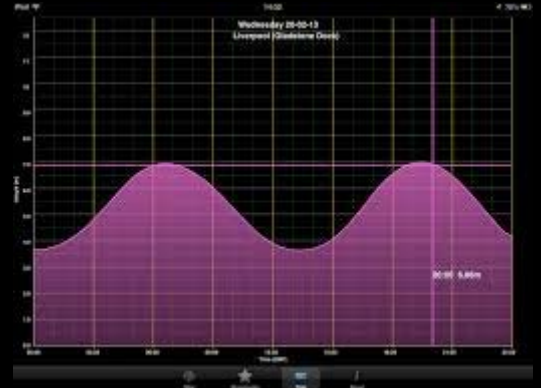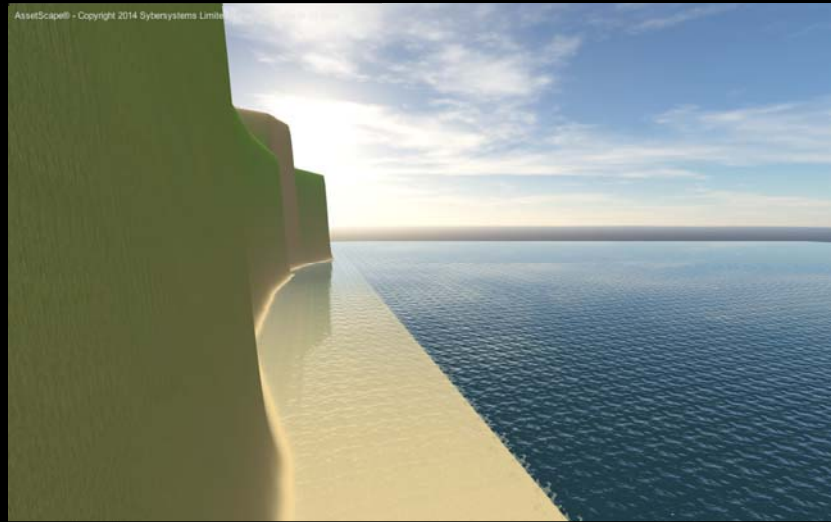# Asset Management Solutions

Capability — Sheet No.3

Coastal Management

Tidal times

Managing coastline in AssetScape couldn't be easier. Make use of LiDAR scans to build an inventory of geo and landscape types and then tag the assets with tidal defence and retention systems. You can also build a complex view of flora and fauna including marking areas of nature beauty (ANOB) sites. Load the whole UK coastline from LiDAR and then overlay asset management plans, works plans, interrogate the data, and manage assets all in 3D.

The system will also operate at a micro level - allowing the user to scan rock pools and associated aspects of interest to log actual sea life and other things found on the beach. All this can be brought to life by tagging the site and then animating the find on screen. On a more serious note, litter, contamination and waste can also be logged and displayed.

Benefits:

- Reduce on-site topographical surveys
- Mark up issues, works, treatments
- Overlay video
- Accurate measurements
- View the of the UK coastline in one session— View East Yorkshire and then move to Cornwall

The system holds tidal times which are re-created in the software. So, if you view the coastline the animated sea will be positioned according to the tide time.

To make the management of coastline even more efficient the user can set up the mobile interface to create, manage and view the data on-site. The mobile system includes an easy to use package that will seamlessly interface with the AssetScape system.

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