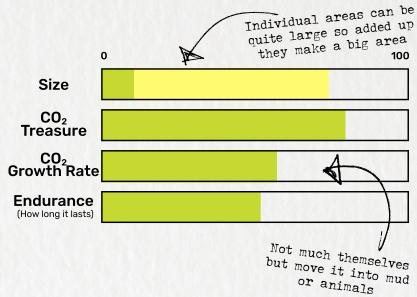




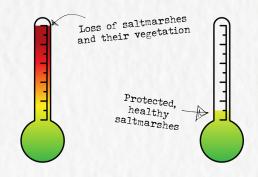
# EERO PROFILE



### POWER FEATURES.



### CLIMATE CHANGE INDICATOR.



#### HISTORY.

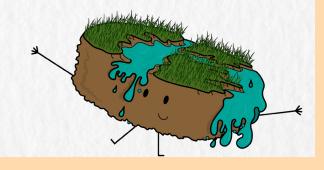
Working at the point where land and sea meet, this super wet hero has taken years to grow, facing many challenges to lead a team of heroes in a difficult place to work. Fighting hard to support the other heroes in their protection role.

# THREATS/VULNERABILITIES.

Pollution (coming from the land and the sea)
Building (developments at the coast)
Removal (being dried out for growing crops)

TEAM MEMBERS.

Mudflats Reeds Seabed







They are found where land is flooded by the tide twice a day, usually at the estuary of a river.

They have deep mud which is created by a build up of dead plant materials and the sediment carried by the river.

Saltmarshes are found all along the coast of the UK.

They are really important habitats for wading birds, many travelling a long way to feed at them.





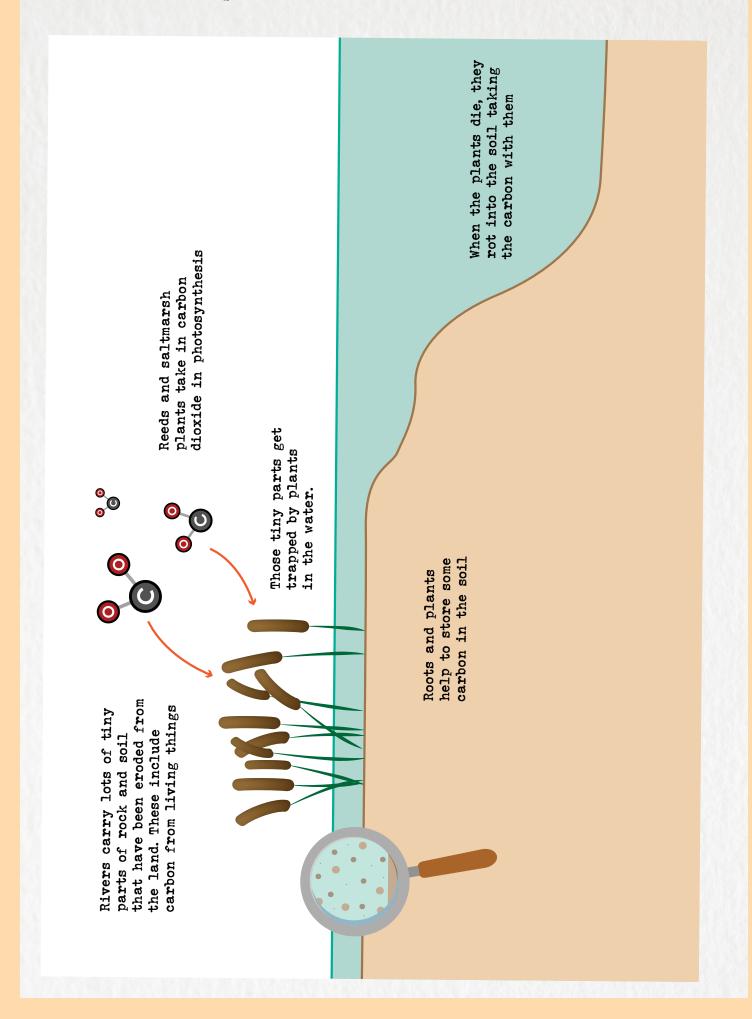
Reedbeds can be found around the UK (seen here in dark grey)

