

SPOTLIGHT ON: BHP-BMA

MACKAY-WHITSUNDAY HEALTHY RIVERS TO REEF PARTNERSHIP

PARTNER FEATURE

WHO: BHP Billiton Mitsubishi Alliance
WHAT: Reef Conservation – water quality monitoring
AREA: Water quality monitoring



AIMING HIGH:

BHP is committed to helping build climate change resilience for the long term to ensure the future of the biodiversity and ecosystems on which our world depends. The company is constantly challenging itself, and its people, to do more to support the environments in which they operate.

In 2011, the BHP Billiton Mitsubishi Alliance (BMA) invested five million dollars in eReefs– a collaborative project to bridge the gap between science and effective actions to improve the future for the Reef.

eReefs is a world-first - delivering vital information about the entire Great Barrier Reef from catchment to ocean.

The system spans the catchments, estuaries, reef lagoon and the open ocean. It will provide

information on physical processes, sediment transport, biogeochemistry and ocean colour. The project addresses enhanced monitoring, data standards, data architecture, operational modelling, reporting and data visualisation.

IN ACTION:

The latest technologies and scientific data has created a suite of visual, communication and reporting tools for Reef managers.

Just as the Bureau of Meteorology does for weather, eReefs is delivering Reef water quality information online in near real time, enabling anyone to track the effects of storms, cyclones, floods and other impacts on the Reef.



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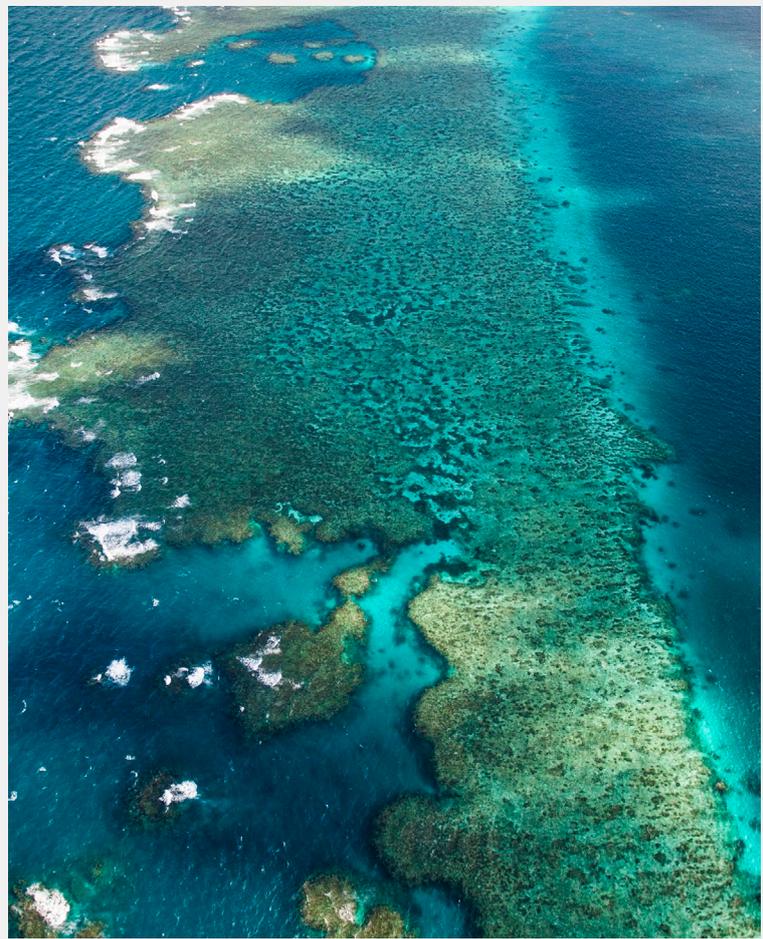
www.healthyriverstoreef.org.au

TALK ABOUT IT:

BHP Billiton Mitsubishi Alliance Asset President Rag Udd said that through leadership and a strong drive for innovation in collaboration with other like-minded organisations, we can achieve greater outcomes for our local communities and environments.

“Our contribution to the eReefs project, has helped to develop a suite of publicly accessible, digital tools which assess the health of the reef and have the ability to forecast the impact of extreme weather events,” he said.

