

Wild Oysters Assembly





Supported by players of Awarded funds from
PEOPLE'ST
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Working together to recover self-sustaining populations of native oysters in UK seas

The Wild Oysters Project scientists















PROJECT MANAGER (ZOOLOGICAL SOCIETY OF LONDON)

Women in science

in the Wild Oysters team!

PROJECT ASSISTANT (TYNE & WEAR)

PROJECT ASSISTANT (FIRTH OF CLYDE)

SENIOR RESTORATION PROJECT MANAGER (BLUE)

ONSTERS

*WILDOYSTERS

MILD

PROJEC

LOCAL PROJECT OFFICER (CONWY BAY)

What does the sea mean to you?



Home to more than 90% of life on the planet

Capable of absorbing a third of CO₂ emissions!

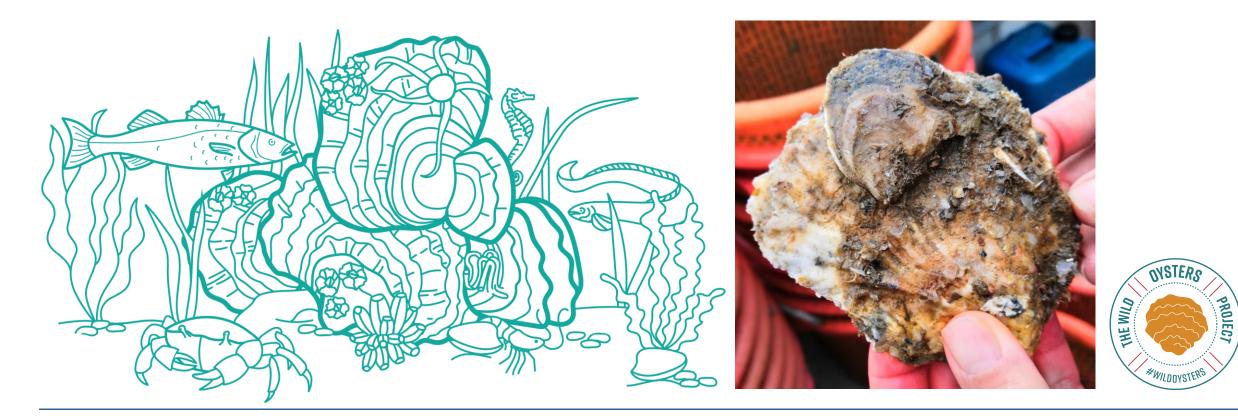


What is happening to our seas?

(Over)fishing Plastic Pollution Sewage Habitat destruction/Trawling Ocean acidification (due to climate change) Deep sea mining

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Oysters & why are they important for the health of our oceans?





Oyster facts!

Oysters are <u>molluscs</u>, like snails.

But..... we call them <u>bivalve</u> molluscs as they have <u>two</u> <u>shells instead of one</u>.

Only <u>one</u> species of oyster that is <u>native</u> to the UK

- the European native oyster (Ostrea edulis).

They live in <u>large groups that **form reefs**</u>, a bit like coral reefs!