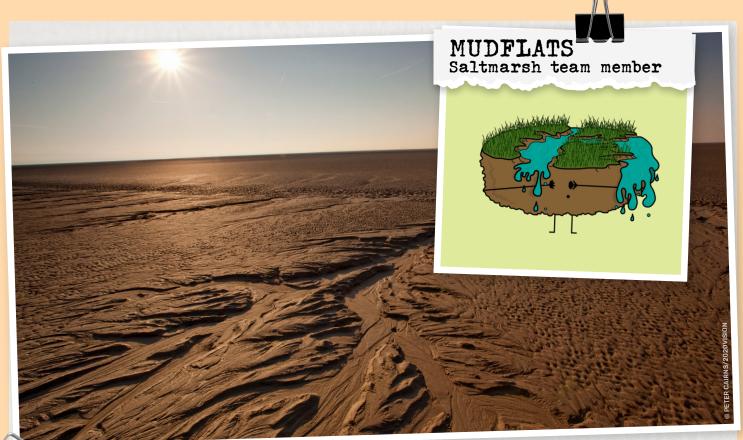
They are made up mostly of one species of reed which grows in the slightly salty water and deep mud in rivers.

They are home to some great birds like reed warblers, reed buntings and this bearded reedling (also known as the bearded tit)



# How do saltmarsh and reedbeds help take carbon from the atmosphere?





© TOBY ROXBURGH/202 ovision

Mudflats are covered at high tide and uncovered at low tide.

They can also be found on a

They are found on 1130 estuaries in the UK.

further 1160 large bays and inlets along the coast!

The mud is full of life like these cockles. This makes them very important habitats for birds.

They are made of very deep mud — they can be very dangerous to humans!







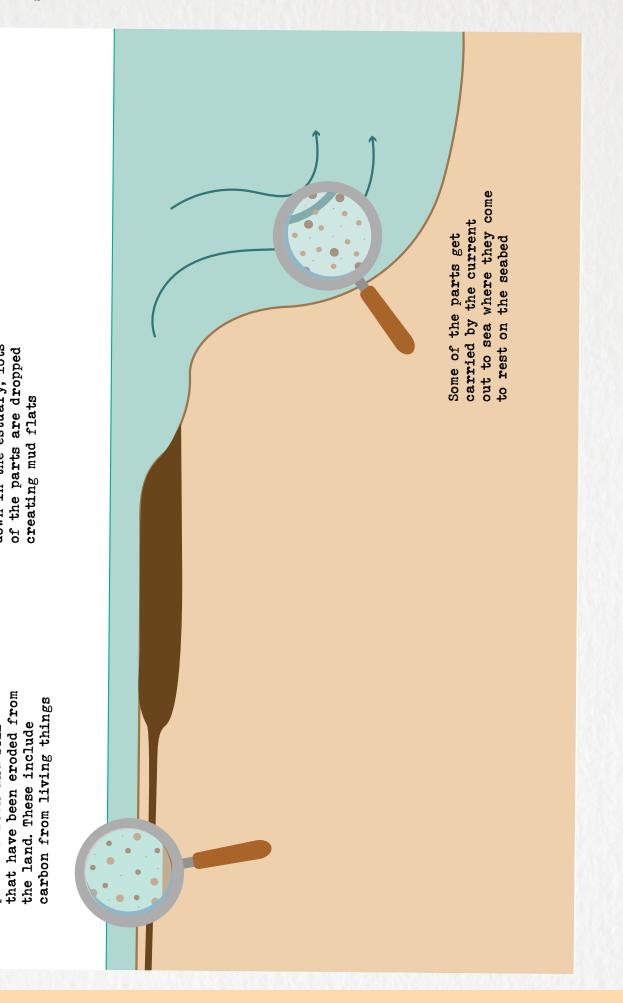
Around the UK, there are some shallow seas before it gets really deep in the Atlantic ocean.

