

# BG6 – High-Quality Blue Carbon Credits at the EU Level - Dream or potential reality?

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For Blue Carbon ecosystems (coastal wetlands, including tidal marshes , mangroves, seagrasses... ) the pace of progress on carbon accounting and removal has been slow. Despite their small surface area, BC ecosystems have the potential to sequester a large amount of carbon. Yet, **these ecosystems are critical to achieving carbon removal goals**

## Role of BC ecosystems in the evolving landscape of **carbon markets**

- Potential of coastal and marine ecosystems in **carbon sequestration and storage**
- **Methodologies** for quantifying and monitoring these carbon sinks, and **role of EO**
- Challenges and opportunities in integrating Blue Carbon projects into existing **carbon market frameworks and policy developments** such as within CRCF



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## State of the Art - 1st baseline of blue carbon stock

Key challenges : difficulty of **mapping submerged ecosystems** like seagrasses and the limitations in **assessing soil carbon pools**.

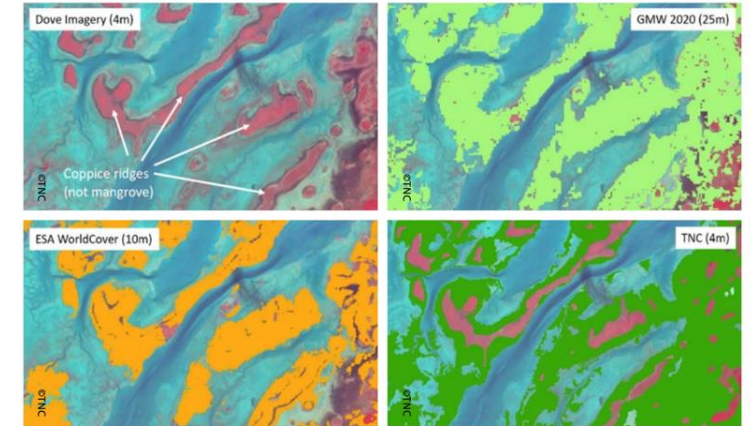
## Moving Forward: Action Now Is Better Than Perfection!

Focus here is on understanding the urgency: **what should be protected**, in what priority order, and within what timeframe to prevent carbon loss and ecosystem degradation? **Make BC ecosystem accountable for EU and national climate plan**

## Investment needs for scaling Blue Carbon projects

**Investment is needed in advanced EO tools** to track both above and below-ground carbon stocks and detect early signs of ecosystem degradation.

Investments should also focus on **ground calibration sites and training** to ensure the accuracy of EO data



Schill et al.

