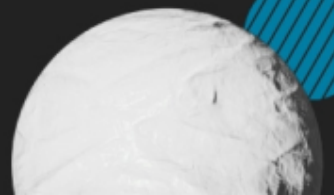
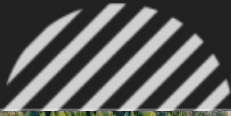




Nature-based Climate Solutions:

Using Crediting Tools and Remote Sensing to Streamline Project Evaluation

McKenzie Zael
Carbon and Sustainability Analyst





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NbCS Team: Brendan Player, Josh Running, Ben Smith, Jonathan Scheibly, Nicholas Pomplun, Emily Pawloski, Marina Loiacono, Christiana Jansen



CarbonWATCH: Grant Wiseman, Martha Farella

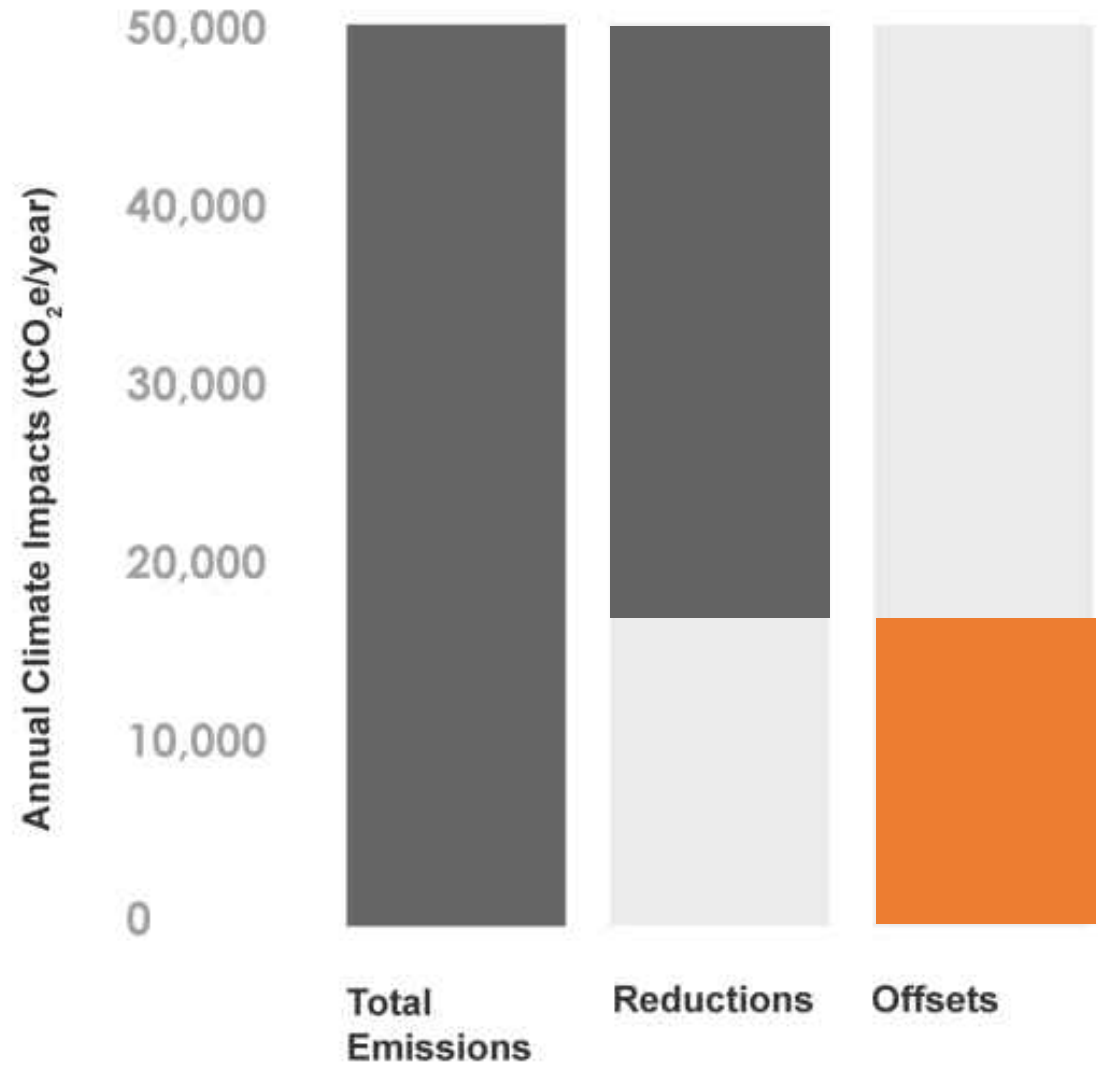
Program Support: Francis Wiese, Dom Kempson, Scott Peyton, Chuck Roadley, Travis Crayosky, Ginny King, and many others





