



A Premium Geospatial Industry Conference

CLICK TO KNOW MORE



High detailed seafloor mapping to foster a sustainable Blue Economy and driving ocean conservation.

Hannah Brocke - Co-founder & COO





US Dept of State Geographer
© 2018 Google
Image Landsat / Copernicus
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Google Earth

Bildaufnahmedatum: 12/14/2015 50°59'09.78" N 8°57'52.61" O sichthöhe 11040.76 km

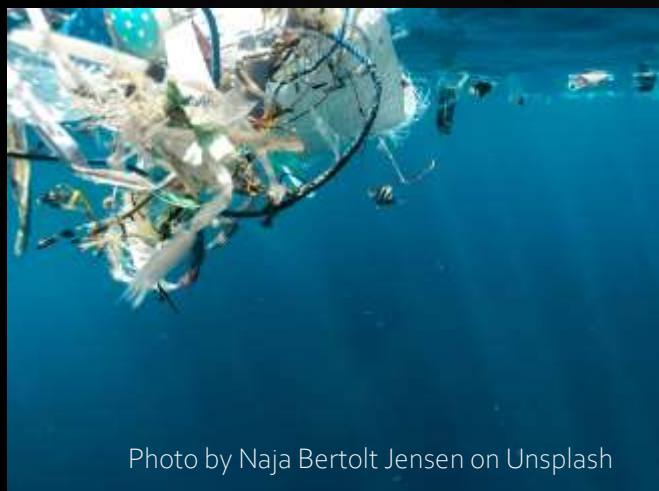


Photo by Naja Bertolt Jensen on Unsplash



Photo by Nico Smit on Unsplash



Photo by William Bossen on Unsplash



US Dept of State Geographer
© 2018 Google
Image Landsat / Copernicus
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

Bildaufnahmedatum: 12/14/2015 50°59'09.78" N 8°57'52.61" O -sichthöhe 11040.76 km

Google Earth

Image Credit: Nasa Image - Landsat 8

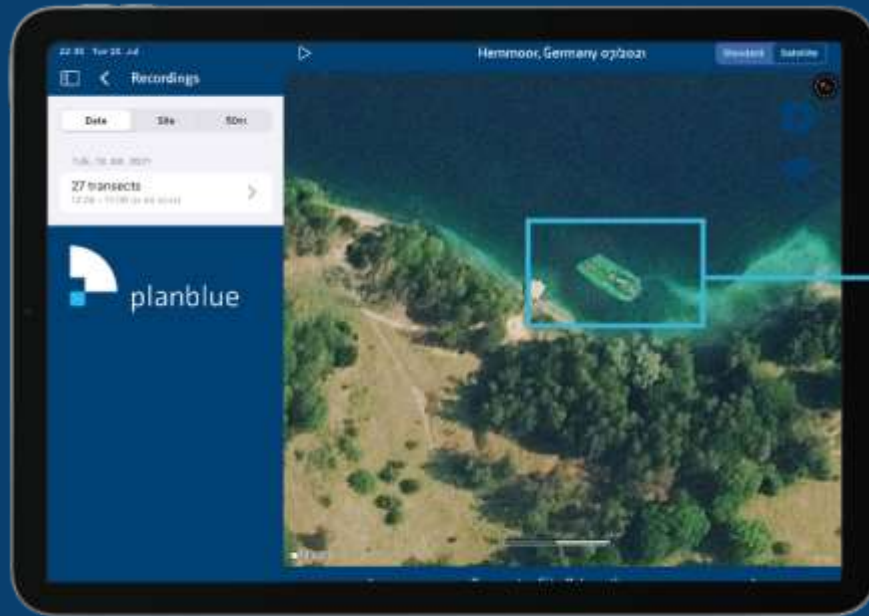
An underwater photograph showing a large school of fish swimming in the water. In the foreground, there is a coral reef with various types of coral and smaller fish. The water is clear and blue, with sunlight filtering through from above.

The **seafloor** plays a **key role** within the US\$ 2.5tn/pa **Blue Economy**

We can only manage what we can see and measure.

We developed the first Underwater Satellite and associated AI-based software

We can fill the 'data gap' and pop-up the seafloor in high detail.
Highlighted features applicable to multiple use-cases (e.g., plastic waste is shown in red).



