



OCEANS
WITHOUT BORDERS

SAVE OUR OCEANS



AFRICA FOUNDATION
empowering communities • enabling conservation



& BEYOND

OCEANS WITHOUT BORDERS (OWB)

There can be no doubt that our world’s precious marine resources are under threat. Now is the time for all of us to play our part. In response to this dire need, &Beyond and our community partner, Africa Foundation, created a dedicated initiative: ‘Oceans Without Borders’.

This platform, committed to the protection and sustainability of our seas, has a strong and well-tested foundation. It’s built on our proven conservation impact model: Care of the Land, Care of the Wildlife, Care of the People, with our guest experience always at the very heart of these endeavours.

HOW BIG IS OUR MARINE FOOTPRINT?

In addition to the over 3.6 million hectares (9 million acres) of protected wildlife land that we have pledged to sustain, our extended footprint now covers over 3 000 km (1 864 mi.) of African coastline. This marine imprint includes our three exclusive lodges of &Beyond Mnemba Island (Zanzibar), and in Mozambique, &Beyond Benguerra Island (Bazaruto Archipelago) and &Beyond Vamizi Island (Quirimbas Archipelago). There is also the Sodwana Bay coastal region, where our &Beyond Phinda Private Game Reserve is located.

WHAT IS THE CURRENT MARINE LANDSCAPE?

- Coral reefs and key marine species worldwide are facing unprecedented threats from local and international pressures, together with global climate change.

- More than 30 million people live along the East African coastline, with this number expected to double before 2030. Many are heavily reliant on marine ecosystems for their livelihoods and food security.
- Plastic pollution is rampant. Every year, approximately 8 million tons of plastic end up in our world’s oceans, accruing in gigantic floating islands that entangle and destroy countless species. It absorbs toxins, insidiously poisoning those fish that ingest it, along with those higher up the food chain, until even those seafood eaters amongst us are not safe.
- Rapidly rising concentrations of carbon dioxide and other greenhouse gasses in the atmosphere are driving ocean temperatures up, resulting in increasing global incidents of severe coral bleaching, with an unprecedented extended period from 2014 to 2017.
- The spiralling effects of this coral bleaching are loss of coral habitat, and a devastating impact on myriad species that they support.



A partnership between &Beyond and Africa Foundation

How does the partnership between &Beyond, a For-Profit organisation, and Africa Foundation, a Non-Profit organisation work?

&BEYOND'S ROLE	AFRICA FOUNDATION'S ROLE
Delivery of extraordinary guest experiences to generate a sustainable, commercial, and social return.	Work with the community to define their needs, scope, and complete the defined project.
Opening of previously inaccessible destinations to critical research projects.	Enable further fund-raising for these initiatives.
Providing our guests with exposure to marine programmes requiring support.	Provide clear accountability on each sponsored project.
Contributes towards the core costs of Africa Foundation, thereby maximising the impact of guest donations.	Provide donors with status reports, detailing progress on the respective project.

OWB IMPACT MODEL



Leave our oceans a better place





OWB VISION AND OBJECTIVES

Oceans Without Borders strives to catalyse positive change across our marine footprint to leave our oceans a better place by applying our proven care-trilogy to the ocean, marine wildlife, and coastal communities, never forgetting that our &Beyond guest experience lies at the heart of our vision.

BASELINE MONITORING AND RESEARCH

To facilitate world class research in order to inform decision making and track progress.

CARE OF THE OCEAN (LAND)

Support the improved effectiveness of marine habitat conservation and the establishment or enlargement of marine protected areas (MPAs), seeking higher conservation status.

CARE OF THE WILDLIFE

Support the protection of identified iconic species.

CARE OF THE PEOPLE

Through collaboration and coordination with local communities, facilitate community-lead development of sustainable marine resource use practices, and alternative revenue and food sources that reduce marine dependency.

GLOBAL REACH

Multiply positive impact on oceans globally through the engagement and education of &Beyond guests and collaboration with international initiatives.

WHY IS VAMIZI ISLAND A 'HOPE SPOT' FOR OCEANS WITHOUT BORDERS?

It was the famous American marine biologist, Dr Sylvia Earle, who introduced the concept of marine 'Hope Spots' to identify those special places of magnificent biodiversity that are integral to the health of our oceans. Vamizi Island is one of these rare sites, a living laboratory whose reef-rich ecosystem holds the promise of profound learnings.

VAMIZI'S CORAL REEF ECOSYSTEM

- **Diverse**

Coral reefs are amongst the most valuable ecosystems on earth, and those around Vamizi are defined by their extraordinary diversity, with over 180 species of coral and more than 400 species of reef fish recorded to date, and the guarantee of discoveries to come.

