

Annex A

15 February 2017

BACKGROUND ON EYES ON HABITAT: CORAL REEFS

This collaboration was initiated when PIXEL Labs engaged Hiverlab, a local Labs-supported VR technology start-up to explore the development of an interactive VR experience showcasing local waters and coral reefs. DHI Water & Environment, as an innovator in water environments, was then approached to contribute their expertise in marine biology and familiarity with local waters and reefs to further conceptualise an exploratory and useful VR application. Supported by additional resources and advice provided by Labs and DHI, Hiverlab built on their experience in VR technology and storytelling to develop this prototype.

In addition to 360-degree underwater filming, the production team also experimented with new 3D scanning techniques to digitise entire sections of the coral reef in order to generate 3D models of the reef. This is the first attempt by a Singapore-based team to capture such a large segment of coral reef or a field of about 64 sqm as previous scans were only carried out on a smaller scale of about 0.5 sqm on a single coral.

For media clarifications, please contact:

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