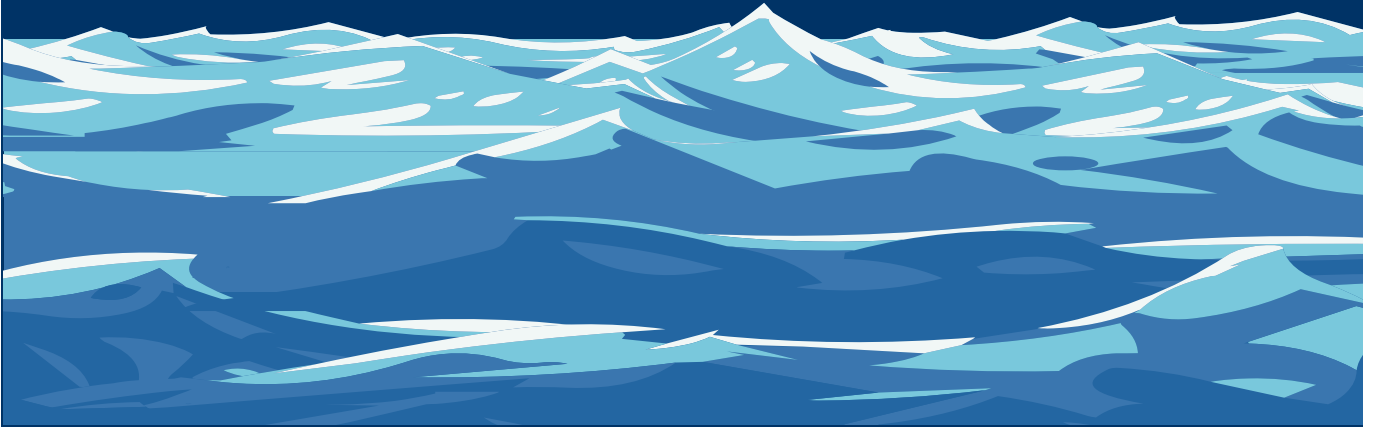


DID YOU KNOW? FACTS ABOUT
THE OCEAN



marine scotland

***The oceans provide 97%
of the space occupied by
life on Earth***



The air delivers our weather, THE SEA DELIVERS OUR CLIMATE



More heat is stored in the top 5 m of the ocean than in all the Earth's atmosphere, and around 25% of the heat input to the UK is first absorbed by the surface waters of the North Atlantic.



STORM WARNING

UK scientists have taken information on tides and weather, and used them in maths equations to be able to give us warnings on coastal flood events two days in advance!

SMART BUOYS

UK-designed 'smart buoys' provide rapid detection of environmental change in shelf sea waters with satellite-based data transmission.



DEEP WATER FISHES

Fishing is moving into deeper waters where fish grow and reproduce more slowly.

Some species like orange roughy can live to 100 - 150 years old.





The UK has the largest wave, tidal and offshore wind resources in Europe. Such energy sources could potentially provide 15-20% of UK electricity.

*There are nearly
5,000 kms of active
telecommunications
cable in Scottish seas -*



*the same as a return
flight from Scotland
to Moscow in Russia.*

Link to the Marine Scotland **EDUCATION ZONE to find out more!**

- **View the complete Marine Atlas**
www.scotland.gov.uk/marineatlas
- **Explore interesting and fun websites**
www.scotland.gov.uk/Topics/marine/education/websites
- **Download free posters**
www.scotland.gov.uk/Topics/marine/education/atlas/Posters
- **View the Marine Atlas video – we've even included the script so you could even make your own version!**

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**The Scottish
Government**

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