There are lots of different habitats on the seabed around the UK.

Anything that dies in the ocean may fall to the ocean floor in what scientists call "marine snow".



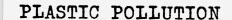
How do mudflats and the seabed help take carbon from the atmosphere?



down in the estuary, lots

Where the river slows

Rivers carry lots of tiny parts of rock and soil





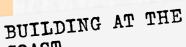


SOIL EROSION



SEWAGE







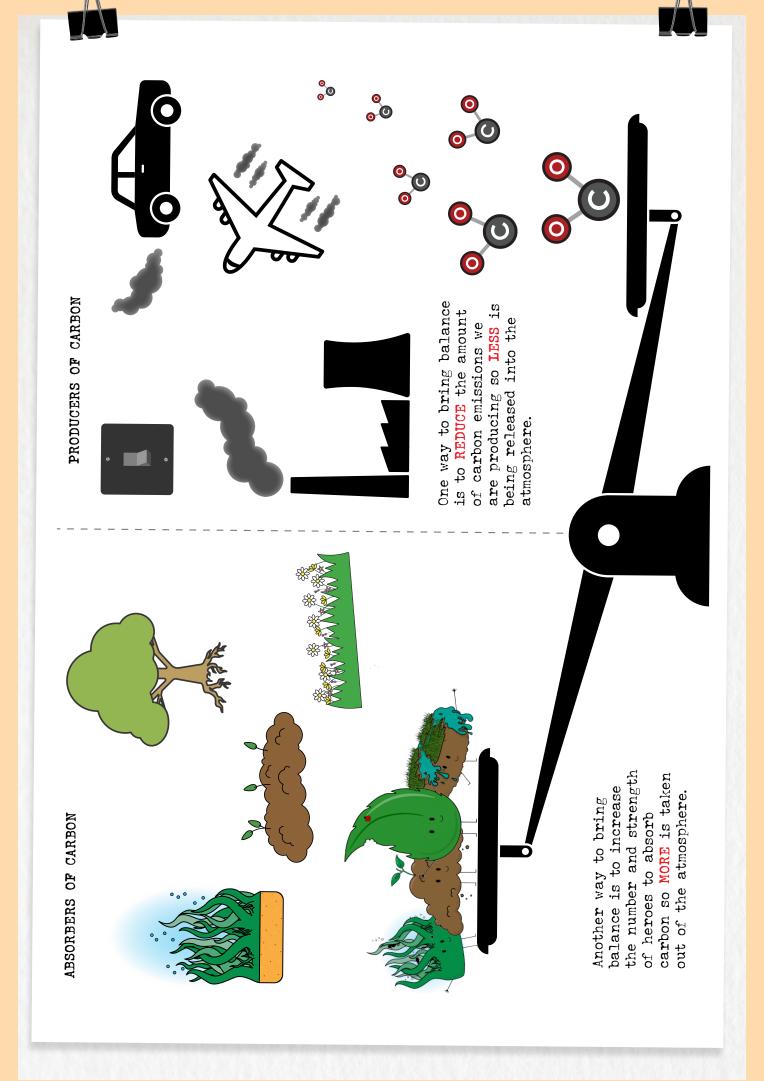




LAND POLLUTION



POLLUTION AT SEA



How can I help?
Who can I influence?



# Some ideas to investigate:

How? Assembly? Noticeboard? Webpage? Letters? Newspapers? Videos? Posters? Leaflets? Support Campaigns?

# Other sources of information



## Habitats

kids.kiddle.co/Salt\_marsh

wildlifetrusts.org/habitats/ wetlands/reedbed

rspb.org.uk/fun-and-learning/ for-kids/facts-about-nature/ facts-about-habitats/ estuaries-and-mudflats/



## Water Pollution

kids.niehs.nih.gov/topics/pollution/water/river-stream/ index.htm



## Plastics

plasticfreeschools.org.uk/

lessplastic.org.uk/9-waysto-reduce-plastic-in-yourschool/