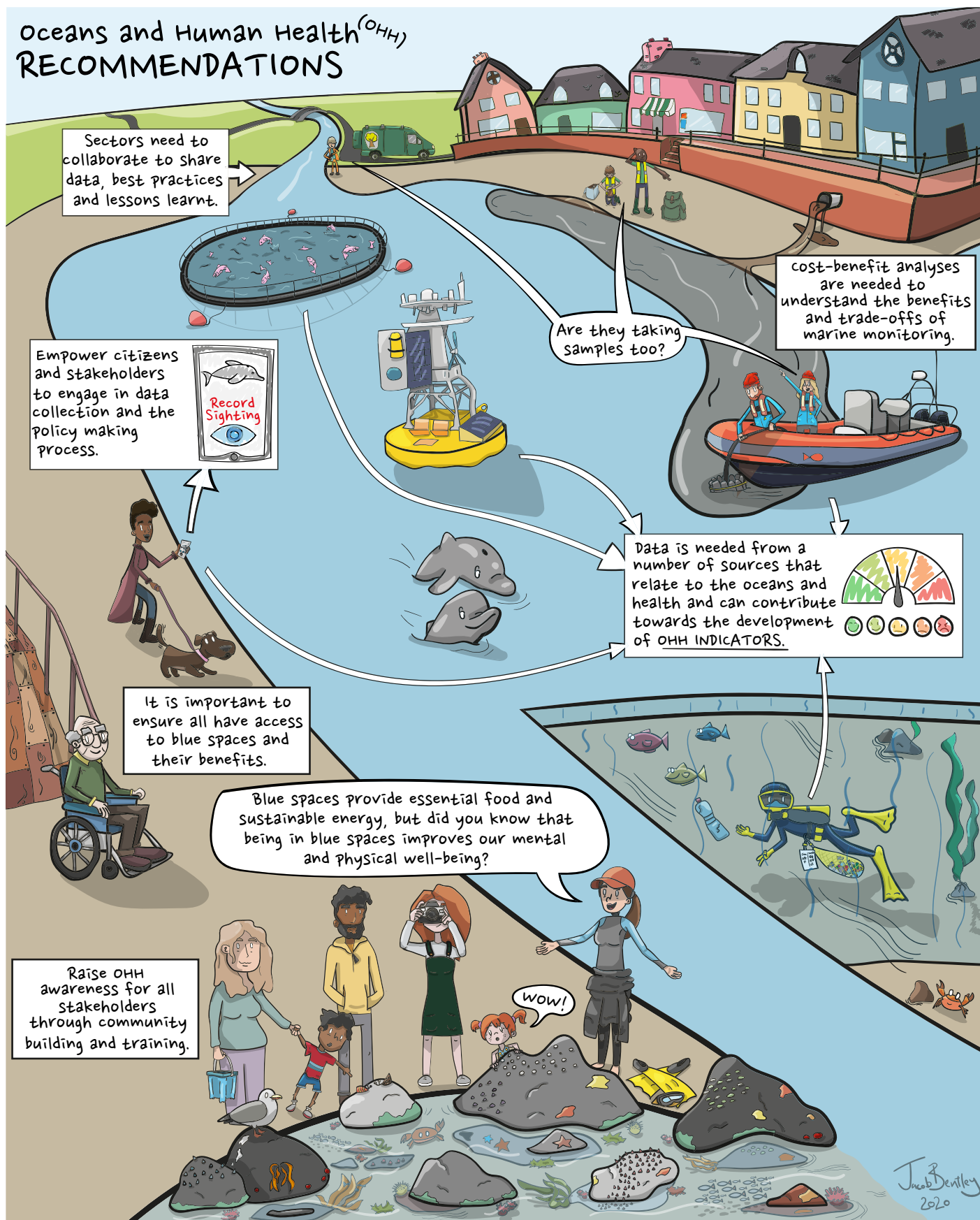


### VISION:

Explore, identify & obtain provisions for biotechnology, medicine and disease prevention, while demonstrating the importance of marine biodiversity and its protection.



# Oceans and Human Health<sup>(OHH)</sup> RECOMMENDATIONS



European  
**MARINE BOARD**  
Advancing Seas & Ocean Science



Seas, Oceans & Public  
Health in Europe <sup>(SOPHIE)</sup>  
Linking oceans and health research



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Illustrations by Jacob Bentley  
bentleyillustration@gmail.com