WATER ISLIFE

Water is the most vital resource for life on Earth, no living thing exists without it. Essential for photosynthesis and basic cellular function, the nature of water shapes our existence, while the planet's oceans shape our environments and landscapes, influence our climate & weather systems and enable the rise and fall of civilisations. Pale Blue Dot is their story. The story of their scale and majesty, their biodiversity and potential, the threats they face and how we must and can protect one of the most precious habitats on Earth.

The cause of all that blue on our Pale Blue Dot? The enabler of all that life? It's is all down to a simple molecule, H2O; two hydrogen atoms joined to a single oxygen atom.

The ocean absorbs

25% of the world's CO2

of the world's oxygen is created by the ocean

LUNGS OF THE EARTH

We often hear rainforests called the lungs of the Earth, but while they may produce up to a quarter of atmospheric oxygen, a lot of it is consumed by the rainforests as organic matter degrades. Most of our atmospheric oxygen actually comes from the ocean.

The algae and cyanobacteria in the oceans may be small but they are abundant and help provide us with around our daily 500 litres of oxygen, without which we wouldn't be able to survive.

represent 070/o
of the Earth's

of all-life on Earth

Space, and

arehometo

OUR BLUE PLANET