



National
Oceanography
Centre

PROTECTING THE OCEAN TO PROTECT OUR FUTURE

JOIN THE NOC OCEAN ALLIANCE



THE NATIONAL OCEANOGRAPHY CENTRE

As a world leader in ocean research, technological development and education, and now an independent research institute, the National Oceanography Centre (NOC) has pledged to discover and share the solutions needed to protect our oceans, our planet and our futures.

Our scientists are working with experts across different fields and around the globe, driving recognition of the linkages between the ocean, climate change and biodiversity loss and helping to create an ocean that is clean, safe and sustainable.

Our research is already recognised both nationally and internationally for its quality and impact. UKRI's 2021 independent centre evaluation^{iv} found that 99% of the NOC's work was considered internationally significant for research excellence and 100% for impact excellence, demonstrating our teams achieve scientific breakthroughs that deliver real impact.

Beyond the international scientific community, the NOC also shares the significance of research findings to the UN, governments, global industry and developing nations to empower their decision making and actions.

Our new independence allows us to unite with new partners. Individuals, companies and charitable foundations have an important role to play in understanding our changing ocean, so as a collective we can play our part in helping to restore it.



HUMANITY HAS NO BETTER FRIEND ON THIS PLANET THAN THE OCEAN.

It provides more than half the oxygen we need to breathe. It acts as a transport route for much of the world's commerce and most of the world's internet traffic is through undersea cables. Our seas supply food that helps sustain more than 3 billion people, many in the world's poorest countries. In the race to tackle the climate and nature emergency, the ocean is our greatest hope. It absorbs over 90% of heat and almost a third of all carbon dioxide that humans have ever produced.ⁱ

However, despite the many gifts our ocean provides us, it is the friend humanity has taken for granted for far too long. We are now facing a dramatic decline in ocean health, with human activity affecting sea levels, temperature and the millions of species that call the ocean home.

THE PROBLEM AND THE SOLUTION ARE HUMAN. As the world reels from the COVID pandemic we have been reminded of the central role science plays in finding solutions to the planet's biggest challenges. To allow us to achieve sustainable development, good science is needed to inform Government policy, increase the knowledge of all stakeholders and ultimately deliver solutions to address the decline in ocean health.

Studies suggest that substantial recovery of the abundance, structure and function of marine life could be achieved by 2050, if major pressures are mitigated.ⁱⁱ

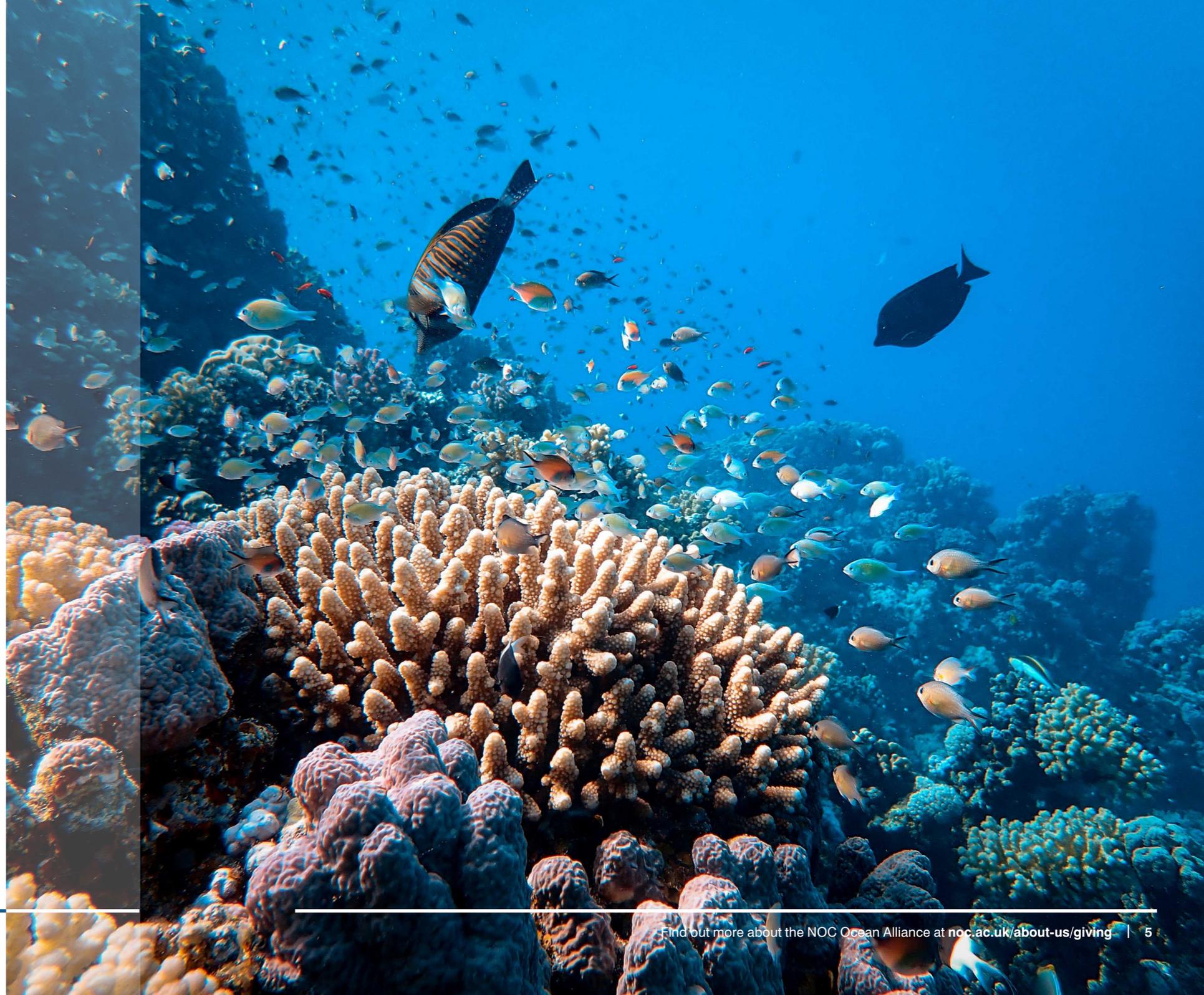
IF WE PROTECT THE OCEAN, IN RETURN IT WILL HELP US MITIGATE CLIMATE CHANGE.