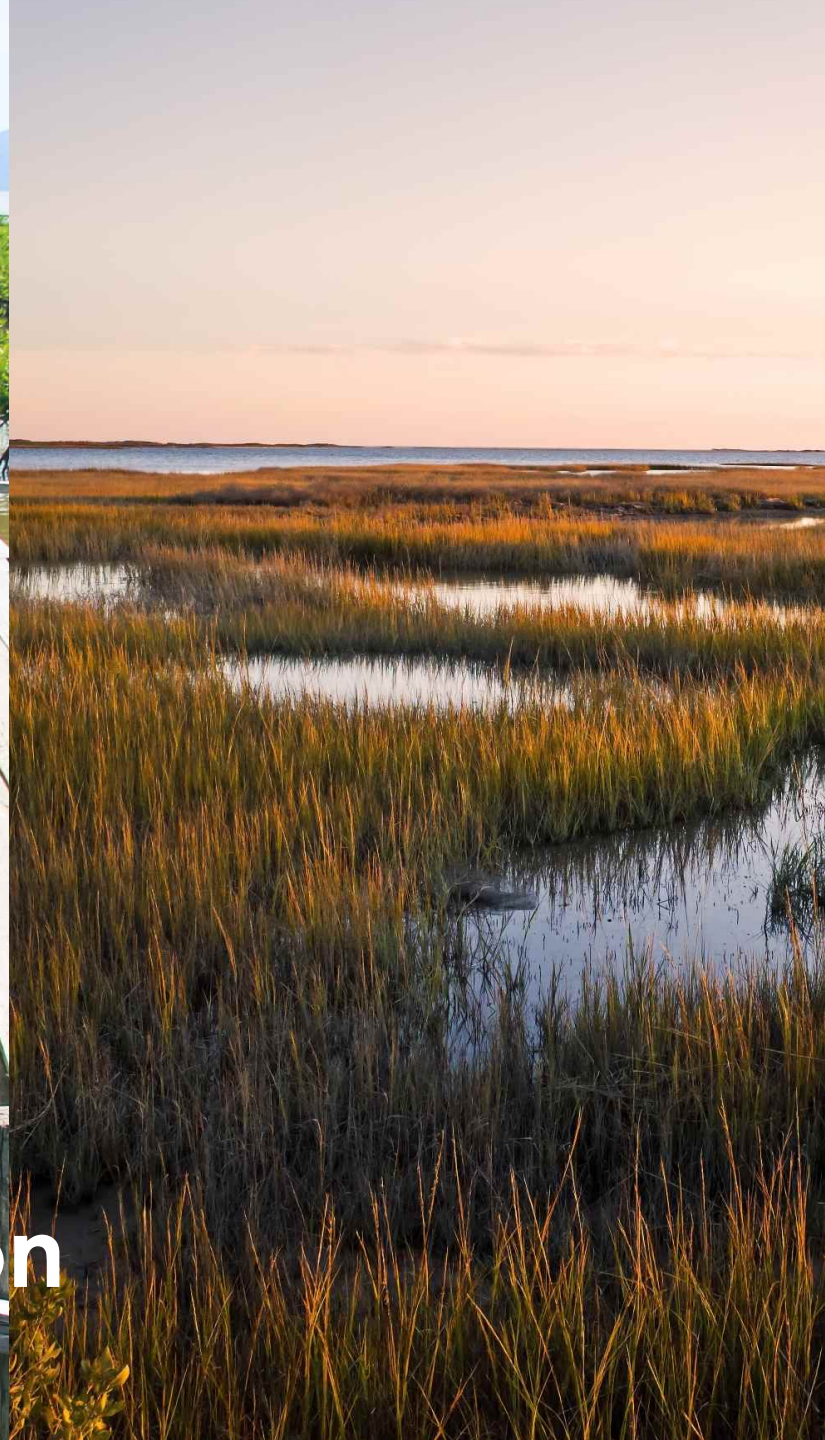


You've made commitments, now what?



