

The DIGITAL TWIN OCEAN

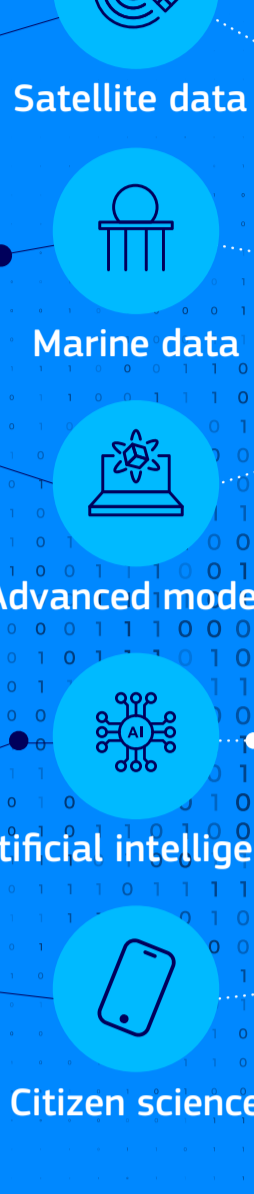
An interactive replica of the ocean for better decision-making

What is it?

A digital space providing access to vast amounts of data, models, artificial intelligence and other tools, which will allow the replication of the properties and behaviours of marine systems, including ocean currents and waves, marine life and human activities, and their interactions, in and near the sea.