- **Resistant**

In addition to their gifts of diversity, these reefs are also highly resistant to the bleaching effects of warm water temperatures, thanks to the upwelling of cold water from the depths of the nearby Mozambique Channel.

- **Productive**

Productivity is abundant within this ecosystem. Not only is this where the natural wonder of coral mass spawning takes place annually, but it is also where many species of fish come and gather to breed.

- **Regenerative**

Perfectly positioned at the centre of an ocean current network that flows both north towards Mnemba Island, and south past Benguerra Island and Sodwana Bay, multitudes of coral and fish larvae from these source reefs are carried away to replenish coral ecosystems along the entire coastline, many of which are degraded and heavily fished.

- **Supportive**

The waters around Vamizi play a vital role in supporting many keystone marine species such as humpback whales, green and hawksbill turtles, manta rays, and a number of species of dolphin and sharks, many of which gather at certain times of the year as part of their breeding cycle.

LEARNINGS

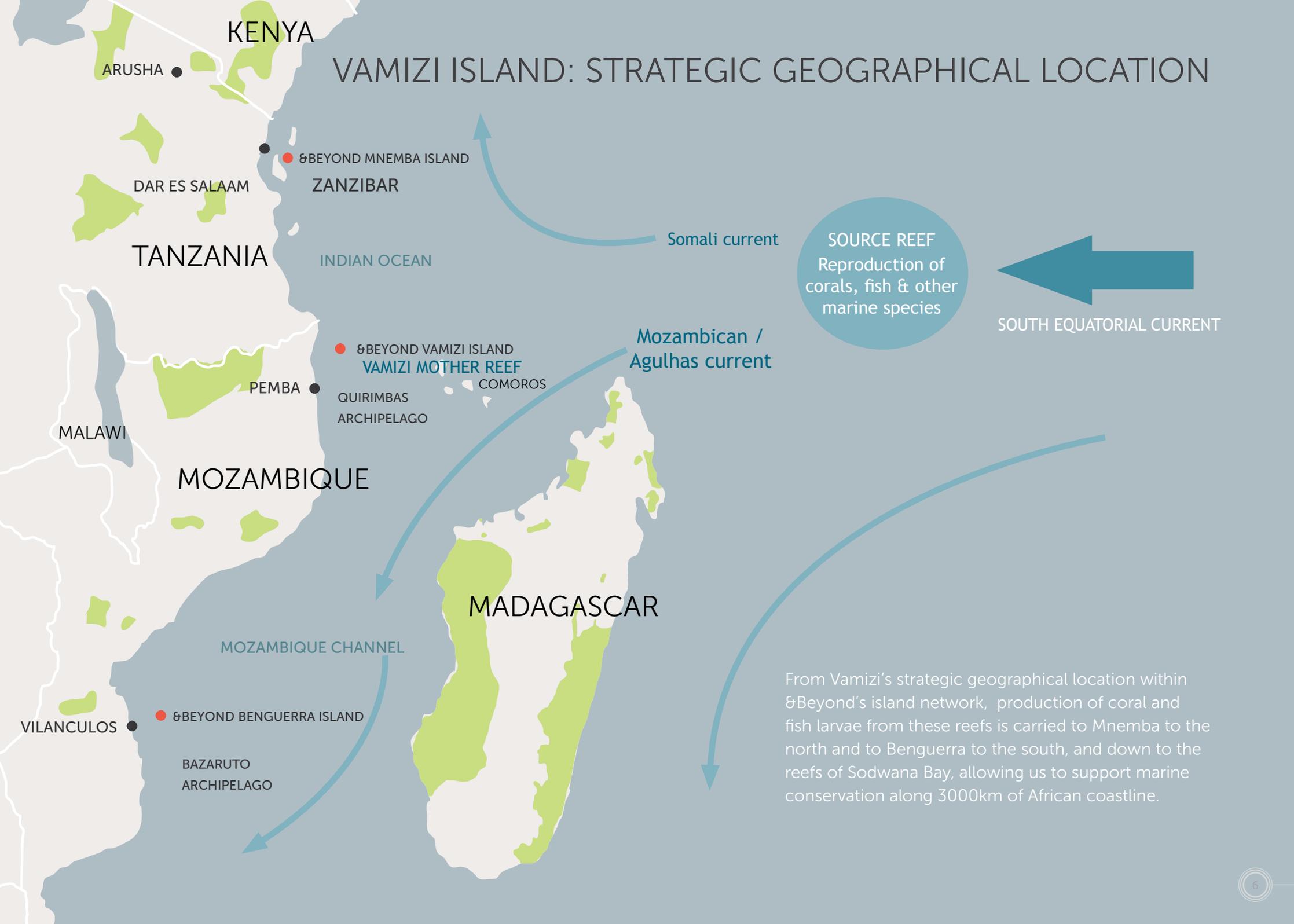


Learning opportunities at Vamizi Island

- What factors support a healthy reef ecosystem?
- How can we protect these source reefs?
- What can be learnt from the synchronised phenomenon of coral spawning?
- What can be learnt from the movement patterns of the species that aggregate to breed within these waters, and then move on?