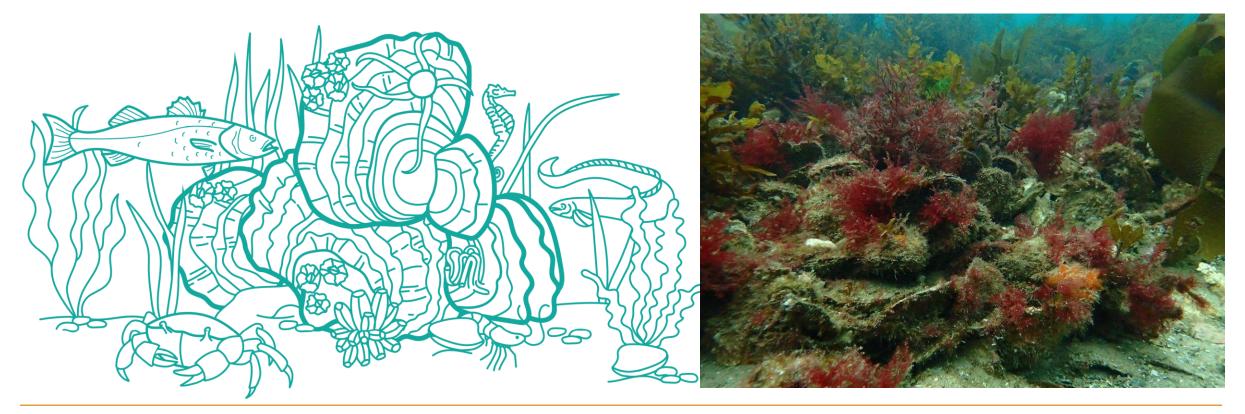
Native oysters form **reefs...**

...which are as complex and biodiverse as coral reefs!

> ONSTERS PROJECT WILDDYSTERS

Ecosystem engineers

Habitat = a place where an organism lives Community = all the living things in a habitat Ecosystem = a habitat and all the living things in it



Biodiversity = variety of life





© Luke Helmer

Biodiversity = variety of life





Oysters also provide other animals with <u>shelter</u> and <u>a place to live</u>.

Oyster reefs are made up of lots of oysters all living on top of one another, with spaces in between, which makes a really good home for other animals!









AND PROVIDING HABITAT FOR LOTS OF OTHER SPECIES



Just one small oyster can filter 200 litres of water in just one day – / e that's a the same as a bathtub! er

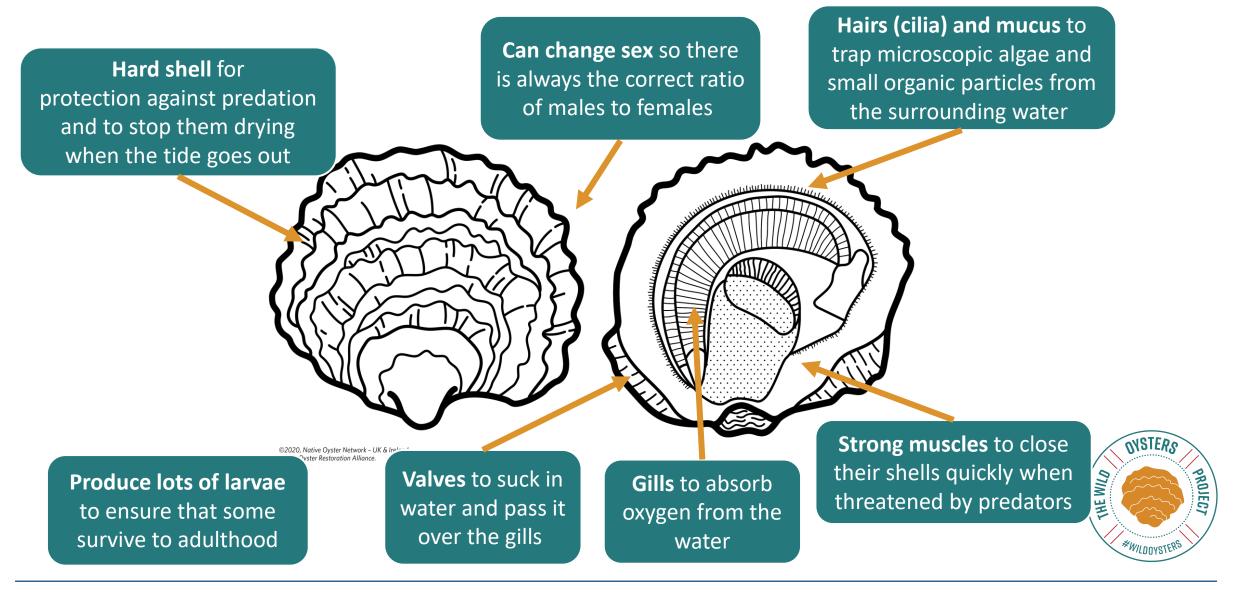
Imagine what a whole reef could do!

OYSTER FILTERING





Oyster adaptations





Mozambique

Mozambique women collect oysters from the seashore as a social activity and sell them at market





Whitstable in England there is still an oyster festival every year – Oyster King and Queen!



