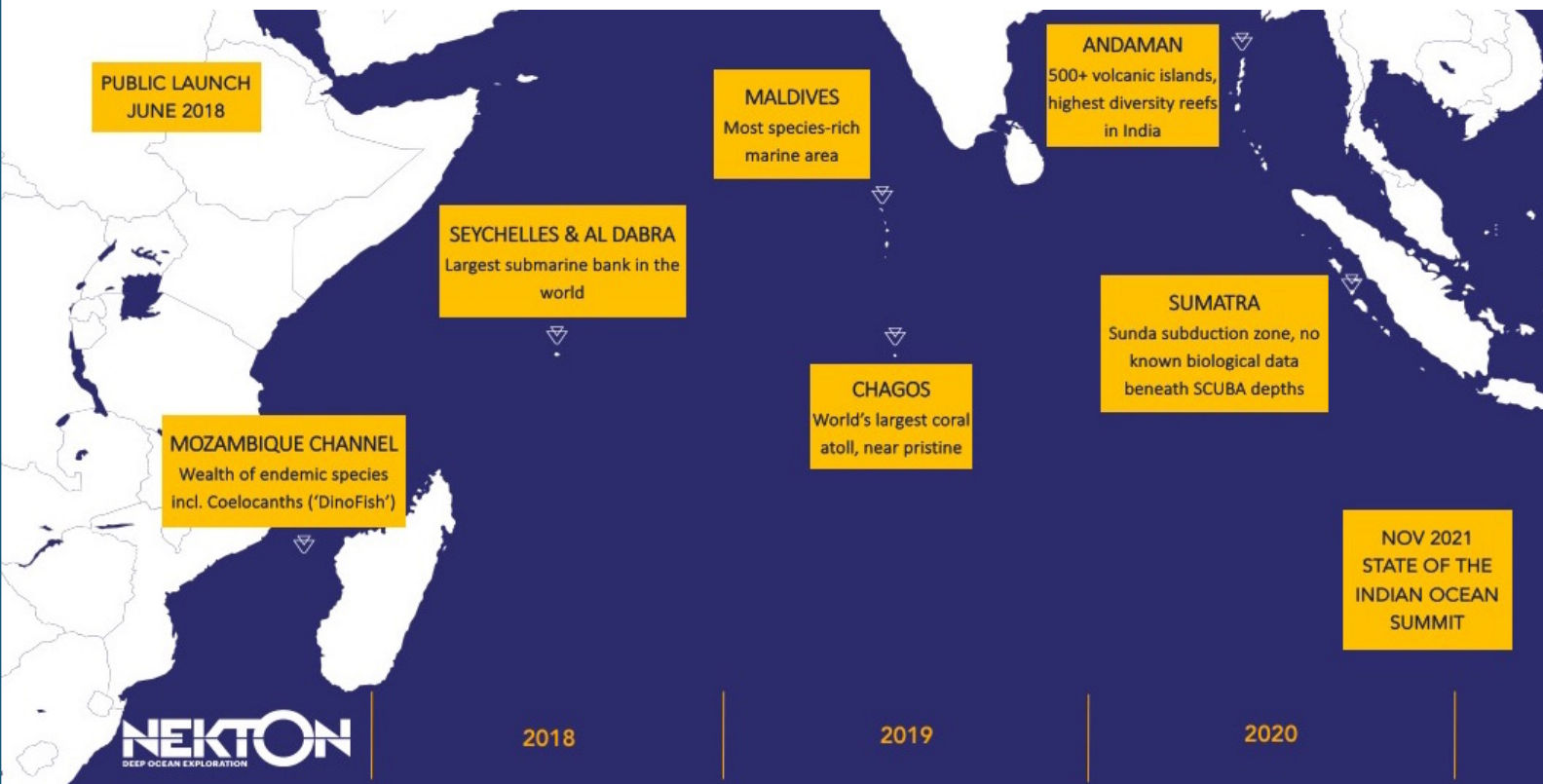




## COLLABORATE ON PIONEERING MISSIONS OF SCIENTIFIC EXPLORATION



### INDIAN OCEAN MISSION 2018-2021

The Nekton Oxford Deep Ocean Research Institute is undertaking 6 expeditions into Indian Ocean from 2018 to 2020.

The aim is to help create a step change in our knowledge of the Indian Ocean and galvanise its sustainable governance.

The Mission brings together an Alliance of world leading organisations across marine science, ocean policy, business, media, education and civil society. The Mission has been endorsed by the 2nd International Indian Ocean Expedition.

Proposed cruise dates and locations can be adapted to meet the needs of our partners.

**FURTHER DETAILS:** [www.nektonmission.org/mission-ii](http://www.nektonmission.org/mission-ii)

**INTRODUCTORY FILM:** [Nekton Indian Ocean Mission](#)

#### CONTACT

[Oliver Steeds](#), Chief Executive, Nekton

[Prof. Alex Rogers](#), Nekton Science Director, University of Oxford

[Dr. Lucy Woodall](#), Nekton Principal Scientist, University of Oxford

### BECOME A PARTNER

Nekton are seeking to partner with marine research institutes and vessel operators to undertake a series of six research cruises in the Indian Ocean from 2018 to 2020.