Protecting and restoring ocean habitats such as seagrasses, salt marshes and mangroves can sequester carbon dioxide from the atmosphere at rates higher than terrestrial forests can.ⁱⁱⁱ As we reach a population of 9.8 billion by 2050 the ocean can form an essential part of food security, our economies and our wellbeing, but only if we understand and protect it. The ocean is central to our future. It's too important to neglect.

A CRUCIAL DECADE. The United Nations Decade of Ocean Science for Sustainable Development is providing a once in a lifetime opportunity for us to work together to generate the global ocean science needed to support a sustainable ocean economy.

The actions we take during this decade will determine the future of our blue planet and our civilisation. We can drive forward global action on the ocean, climate change and biodiversity, creating a clean and thriving ocean. Or we delay investing in the science and innovation we need and let our oceans continue to rapidly decline until it is too late to change course.

WHICH ONE WILL WE CHOOSE? The future of the planet and everyone that will live after us will depend on that decision.



4 WAVES OF OCEAN ACTION

The NOC Ocean Alliance is a collection of funds to focus on four key areas. Together, these funds will promote knowledge, innovation and the sustainable use of the ocean.

ADVANCE

Bringing scientific solutions to the world's most complex problems

INNOVATE

Using science and technology to fuel innovative solutions to create a thriving ocean economy for all

EMPOWER

Informing government policies, good corporate practices, and a step change in public awareness of the role the ocean plays

EDUCATE

A diverse world of future scientists to ensure the ocean regains and maintains its health

Joining the NOC Ocean Alliance allows you to have a direct impact on world leading ocean research and innovation. We have the existing scale and infrastructure to deliver the science the ocean needs. However, ocean science receives less than 1% of all philanthropic funding and to be able to succeed in our mission there is a need to leverage more financial support.

The strong commitment, trust and voice of NOC Ocean Alliance partners enable NOC to drive discovery and pursue bold new lines of ocean research in ways other funding types cannot. The scientific findings, innovations, empowerment and education your funding will generate will be felt on a global scale.

"When we use ocean science to understand the ocean and it's ecosystems we are in a better position to know how to not only preserve it, but also to manage it to ensure that it is protected for the future."

Professor Ed Hill CBE NOC Chief Executive

JOIN THE NOC OCEAN ALLIANCE

Whether your passion is combating climate change, conserving and protecting ocean life or equipping the next generation of marine scientists, supporting the National Oceanography Centre allows you to have a direct impact on world leading ocean research and innovation and helps ensure we continue to make global impact from the coast to the deepest ocean

If you would like to learn more about joining the NOC Ocean Alliance, and how we develop flexible and mutually beneficial partnership options that achieve your goals, please get in touch with our Partnerships and Philanthropy team.



