

Sea Change

The seas around us are changing

Climate Change is now known to be one of the most important factors influencing the marine ecosystem. Scientists have been aware of global warming for decades and have been working to understand what is happening now and to predict its future effects.

What they are seeing are rising sea temperatures, changes to water chemistry and variations in ocean currents and weather patterns. These changes are happening faster than ever before and are set to continue.

Fishing technology is changing

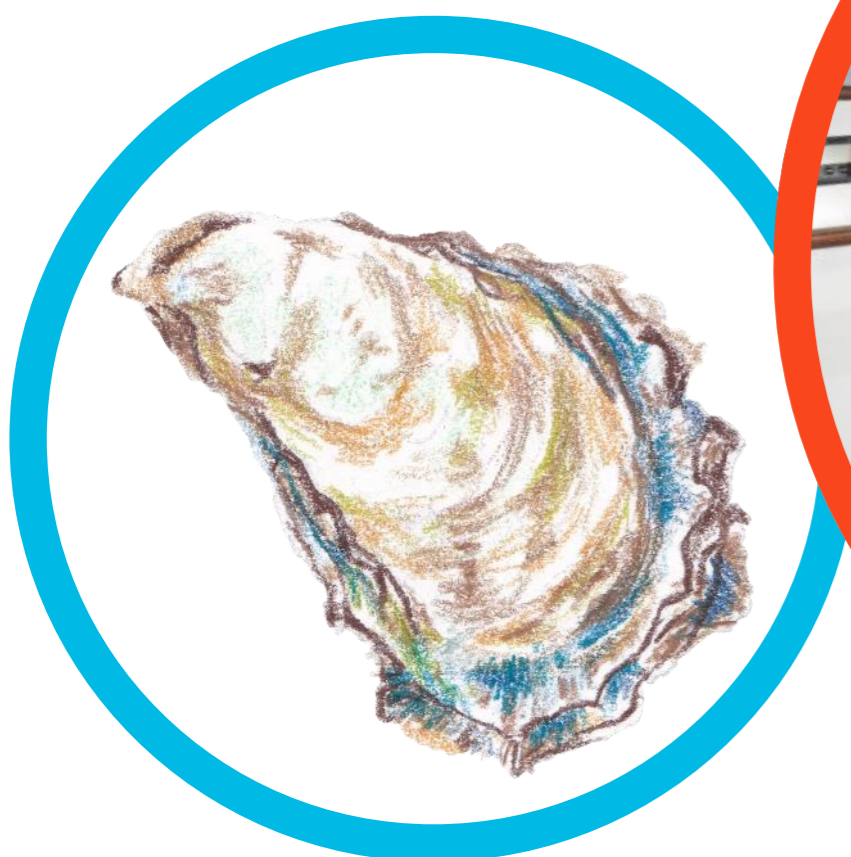
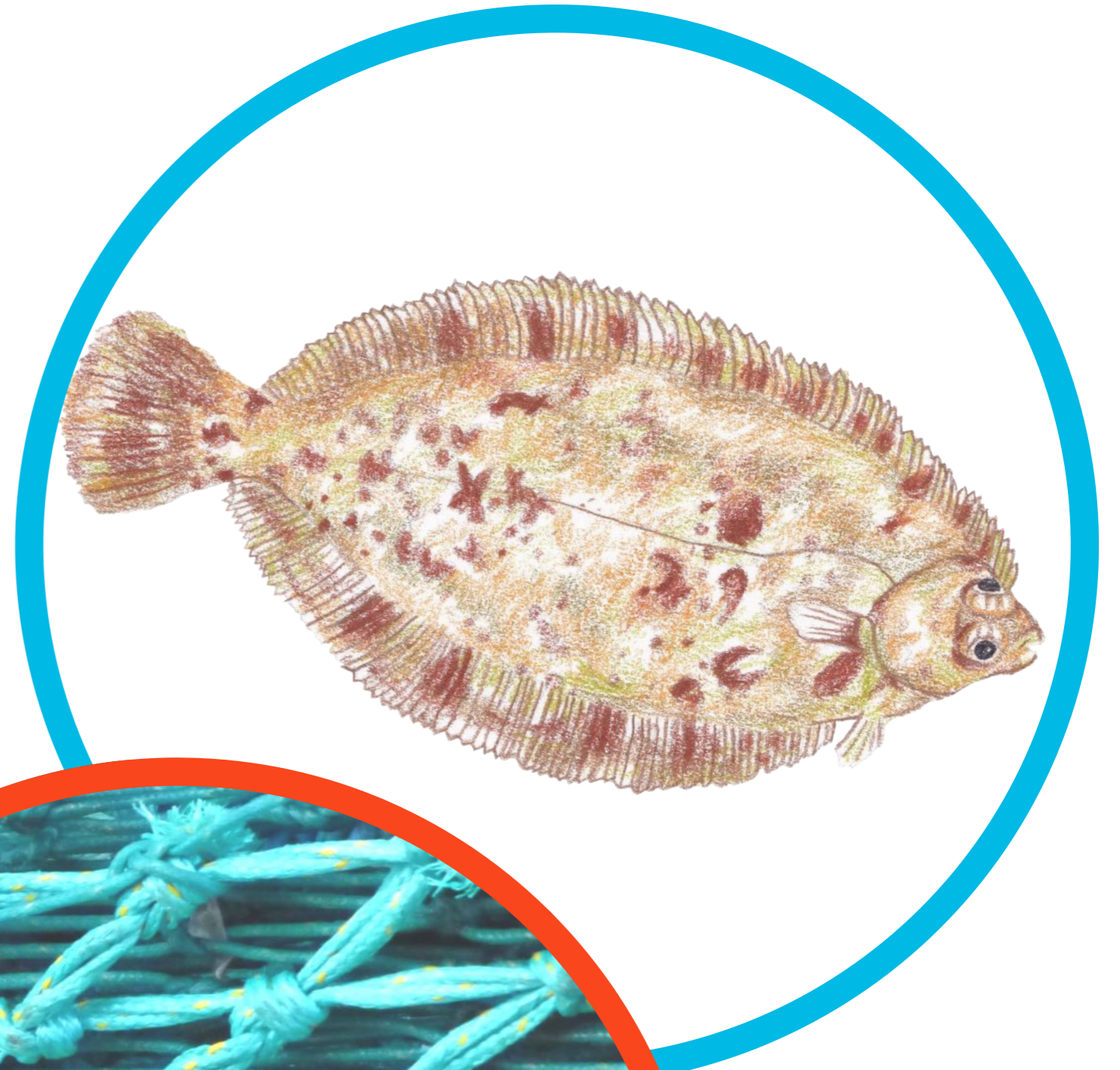
Many fish species, and the food they rely on, are reacting to the extraordinary changes. Fish are moving to new areas, changing the balance of species. This means that the Scottish fishing industry also needs to change to adapt to shifting ecosystems.

Exceptional advances in technology will be needed to create sustainable fisheries for the future.

How we use the seas is changing

Pressure on the sea is greater now than ever: we use the seas to transport our goods around the world, to generate energy (either by fossil fuel extraction or using wind and wave power), and for leisure as well as for fishing.

The seas are affected by all of these competing activities in ways that we are only beginning to understand.



Oceans are essential to life on Earth. They cover more than 70% of the planet's surface, regulate the climate, and supply the oxygen we need to survive.

Marine Stewardship Council



Where will the seas be in 50 years' time?

This exhibition looks at the latest scientific research and fishing innovations to try to predict the future state of our oceans, asking: how we will choose to use the sea and who will decide?



Images: Claire Corrigan, Dave Linkie, Marine Scotland

how do we safeguard the future of our seas?