Source of food and money, as well as being part of the local culture





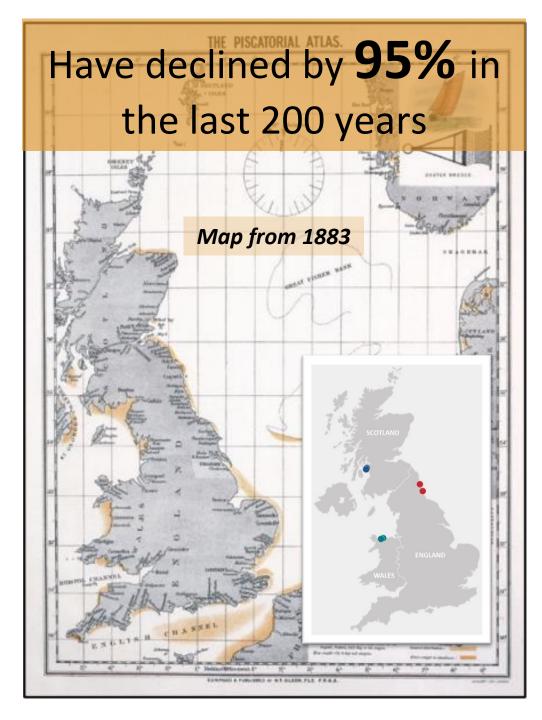


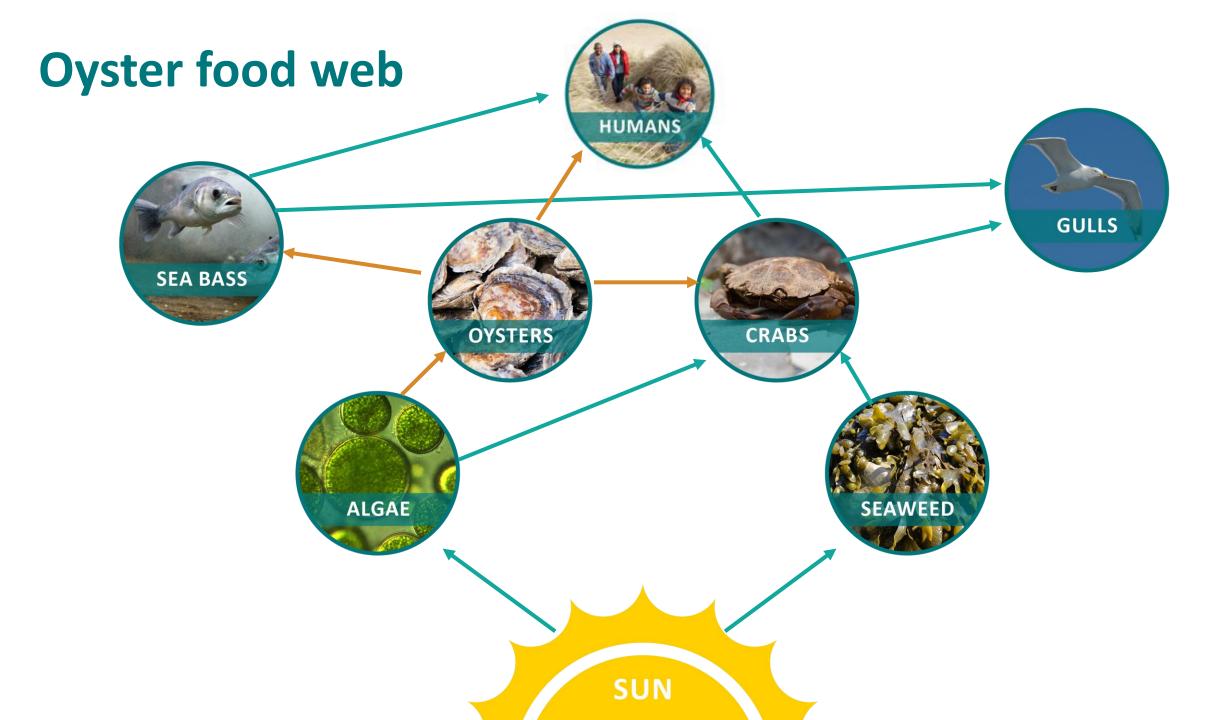
Oysters have now practically disappeared due to - overharvesting, pollution and habitat loss.