Artificial Intelligence

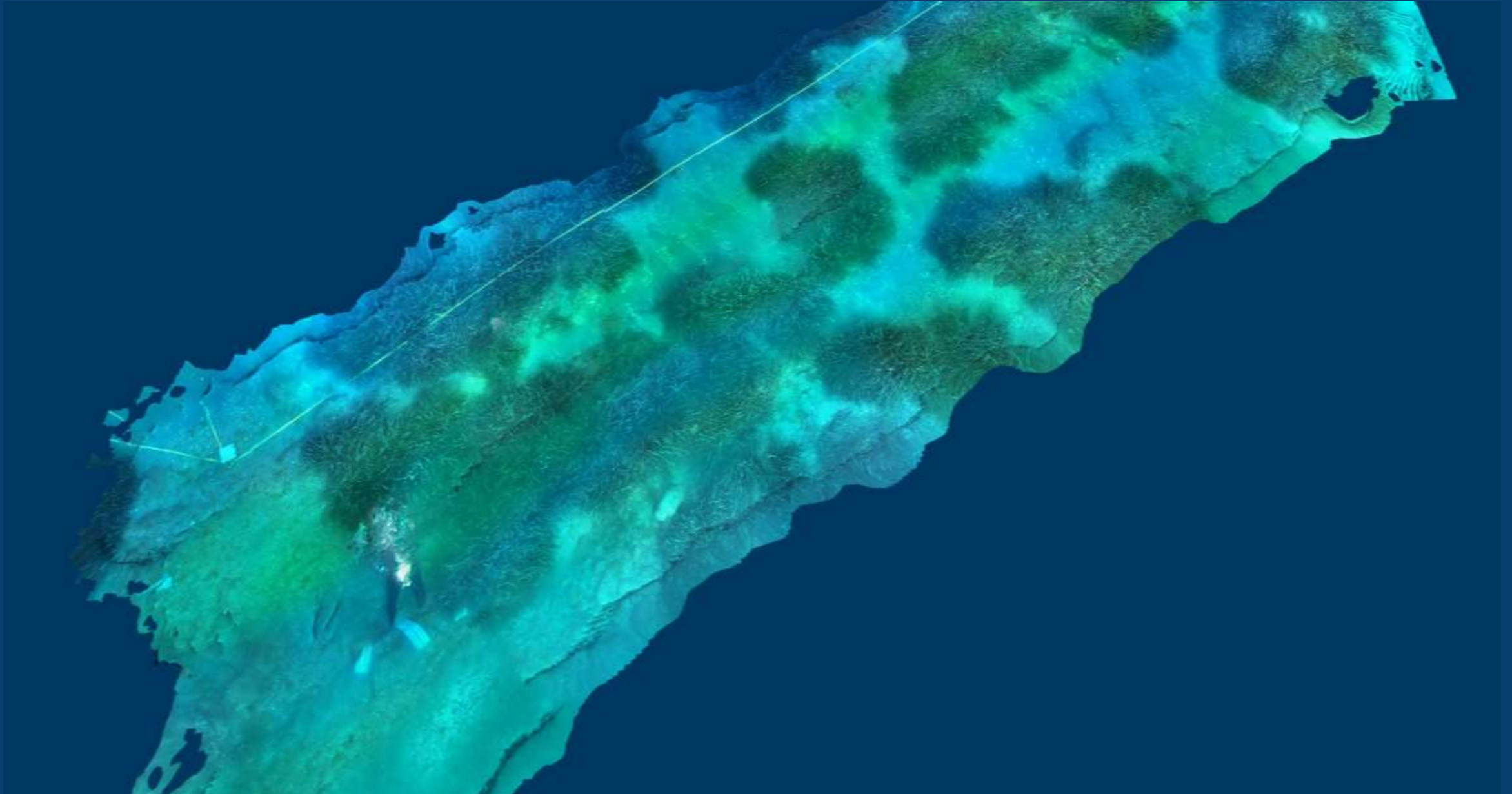


Underwater navigation



Advanced imaging

Data example - **seagrass meadows**



83%

healthy seagrass

Storing up to

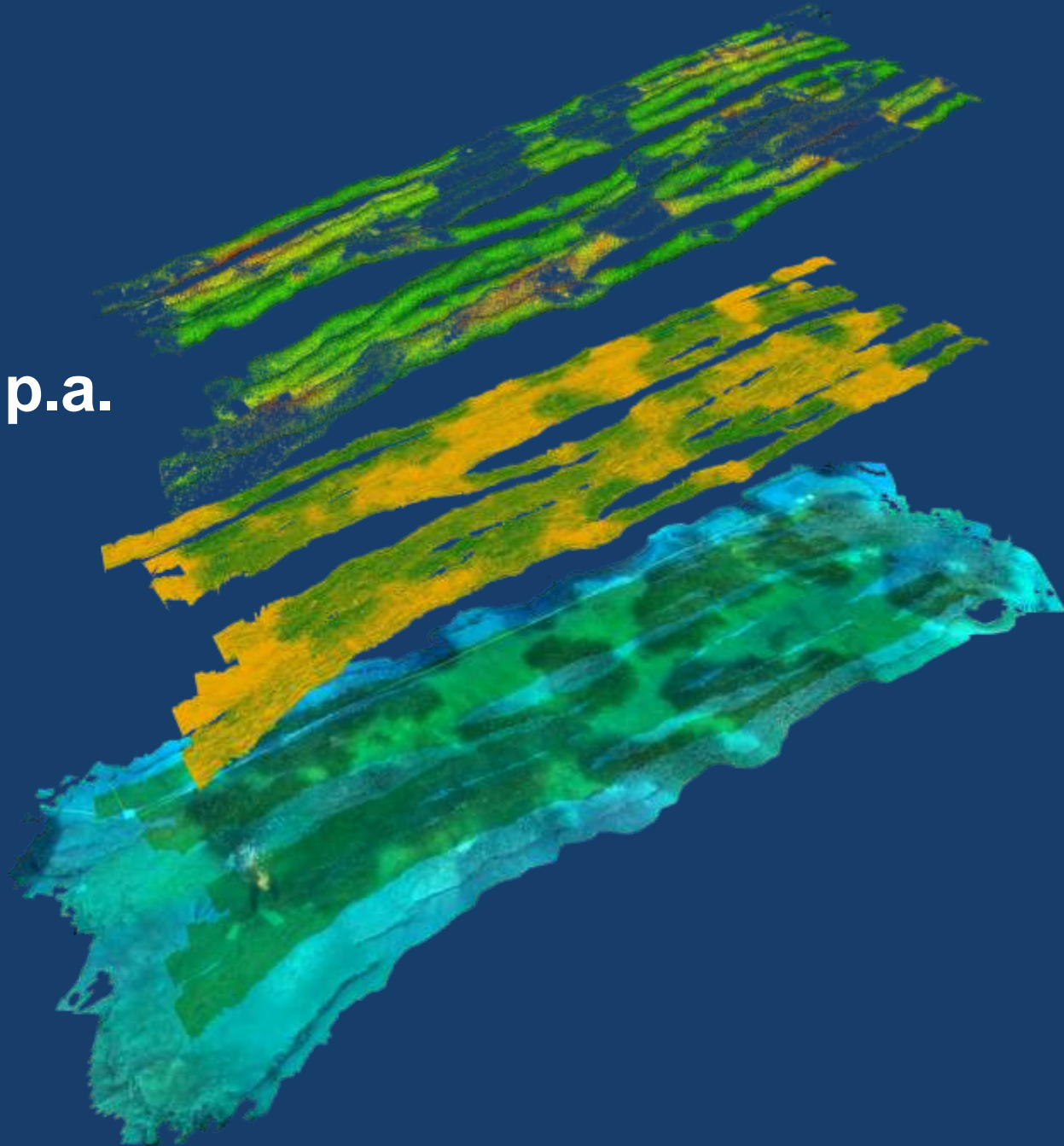
9.9 kg CO₂ p.a.

82 m²

Seagrass

152 m²

Seafloor



We are open for partnerships and collaborations...

- 1) To fill **data gaps** for Bathymetry or Space data
- 2) To combine **robots** (AUVs, ROVs) with underwater satellite

planblue GmbH
Hannah Brocke (PhD)
h.brocke@planblue.com