With climate change now an ever-present concern, and the over-exploitation of marine resources a global factor, the 'Hope Spot' of Vamizi, with all its potential learnings, is becoming increasingly important to the support and future sustainability of not only the reefs of East Africa, but those of the world.

VAMIZI ISLAND: STRATEGIC GEOGRAPHICAL LOCATION



OVERVIEW OF 2018

It has been a busy and productive first year for Oceans Without Borders (OWB), with exciting developments both in the boardroom and in the ocean. A strong foundation has been laid as we've identified the needs and challenges of each island and their local communities, while creating invaluable connections within the global marine and tourism sectors.

WHAT HAS BEEN ACHIEVED IN THIS FIRST YEAR?

- Fundamental steps and our key future drivers included the clear definition of our Oceans Without Borders (OWB) mission statement and vision, together with pinpointing our 5 key project objectives.
- We have also engaged with, and developed strong relationships with a number of highly skilled collaborators and partners across a number of sectors. Plans are underway for joining forces to maximise our conservation impact.
- Our media and marketing team have taken the OWB story to heart, and the uptake for the project has been enormous.

WHAT ARE SOME OF THE HIGHLIGHTS OF THE YEAR?

1. An undoubted highlight has been the extremely successful shark tagging season on Vamizi Island in early September, marking the commencement of our very first OWB research project.
2. This year has marked important strides in the collation of baseline data, which will provide a crucial reference point for the future.
 - Previous research data has been collated

- Wildlife monitoring has commenced, including:
 - o Sound data from the migratory humpback whale population at Vamizi
 - o Turtle nesting and hatching on Mnemba and Vamizi Islands
 - o Reef surveys at Mnemba Island
 - There is ongoing, active engagement with local communities at all 3 properties
3. Other highlights include the opportunities we have had for global reach of our knowledge and ideas. These include:
- A Spark talk at We Are Africa
 - Our Oceans Without Borders Pledge receives a 2018 PURE award
 - The International Ocean Film Tour
 - The first Zanzibar Tourism Show

All in all, our first year has been exciting and extremely productive, and holds immense potential to make a real impact, leaving our oceans a better place for generations to come.

DR TESSA HEMPSON

Oceans Without Borders Operations Manager

2018 HIGHLIGHT

Collaborating to conserve a species

- Vamizi Island shark tagging season, 29 August to 11 September, saw the start of our very first Oceans Without Borders (OWB) research project.
- This was a collaboration of expertise, with Dr Isabel Marques da Silva and João Macuio (Universidade Lúrio), Danielle Orrell and Dr Nigel Hussey (Windsor University) and Dr Ryan Daly which all participating.
- A total of 7 sharks were tagged: 6 grey reef sharks (5 female; 1 male) and 1 hammerhead shark (female). All sharks were tagged with internal acoustic tags and Oceanographic Research Institute (ORI) tags, while 3 of the grey reefs also had satellite tags fitted.
- The acoustic tags, which are attached to the dorsal fin, use specific frequency and transmitting patterns to identify different individuals when they pass within range of an underwater receiver. As part of this project, all 4 existing acoustic tag receivers were serviced, data downloaded, batteries changed and moorings reinforced, with 2 new receiver moorings and stations installed on Vamizi reefs.
- These devices provide a range of invaluable information for monitoring and research, movement patterns, social connections, breeding habits, as well as depth and swimming speed, and are integral to all research and conservation endeavours.