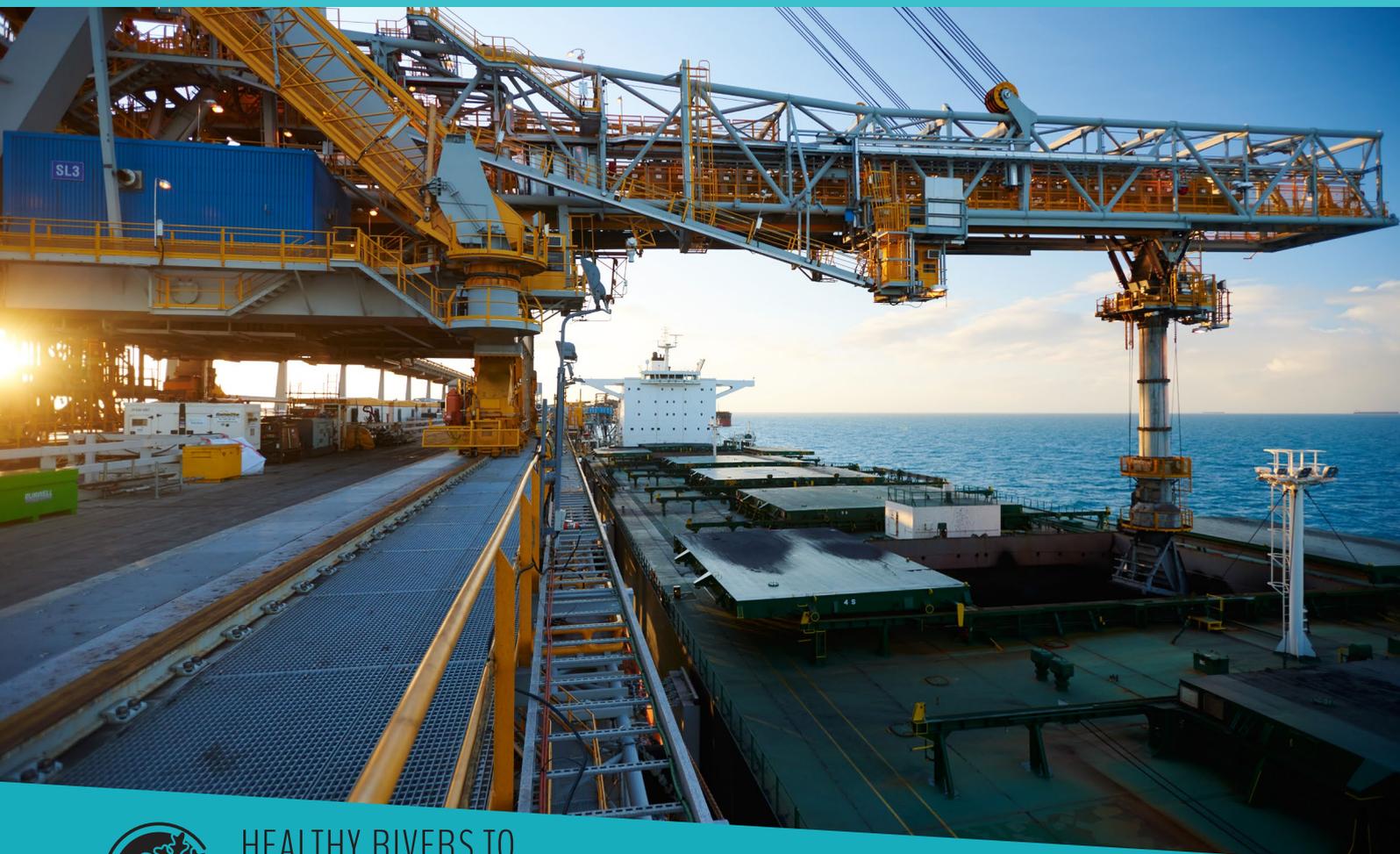
“The modelling system also provides real time data which is critical to understanding threats posed to the Great Barrier Reef, such as the Crown of Thorns starfish.”



MORE DETAILS:

Link to project video https://youtu.be/_L99gaUPdhg

[CLICK HERE](#)



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