As part of the partnership, Nekton will look to invest a substantial quantity of subsea research equipment including work-class ROV, manned submersibles, containerized laboratories, a core team of leading multi-disciplinary marine scientists, data analysis across a network of laboratories, Research and Publication Grants for participating scientists, along with comprehensive programmes of global public engagement, education, capacity building and ocean policy.

It represents an investment of at least US\$3m per research cruise.

Nekton looks to partners to provide a research vessel for joint operations (charter by Nekton will be considered) along with collaboration and participation including from scientists and communications teams.

Nekton are also looking to develop partnerships to undertake research in other ocean regions and welcomes proposals.

# COMBINING SCIENTIFIC RESEARCH WITH OCEAN POLICY, CAPACITY DEVELOPMENT & PUBLIC ENGAGEMENT

ACTIVITY	OUTCOME	OUTPUT	
SCIENTIFIC RESEARCH	A step change in our knowledge and understanding of the Indian Ocean with the first baseline of its marine life and impacts of human activity.	Newly described species	1000
		Specimens identified	252,500
		DNA species sequences	>10million
		Science papers	>600
CAPACITY BUILDING & DEVELOPMENT	A legacy of human capacity in marine science, conservation and ocean management across the Indian Ocean.	Research Grants	60
		Participating scientists (Local / International)	430 / 165
		Ocean Ambassadors	150
PUBLIC ENGAGEMENT & EDUCATION	Inspiring local and global audiences with greater ocean awareness giving decisions makers a greater public mandate to act.	Global audience reach	1.5bn
		AVE (advertising value equivalency) for sponsors	\$100m
		Education - Submarine STEM	5million
POLICY	Designation of newly protected areas of the Indian Ocean and improved Indian Ocean management.	Technical Policy Reports	18
		Actionable datasets	42
		Policy Managers participation	210

## PARTNERSHIP BENEFITS

- ✔ **Institutional Leadership:** in a pioneering initiative of frontier exploration, technology, ocean policy, capacity development, public engagement and education.
- ✔ **Pioneering research** to explore the least known ocean on the planet.
- ✔ **Technology:** Deployment of cutting-edge new technologies including submersibles.
- ✔ **Education:** global STEM education integrated within national curricula.
- ✔ **Engaging global audiences** with the manned exploration of the last great unknown frontier - the next inspirational story of human endeavour.
- ✔ **Multi-Audience Engagement:** with governments, industry, media, NGOs, academia & general public.
- ✔ **Creating a legacy** of new marine scientists, policy makers and ocean managers.
- ✔ **Inform & catalysing policy** - in one of the most at risk major oceans.

## MISSION 1 2016-2018 NW ATLANTIC - PROVEN SUCCESS / PROVEN PARTNERSHIPS

### SCIENTIFIC RESEARCH

- 19 Scientific Papers published within 18months
- 77 Submersible dives
- 13 Research tools deployed
- 60 Scientists involved from 11 nations

### PUBLIC ENGAGEMENT

- 750M Global Audience Reach incl. BBC, PBS, Sky News, Forbes, New Scientist, Guardian
- 1M Educational reach with Submarine STEM
- 20 Keynote speeches at major global events
- 25 Films produced - incl. 30mins, documentary, 360 VR, educational films

**FURTHER DETAILS: [IMPACT FROM MISSION I](#)**

### NEKTON ALLIANCE PARTNERS (40)

**Canada Partners:** Department of Fisheries and Ocean, Bedford Institute for Ocean Sciences.

**Bermuda Partners:** Gov. Department of the Environment & Natural Resources, Bermuda Aquarium, Museum & Zoo, Bermuda Institute of Ocean Sciences (BIOS)

**International Science Partners:** University of Florida, University of Puerto Rico, Trinity College (Hartford), Stanford University, the Geological Survey of Ireland, Bedford Institute for Ocean Sciences, and the Government of Canada, Department of Fisheries and Oceans.

**Technology:** Triton Submarines, Teledyne Marine, Bowtech, Project Baseline, Canon, VRTUL.

**Communications:** Google-YouTube, CellOne, Digital Explorer, Bermuda Underwater Exploration Institute (BUEI), Sirius XM

**Policy:** Sargasso Sea Commission, Ocean Elders, IUCN, UNESCO, Deep Sea Conservation Coalition

## NEKTON OXFORD DEEP OCEAN RESEARCH INSTITUTE

Nekton's mission is to explore the deep ocean to reveal the unknown for the benefit of humanity.

Our exploratory Missions are at the core of all our work. Leading an Alliance of global partners, we undertake multidisciplinary scientific research of the state of the deep ocean, the planet's most critical, yet least explored, ecosystem. Our discoveries inform global decision makers and ignite public interest to catalyse change.

Mission I 2016-2018: NW Atlantic / Mission II 2018-2021: Indian Ocean

The Nekton Oxford Deep Ocean Research Institute is a charity, established in the UK.

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Registered in England Number 9644797 - Registered Charity Number 1162666

### MISSION II LAUNCH PARTNER



### NEKTON FOUNDING PARTNERS