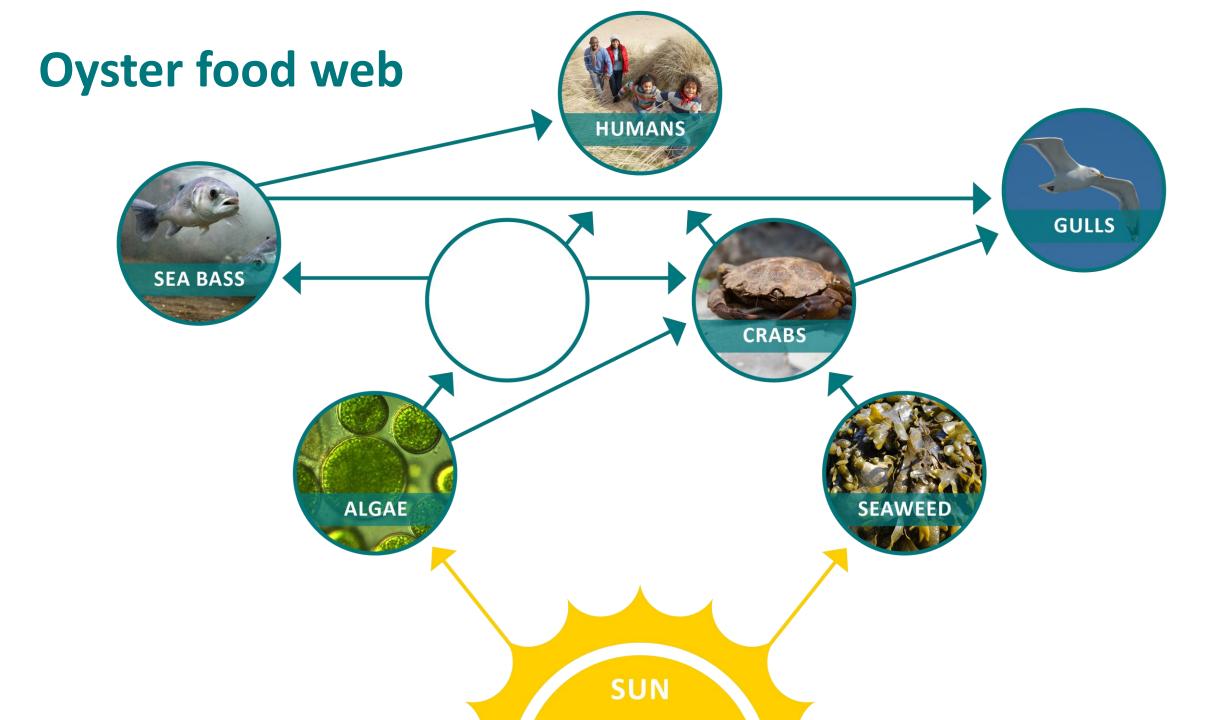


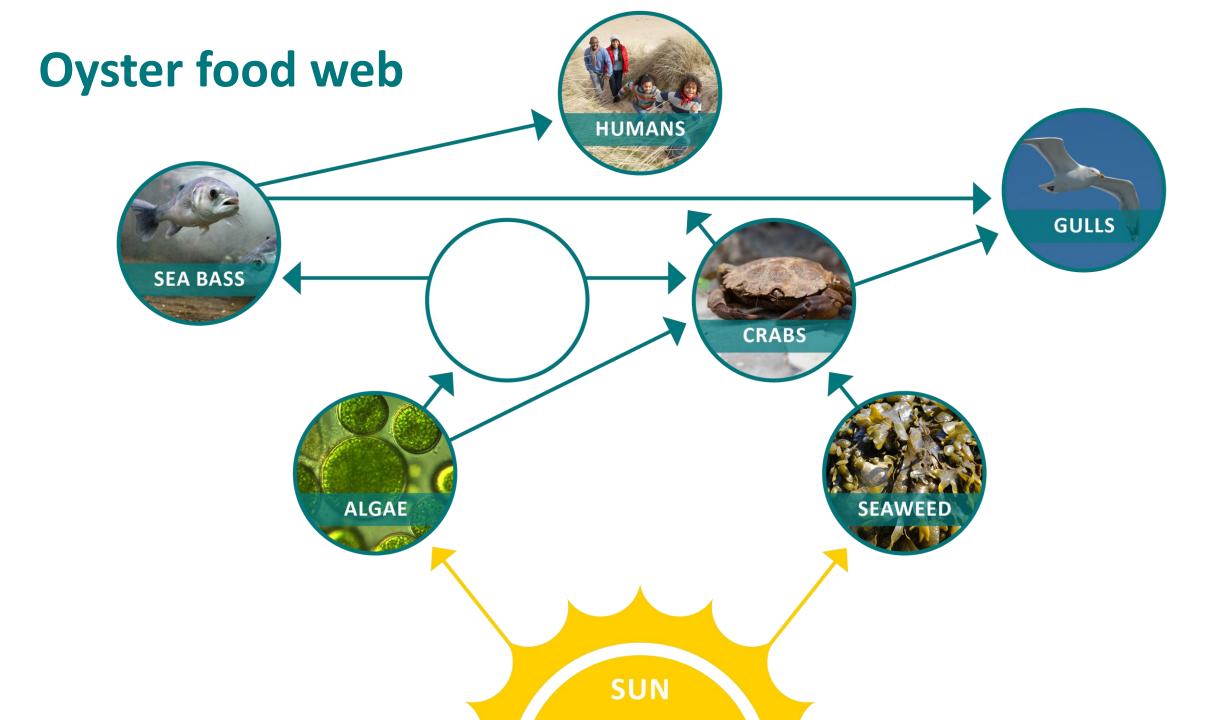
Oyster day in 1835- the arrival of the first oysters of the season at Billingsgate fish market. Oysters were a staple part of their diet as they were so cheap – around 4 for 1 penny.

