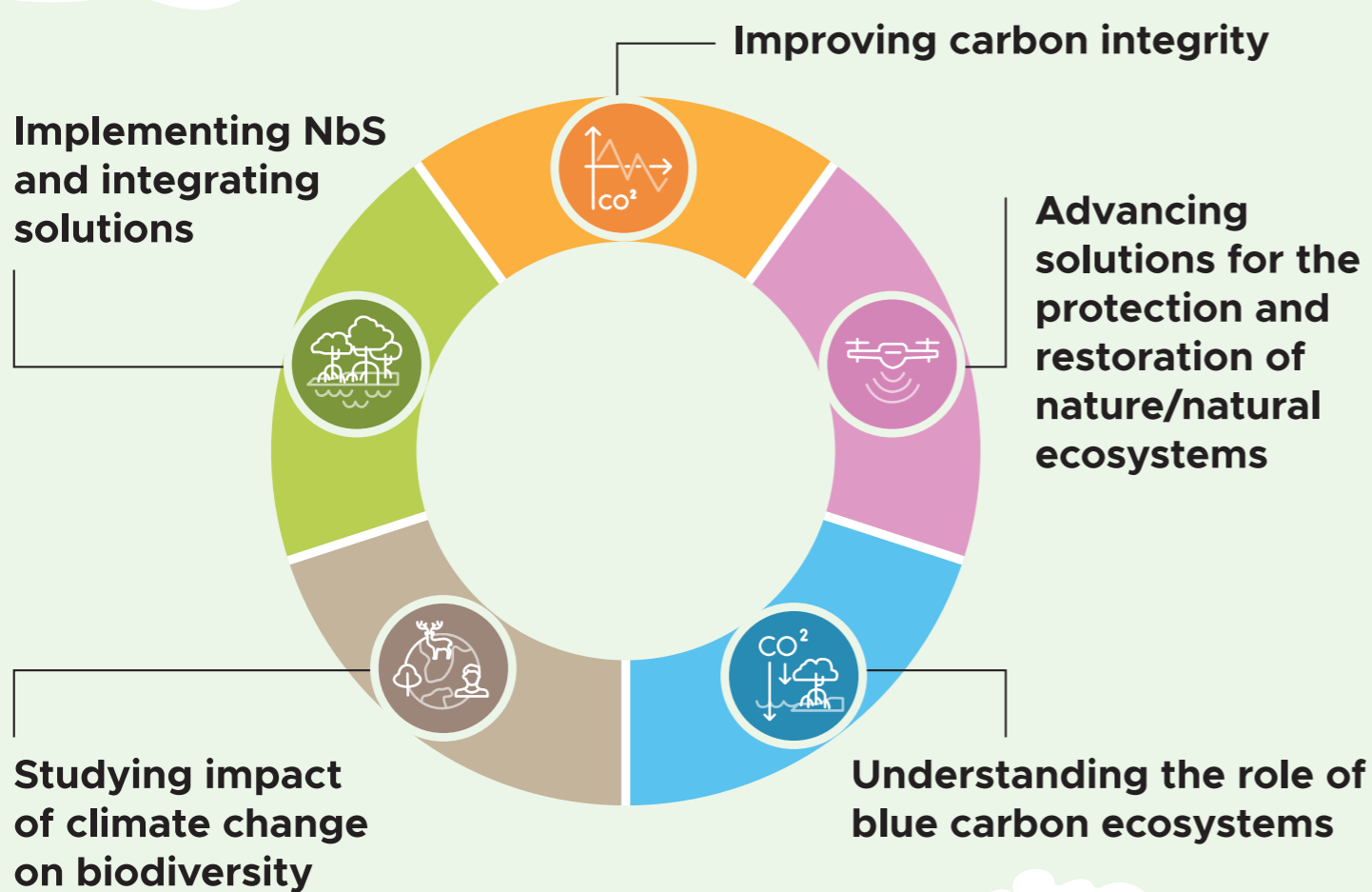


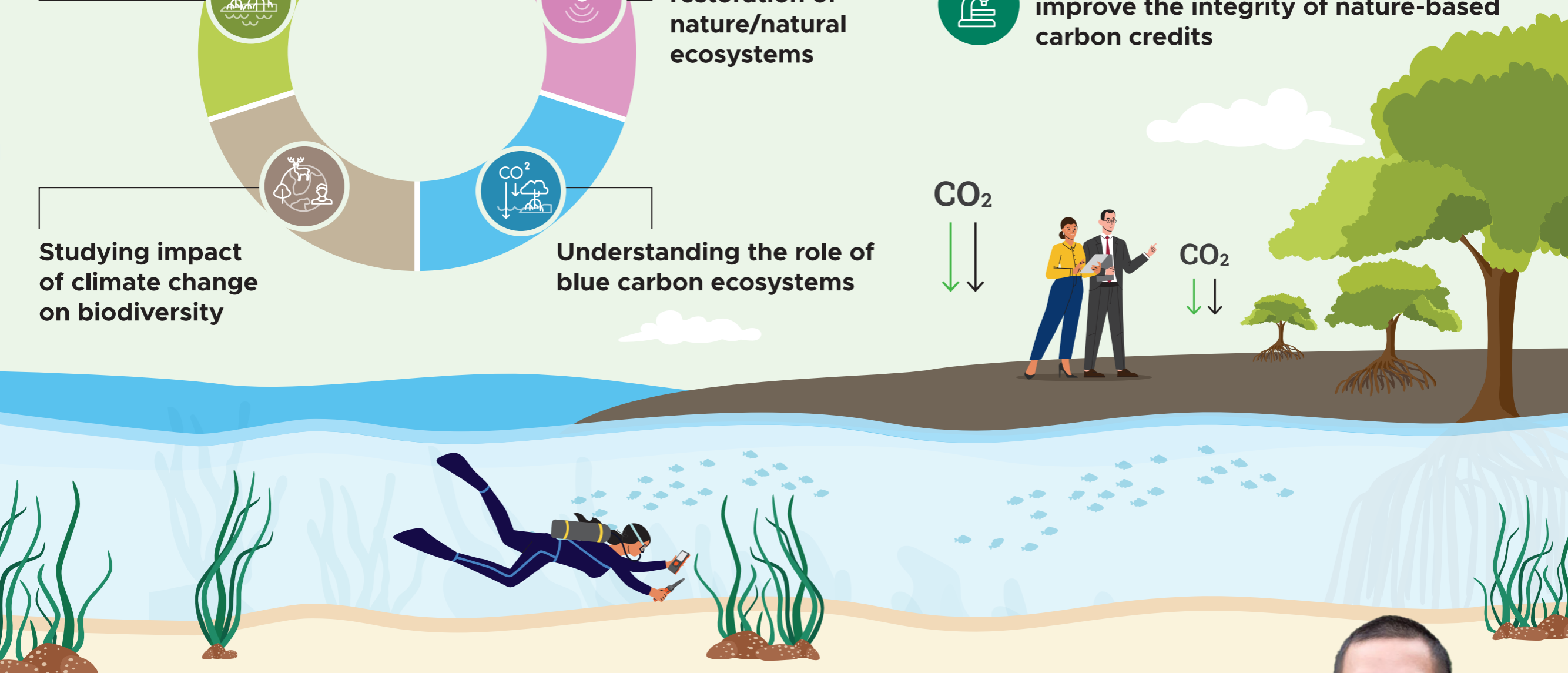
Centre for Nature-based Climate Solutions: Unlocking NbS Potential Through Carbon Integrity Research

Research Focus



Partnerships

- Partnering other research institutes and businesses to study blue carbon potential in Southeast Asia
- Working with partners on research to improve the integrity of nature-based carbon credits



“ Singapore’s interest in developing its carbon services hub will enable firms to leverage the country’s developed financial infrastructure and scientific expertise. ”

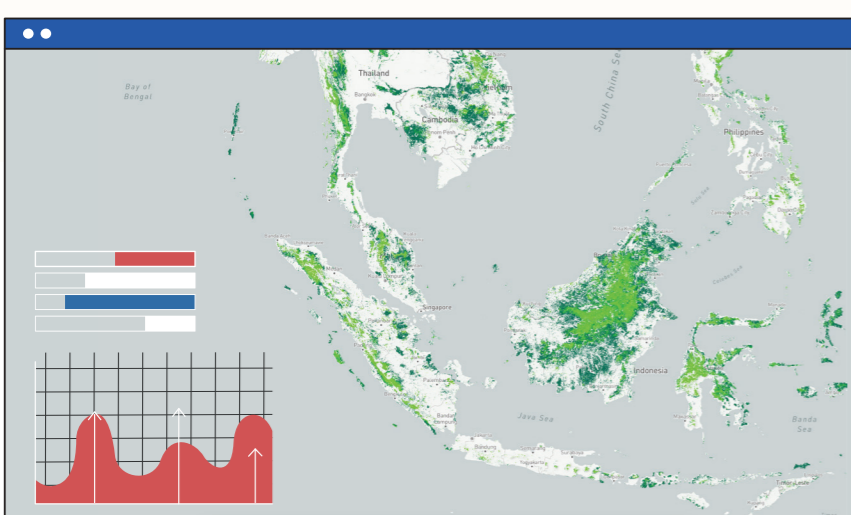
Professor Koh Lian Pin
Director of CNCS, NUS.



COP27: Carbon Prospecting Dashboard

About

The Carbon Prospecting Dashboard is an interactive mapping software that identifies where nature-based projects can be developed as locations of high-quality carbon credits. It enables stakeholders to calculate estimated credit yields and financial return-on-investment, based on assumptions such as project duration, costs and carbon prices. It is an open-access web tool based on a compilation of findings from multiple-peer reviewed studies conducted by the centre’s researchers. It was launched at COP27 in 2022.



COP28: New scenario-modelling facility at NUS

About

Building upon the work on the Dashboard, CNCS launched a S\$1 million scenario-modelling facility at COP28. This facility is located on the NUS campus, and allows users to come together to model different scenarios based on their understanding or predictions of policy or market changes in carbon markets.

The interactive platform maps out three types of carbon credits and the share of each type across the 10 Southeast Asian countries.

Impact

The scenario modelling capabilities enable on-the-fly calculations of potential carbon projects under different policy or market situations. This will allow decision makers to identify the most optimal strategies for establishing new projects or sourcing of credits and promote quicker conservation action.