An aerial photograph of a forest. The trees are densely packed and show a mix of vibrant green and yellowish-green hues, suggesting a transition in seasons or a specific forest type. The ground between the trees is dark and appears to be covered in low-lying vegetation or forest floor litter. The overall scene is a top-down view of a natural landscape.

Nature-based Climate Solutions (NbCS)



Nature-based Carbon Sequestration



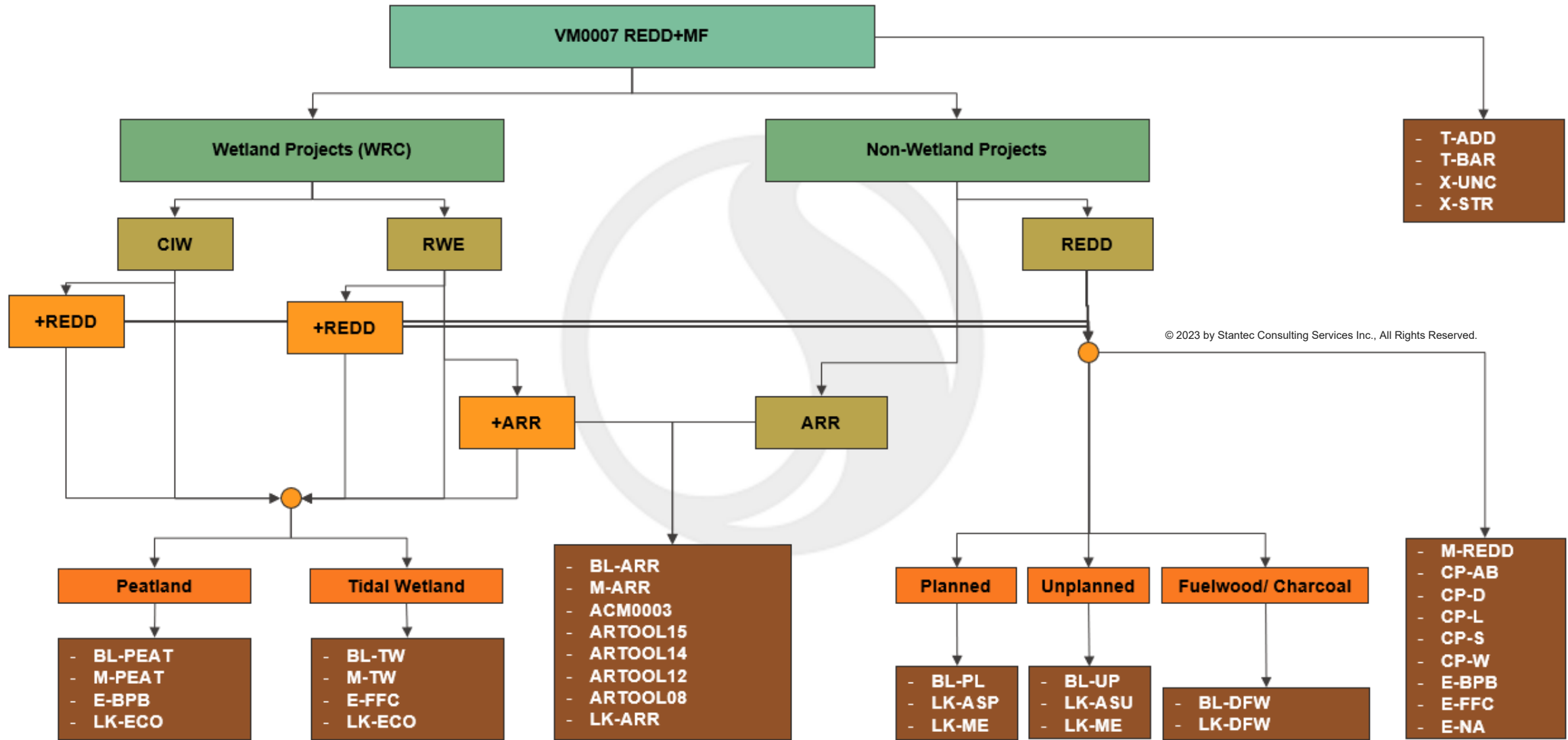
Carbon Credit Tool

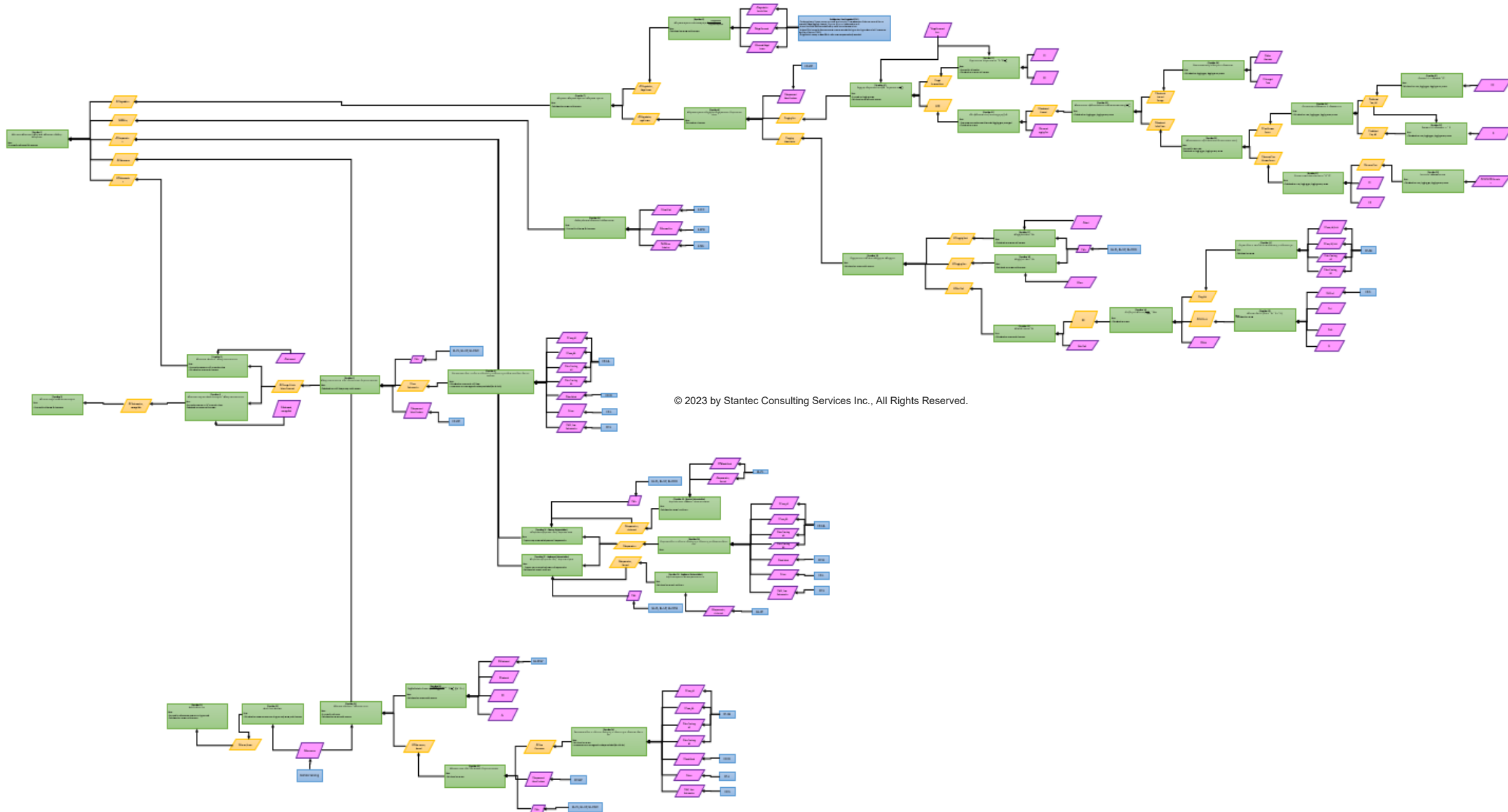
Carbon credit calculation and certification