Real Ocean

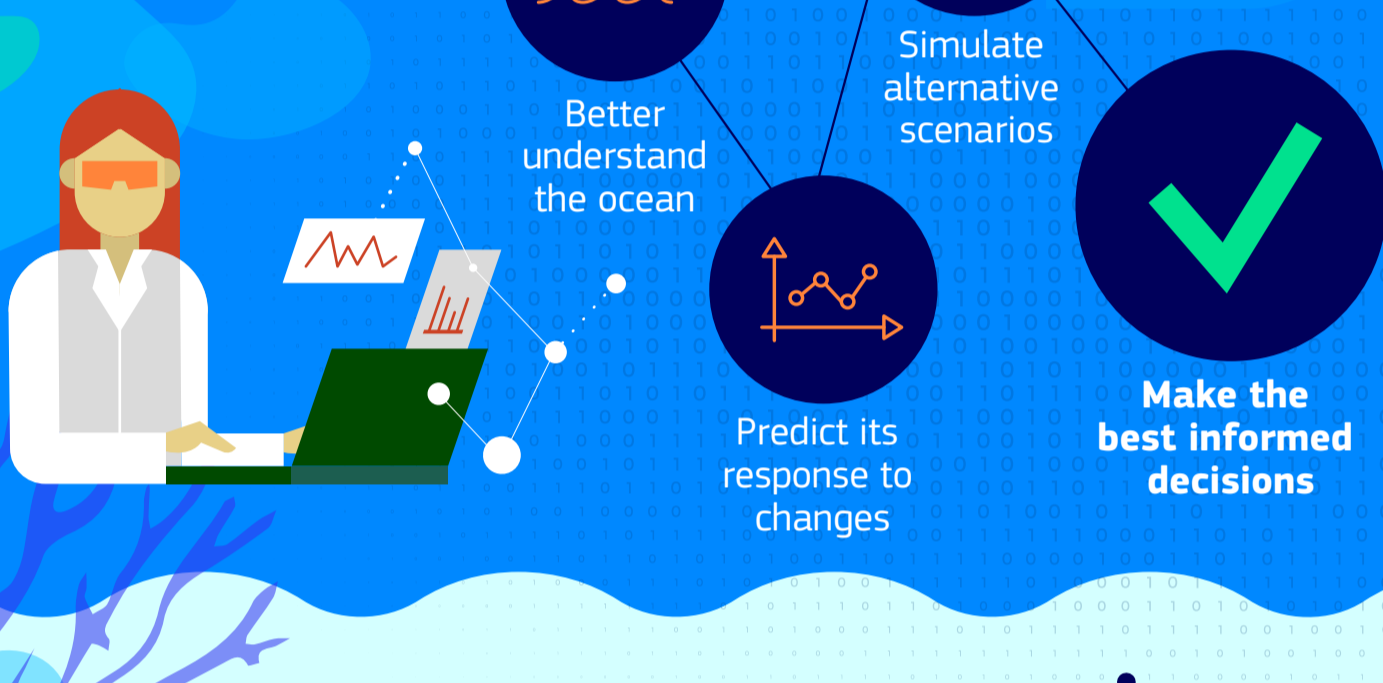
Digital Twin Ocean



Better decision-making

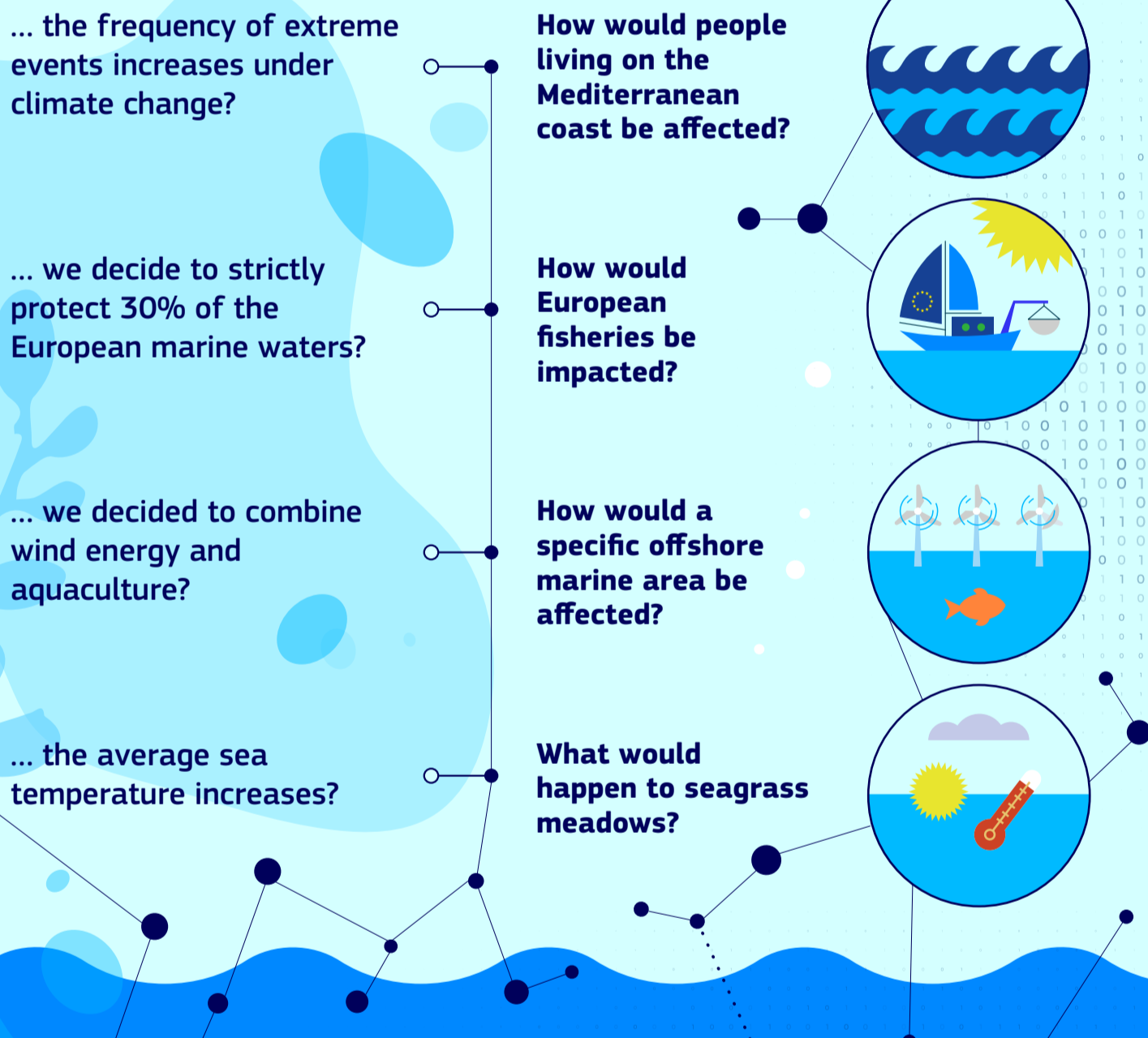
By connecting data and models through tailor-made applications, scientists, marine experts, policymakers, entrepreneurs and user-driven applications can test different specific scenarios.

This allows us to:

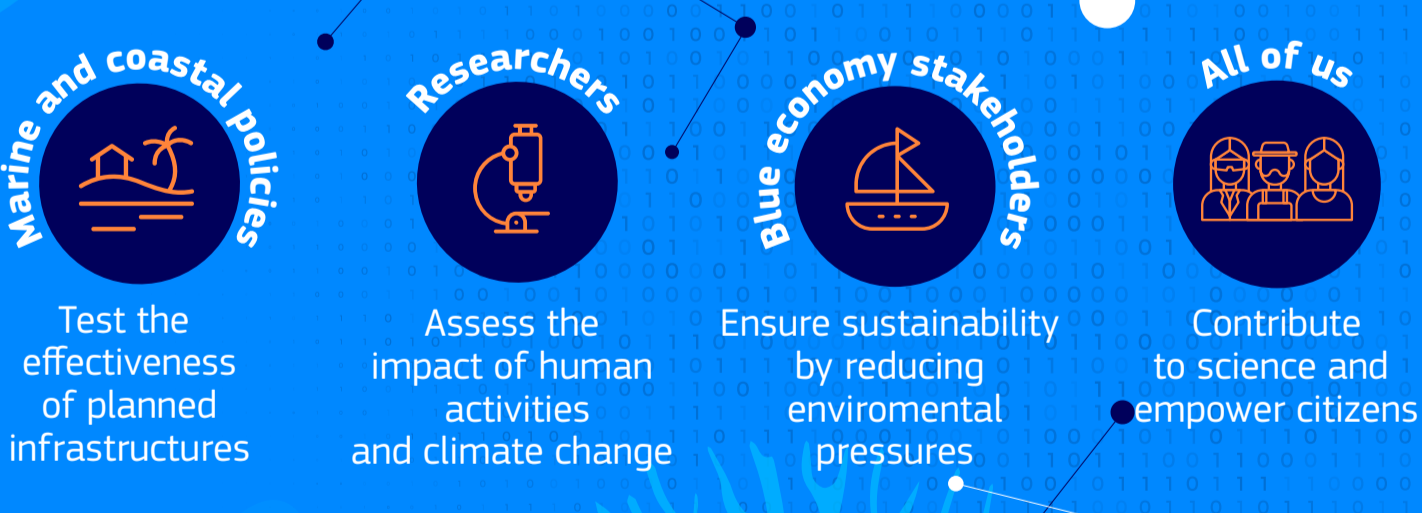


Testing scenarios

We can test what happens if...



Who benefits?



Our goal: a vibrant ocean ecosystem

This knowledge will help us design the most effective ways to restore marine and coastal habitats, support a sustainable blue economy and adapt to a changing climate.

Mitigating and adapting to climate change

Supporting a sustainable blue economy

Restoring marine and coastal habitats

Boosting biodiversity

#MissionOcean
#EUMissions