



Ocean Health

An initiative by Van Oord

Rehabilitation of coral reefs

Ocean Health protects, enhances and restores coral reef ecosystems worldwide. This is done through relocating corals from areas facing negative impact to safe environments with favourable conditions. Another method is propagating corals and outplacing them at reefs, boosting coral rehabilitation. Our method includes the ReefGuard, a mobile coral breeding laboratory producing new recruits, and the Coral Engine, a sea-based nursery that allows new recruits and coral fragments to grow into full-fledged colonies before being outplaced at the reefs.

With our approach, we aim for large-scale coral restoration, making a significant impact on reefs ecosystems world wide!

Recent project - 2023

Relocation of coral in the Maldives

- Relocated tens of thousands of corals to a suitable and safe environment
- Creating local awareness through stakeholder engagement and educational programs



For more info contact:

Rogier Wilmink

T: +31(0)6-113 00 462

E: rogier.wilmink@oceanhealth.world

Our solutions

- Relocation of corals from potential harm
- Rehabilitation or initiation of coral ecosystems by making use of breeding and seeding (sexual propagation) and fragmentation (asexual propagation)

Processes

- Coral relocation: Relocate corals to suitable and safe environments
- Breeding and seeding: Supply suitable areas with sexually produced recruits through the ReefGuard (breeding) or RECRUIT (seeding) techniques
- Fragmentation: Outplant fragmented corals that have been grown in a Coral Engine
- Artificial Substrate Enhancement

Creating value



Habitat creation



Diversifying coral reefs



Coastal protection



Local tourism development



Economic value

Our added value

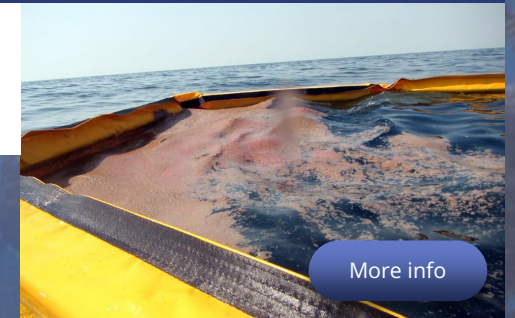
Scale

Through its combination of expertise and industrial-sized equipment, Ocean Health is able to scale up the generally applied small scale coral rehabilitation techniques, so that these can be effectively applied for mitigation of environmental impacts on large coastal infrastructure projects, and as stand-alone reef restoration practices

Ingenuity

The ability to provide controlled laboratory conditions anytime and anywhere allows Ocean Health to successfully implement coral breeding techniques as a mitigation measure in large marine and coastal development works and as stand-alone reef restoration practices

Large scale coral rehabilitation at the Great Barrier Reef



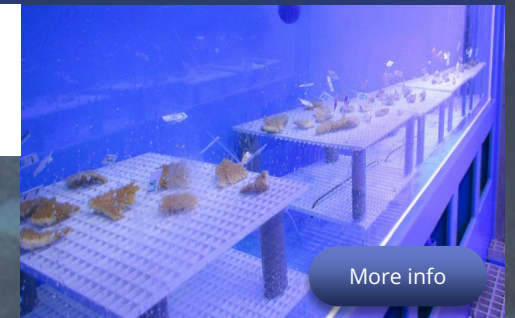
[More info](#)

Care for Coral: the world's first Coral Engine by Van Oord



[More info](#)

ReefGuard: coral breeding and assisted reef rehabilitation



[More info](#)