Version: P2.0

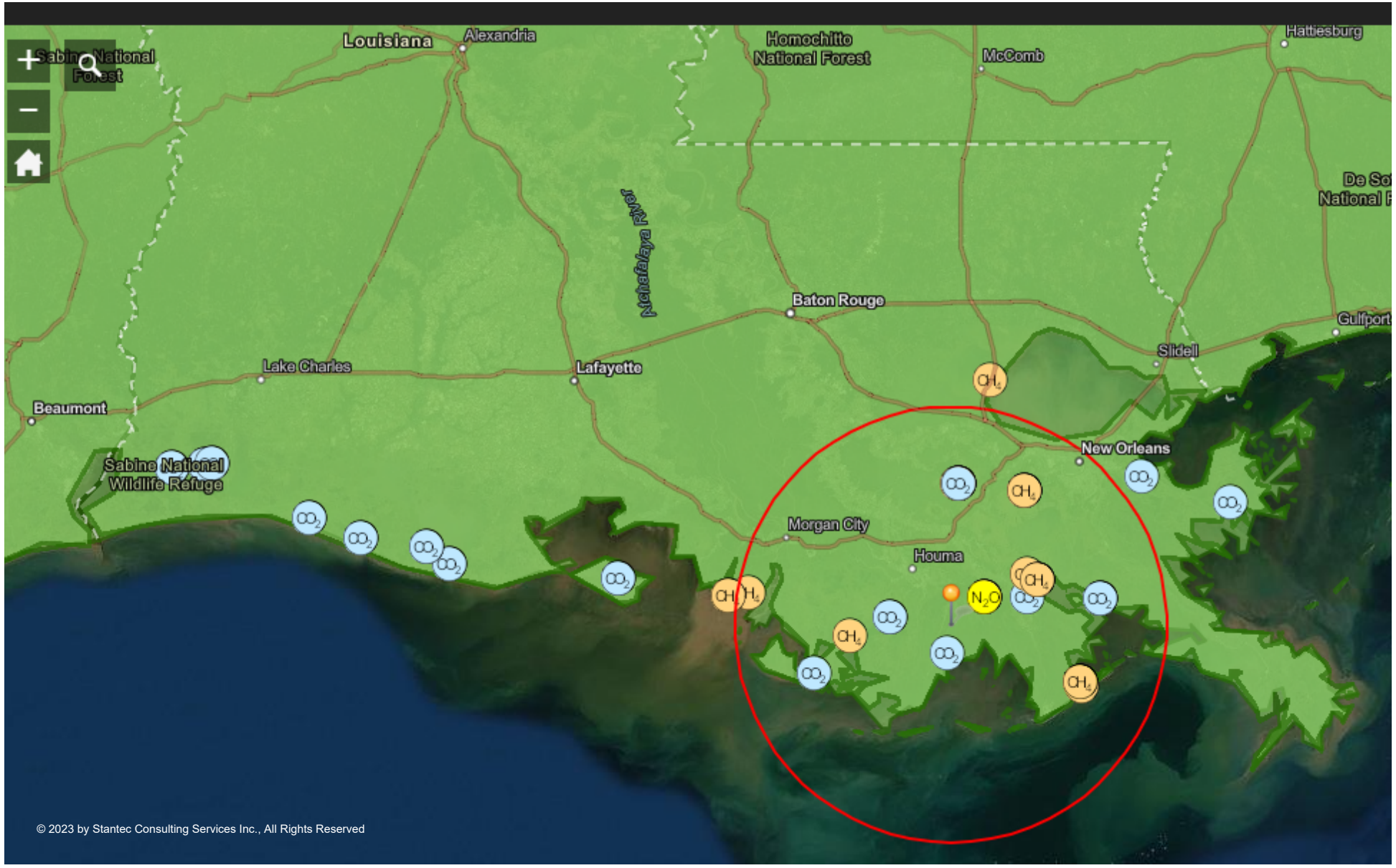
Created by: Brendan Player, McKenzie Zuel, Elise Ljiko, Emily Pawloski,
Nicholas Pomplun, Jonathan Scheibly, Ben Smith, and Angela Taylor