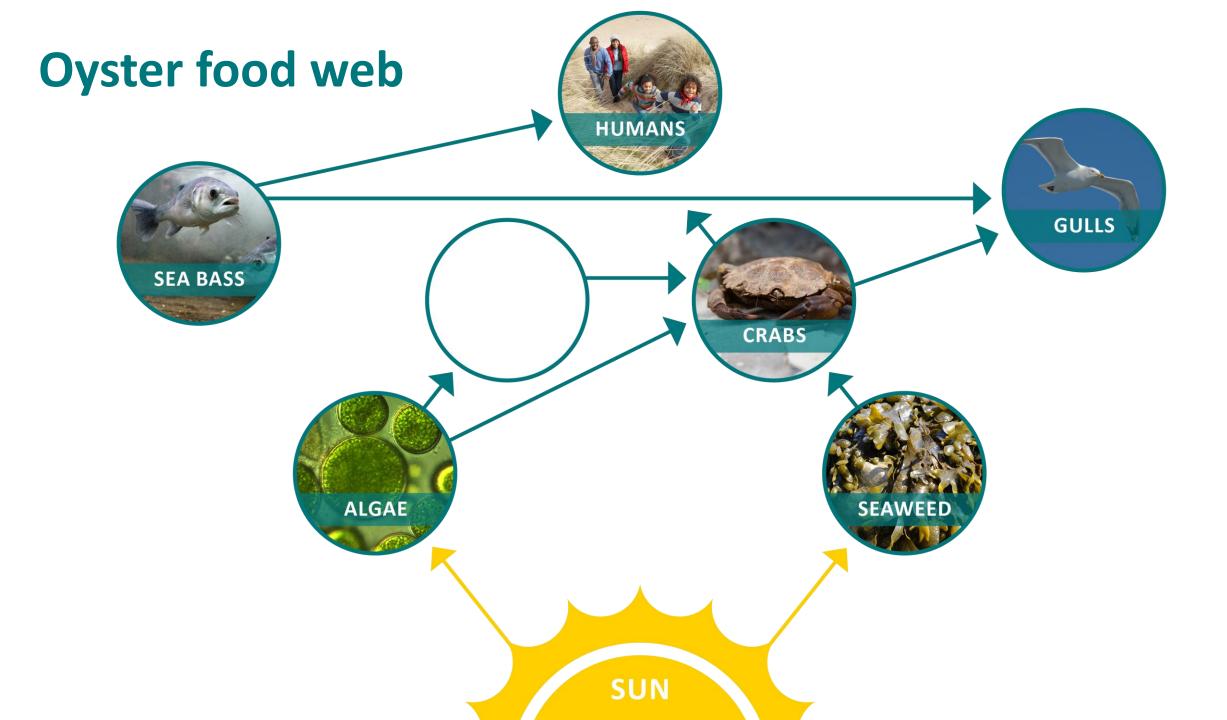


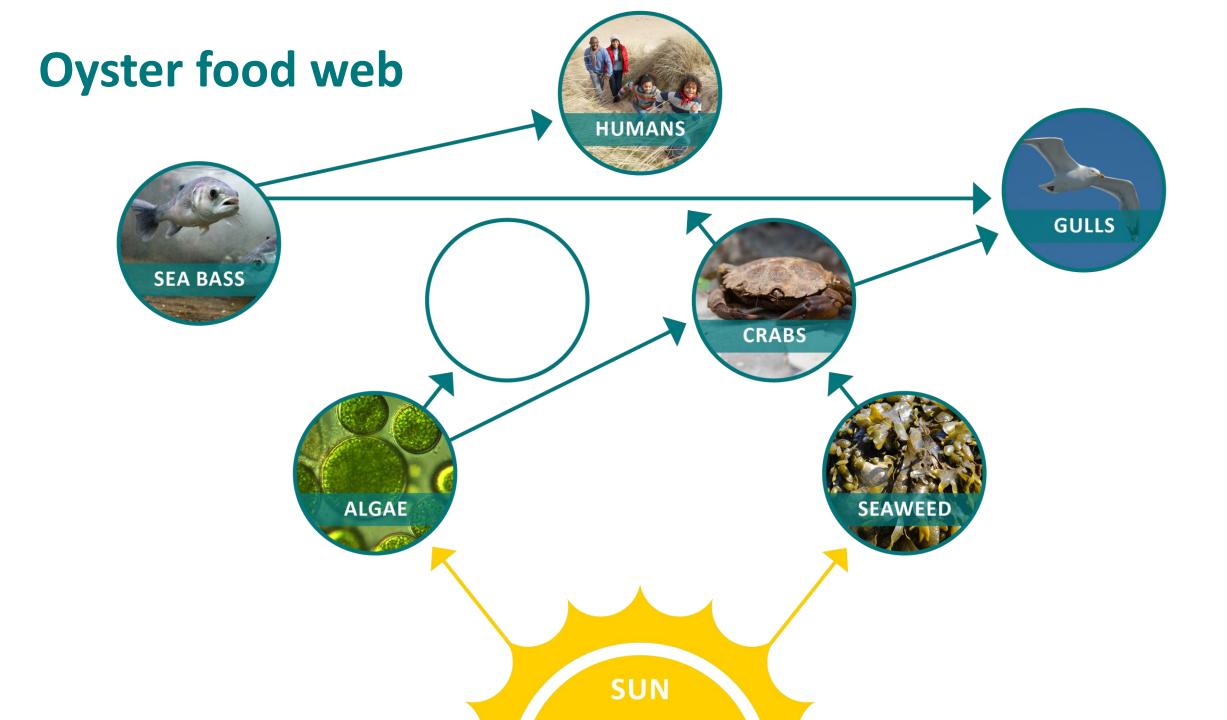


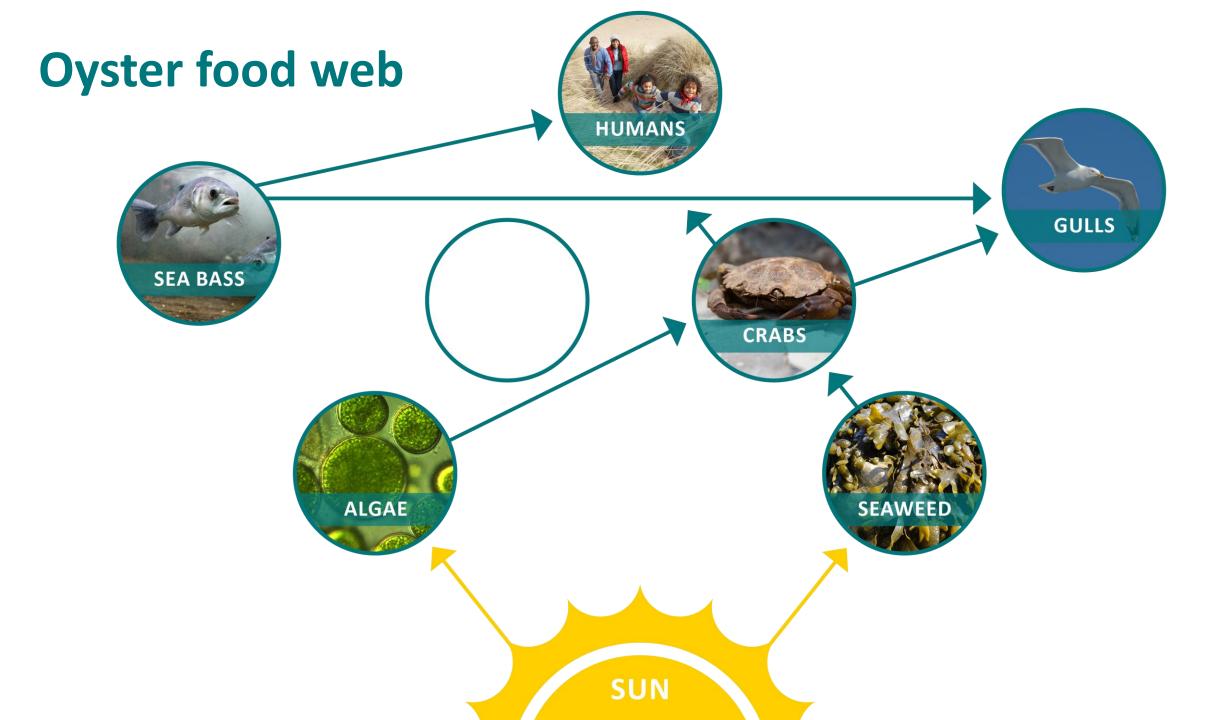


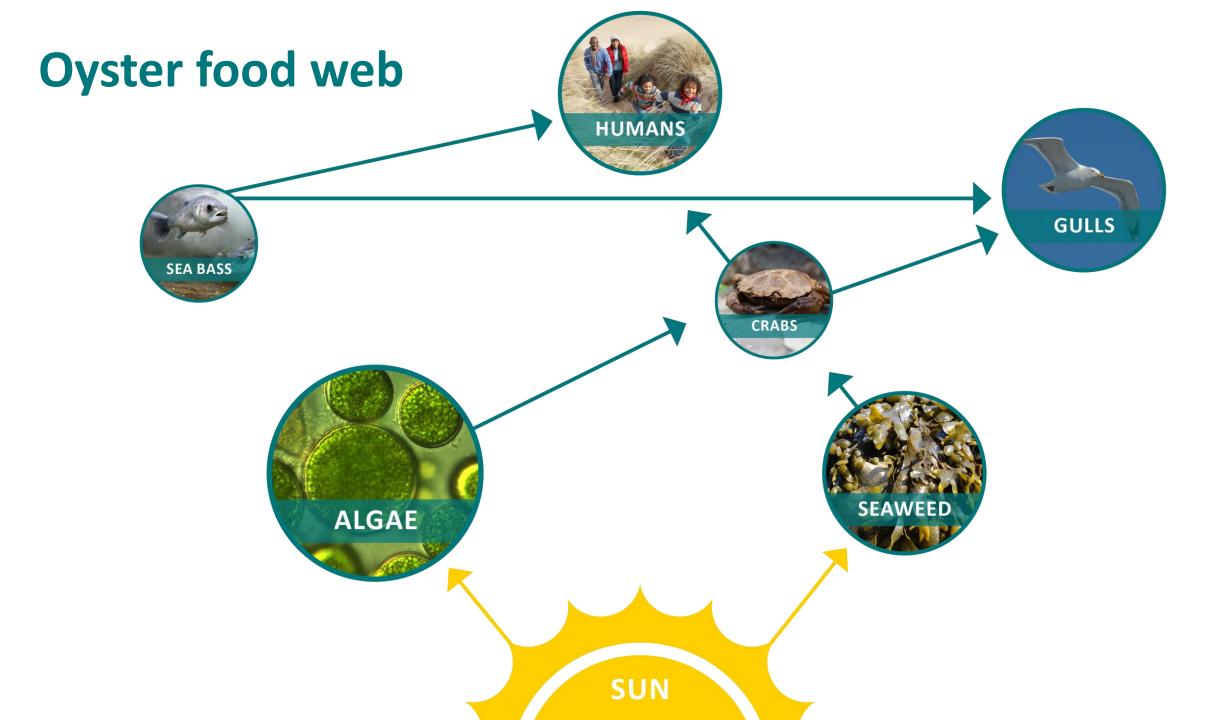












Amazing Oysters need our help...





...they are on the path to extinction.