SCORECARD



PROGRESS 2018

Objective / Project	⊗Beyond Mnemba Island	⊗Beyond Benguerra Island	⊗Beyond Vamizi Island	⊗Beyond Phinda
BASELINE PROJECTS				
Equipment and facilities to enable capacity building locally and access to international research	OWB Research house has been built and a research boat (Fupi) is in operation	Stakeholder engagement is necessary before facilities are committed to	Research boat project identified	-
Collate database of current knowledge and research (Social & Ecological)	⊖	🔍	⊖	-
Identify & meet with all stakeholders	⊖	🔍	⊖	🔍
Assess community needs through consultation	🔍	⊖		-
Review current monitoring protocols				
Coral	⊖	🔍	⊖	-
Fish	⊖	🔍	⊖	-
Turtle	⊖	🔍	⊖	-
Whale	🔍	🔍	⊖	-
Fish catch and seafood purchases	⊖	🔍	🔍	-
CARE OF THE OCEAN				
Establishment / enlargement of Marine Protected Areas (MPA's)	Negotiating with local government to legislate the Mnemba Atoll as a marine reserve	-	Working with Universidade Lurio (Pemba) to gazette the Community Reserve and Neptune's Arm as MPA's	-

Project identified



Project in progress



Project ongoing



Project completed



SCORECARD				
 PROGRESS 2018				
Objective / Project	&Beyond Mnemba Island	&Beyond Benguerra Island	&Beyond Vamizi Island	&Beyond Phinda
CARE OF THE WILDLIFE				
Support the protection of identified iconic species				
Turtles	Ongoing nest monitoring & turtle tagging	-	Ongoing nest monitoring & turtle tagging	-
Grey reef sharks	-	-	Established a receiver array and tagged 7 sharks with acoustic tags, 3 of which also had satellite tags	-
Whales				-
Dugong	-		-	-
CARE OF THE PEOPLE				
Lodge-specific community driven initiatives to ensure marine conservation delivers a positive community impact	Conservation Lessons done with staff & 2 school groups hosted by OWB	Consultation in progress	Consultation in progress	-
GLOBAL REACH				
Guest engagement	OWB Pledge with staff		Cradle of Coral screening with discussion	OWB Pledge with staff
Launch of OWB Impact Journey				
Collaboration with international initiatives				

Project identified 	Project in progress 	Project ongoing 	Project completed 
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OCEANS WITHOUT BORDERS PLEDGE

Take the pledge with &Beyond and Oceans Without Borders, an initiative that not only positively impacts the 3 000 km (1 864 mi.) of African coastline under &Beyond's custodianship, but also has the potential to make a difference across the globe with your active participation.

In order to drive awareness, we have put together a pledge that we encourage guests at our marine properties to take. This calls on them to be mindful of their behaviour towards the earth and the oceans by monitoring their use of plastics, buying less, and recycling wherever possible. We call on them to become more aware of their choices, taking steps to reduce their carbon footprint, and consume resources sustainably. Most importantly, we seek to create an army of environmental advocates, asking our guests to take the responsibility to educate one person each day about the challenges facing our beautiful planet.

JOSS KENT
CEO &Beyond

THE PLEDGE

As a globally conscious traveller, I take this pledge, as a supporter of the Oceans Without Borders initiative, to take shared responsibility for our future, as well as the futures of our children, our oceans and our planet.

- I pledge to be more mindful in my behaviour towards the earth and its oceans
- I pledge to make every effort to tread more lightly by monitoring my use of plastics, buying less, and recycling where possible
- I pledge to reduce my carbon footprint, to become more aware of my choices, and to consume sustainably
- I pledge to seek to educate someone each day about the plight of our precious planet



JOURNEY WITH US

Just by travelling with &Beyond, our guests make a meaningful difference to the land, wildlife and people of the areas we operate in. We invite you to travel with heart and embark on an unforgettable journey with us in Africa, Asia, and South America's iconic destinations.

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GET INVOLVED

Our wonderful array of participatory experiences offer guests the opportunity to gain first-hand knowledge of our conservation and community initiatives.

Selected lodges offer guests experiences such as:

- Rhino and elephant conservation experiences, turtle nesting and hatching adventures, and guided research experiences with conservationists
- Tours of neighbouring communities, their schools and healthcare facilities
- Various guided cultural experiences that allow guests to interact with the engaging cultures of Africa, Asia and South America

Travel with heart on our selection of Impact Small Group Journeys and Philanthropic Journeys:

Impact Small Group Journeys

- Phinda Impact Small Group Journey
- Oceans Without Borders Impact Small Group Journey
- Endangered Eight Impact Small Group Journey

Philanthropic Journeys

- Travel with Purpose - South Africa
- Travel with Purpose - Kenya

MAKE A DIFFERENCE

Should you wish to make a donation towards Rhinos Without Borders, Oceans Without Borders, or any one of our community initiatives, you can do so securely through Africa Foundation.

SOUTH AFRICA

By Credit Card through a secure facility administered by GivenGain.

www.africafoundation.givengain.org

UNITED KINGDOM

Through Africa Foundation (UK), a separate independent organisation registered with the UK Charities Commission.

www.africafoundation.org

UNITED STATES

Through Africa Foundation (USA), a separate independent public charity organized under the laws of the United States.

www.africafoundation.org