Funded by: Stantec Innovation Fund
Collaborators: Francis Wiese and Josh Running





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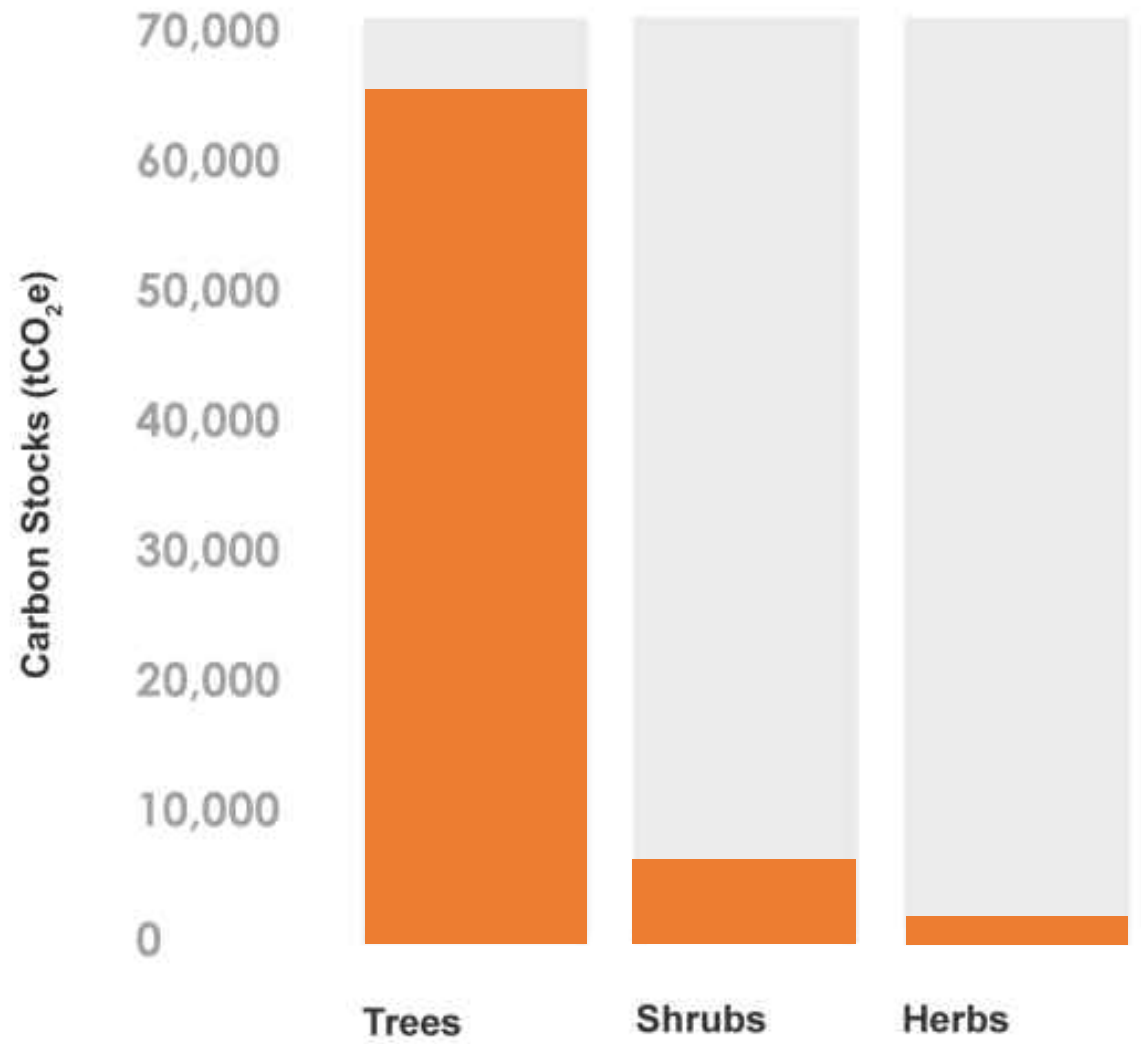