Marine scientists like the me are helping to put oysters back in different areas of the UK and Europe.











Projects like Wild Oysters are helping to put oysters back!

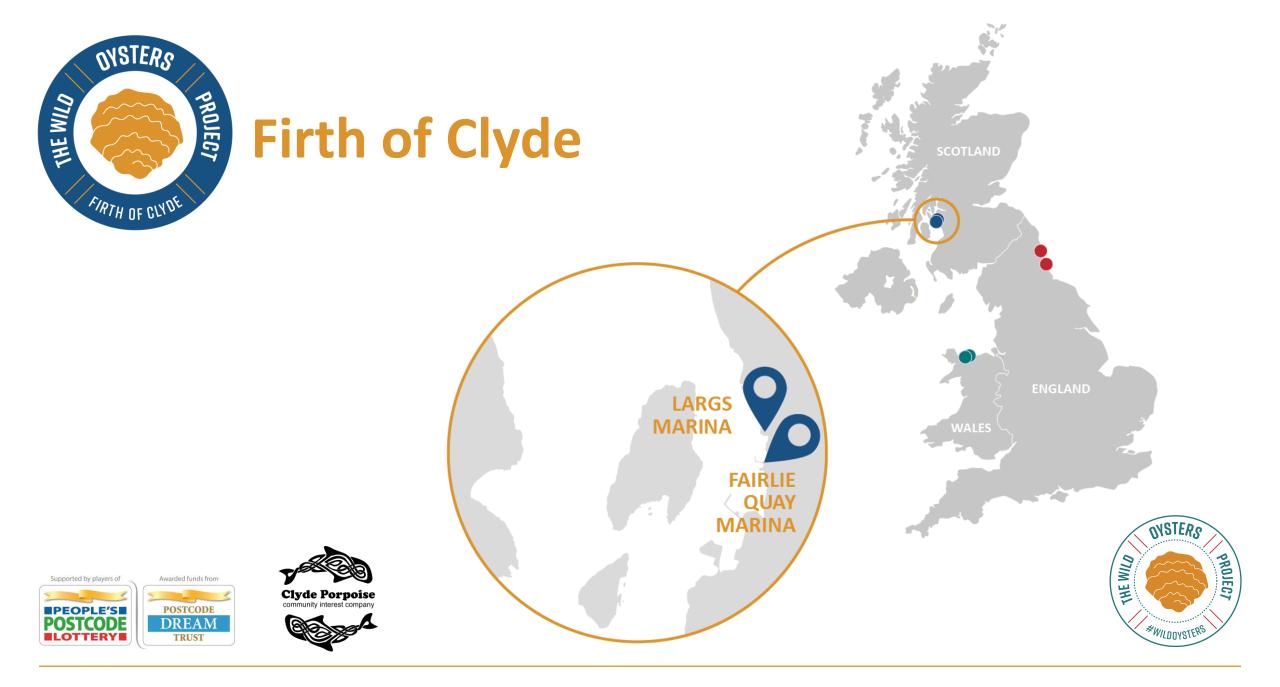


Wild Oyster Project locations

With the support of our local delivery partners, we have established three restoration hubs across the UK to recover the native oysters and the services they provide.



PROJE







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How can you help?

Reduce waste= especially plastic waste – so that it doesn't end up in the environment



Help clean up your local area = Recycling with your family at home Organising a beach clean-up





Get involved and volunteer at local Wild Oysters project



Share fascinating facts = about oysters and how important they are with others









Your Visit!





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