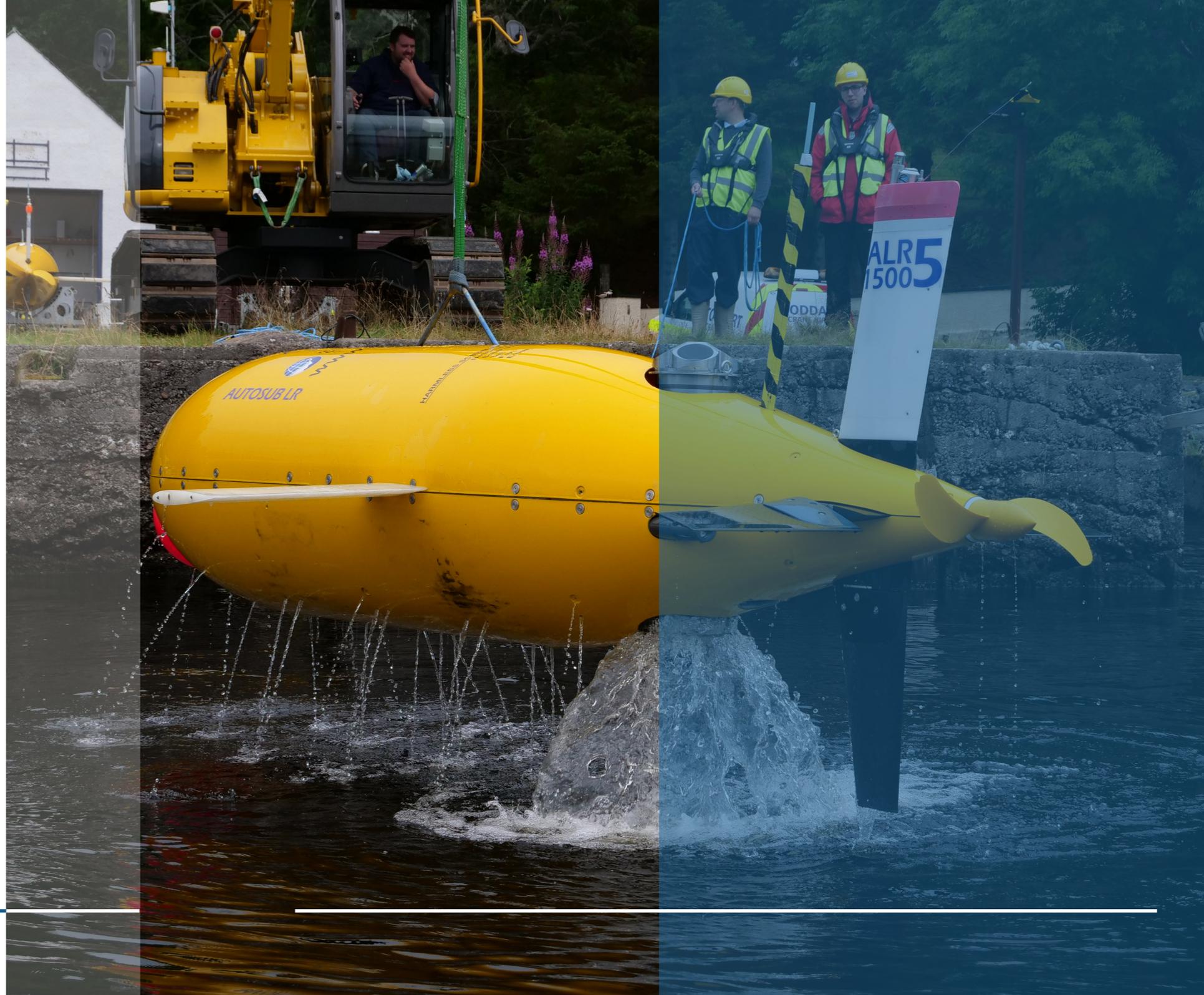
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National Oceanography Centre is registered as a charity in England and Wales, charity number 1185265, and in Scotland, charity number SC049896.

i NASA Climate Change: Vital Signs of the Planet

ii NATURE Rebuilding marine life

iii IUCN Issues Brief: Blue Carbon

iv UKRI Research centres are found to be 'internationally excellent'

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