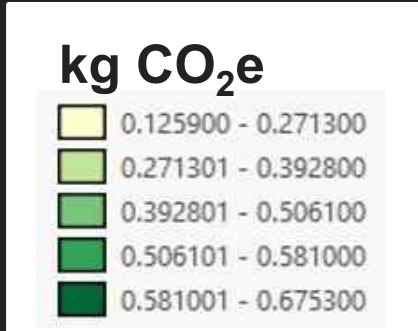
CarbonWATCH

INNOVATIONS IN CLIMATE RESILIENCE



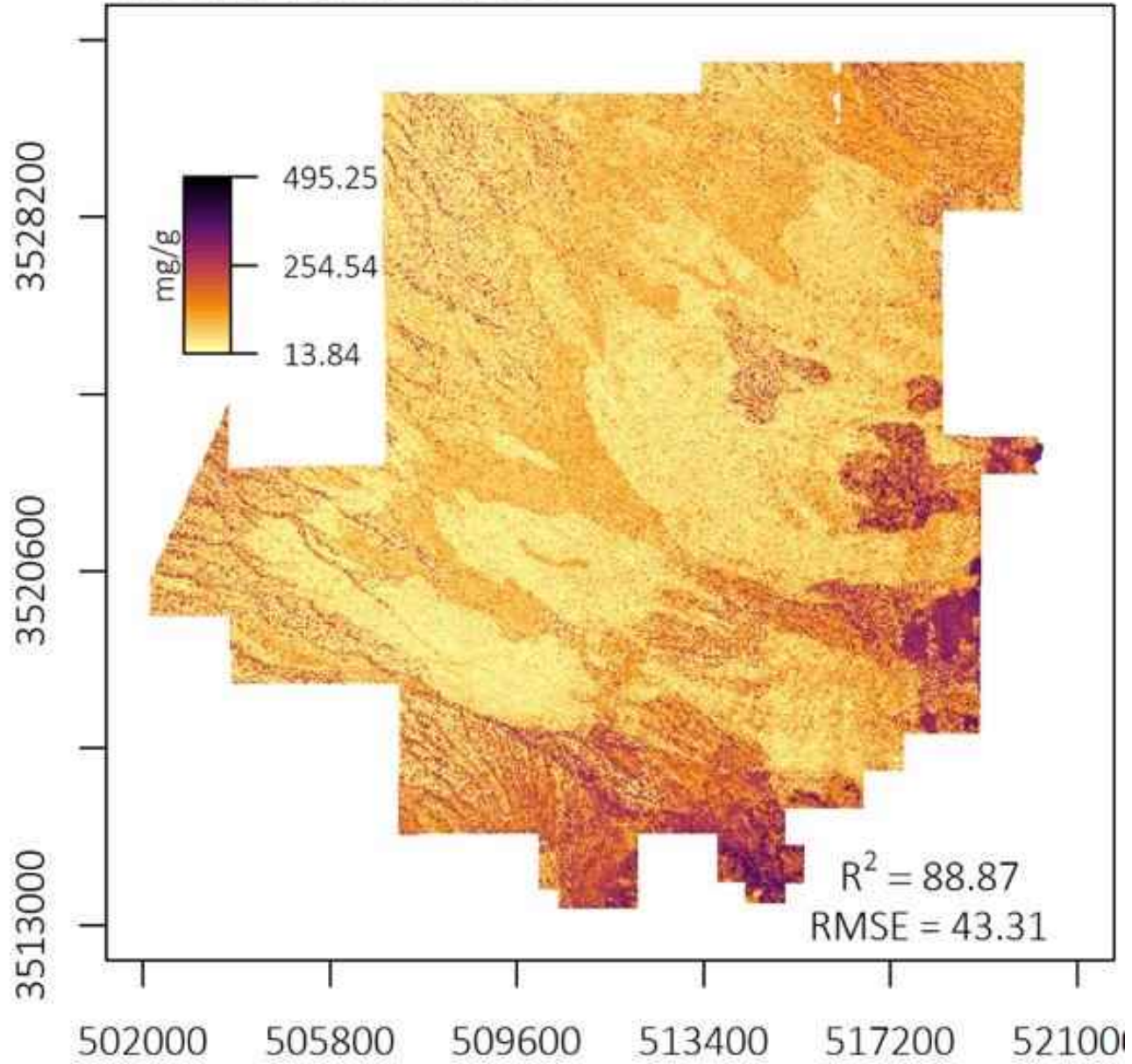
Carbon stored within the ecosystem

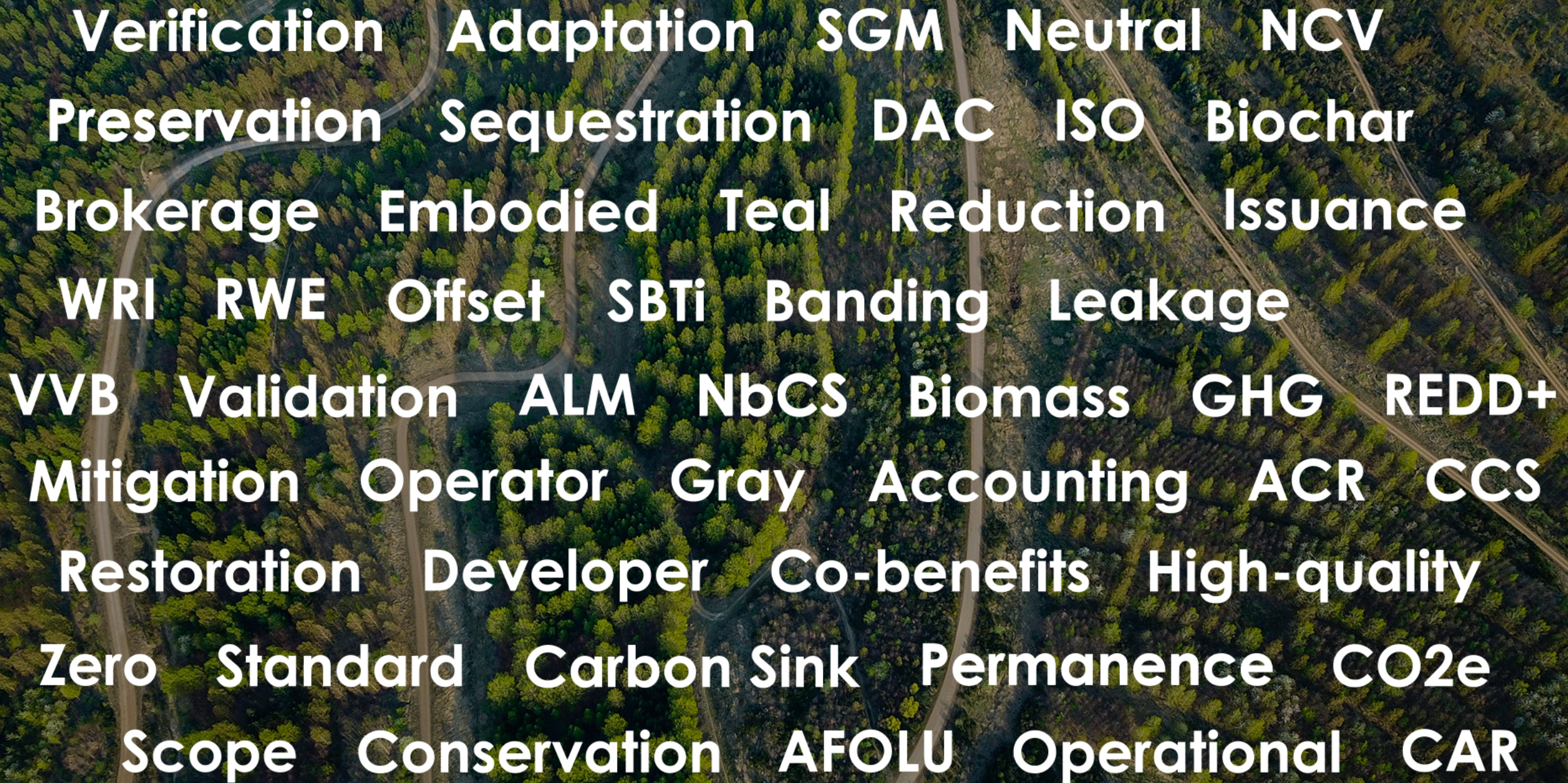






Microbial Biomass Carbon



An aerial photograph of a lush green forest with a winding river and several dirt roads. The text is overlaid on the image in a white, bold, sans-serif font.

Verification Adaptation SGM Neutral NCV
Preservation Sequestration DAC ISO Biochar
Brokerage Embodied Teal Reduction Issuance
WRI RWE Offset SBTi Banding Leakage
VVB Validation ALM NbCS Biomass GHG REDD+
Mitigation Operator Gray Accounting ACR CCS
Restoration Developer Co-benefits High-quality
Zero Standard Carbon Sink Permanence CO2e
Scope Conservation AFOLU Operational CAR



Questions?

