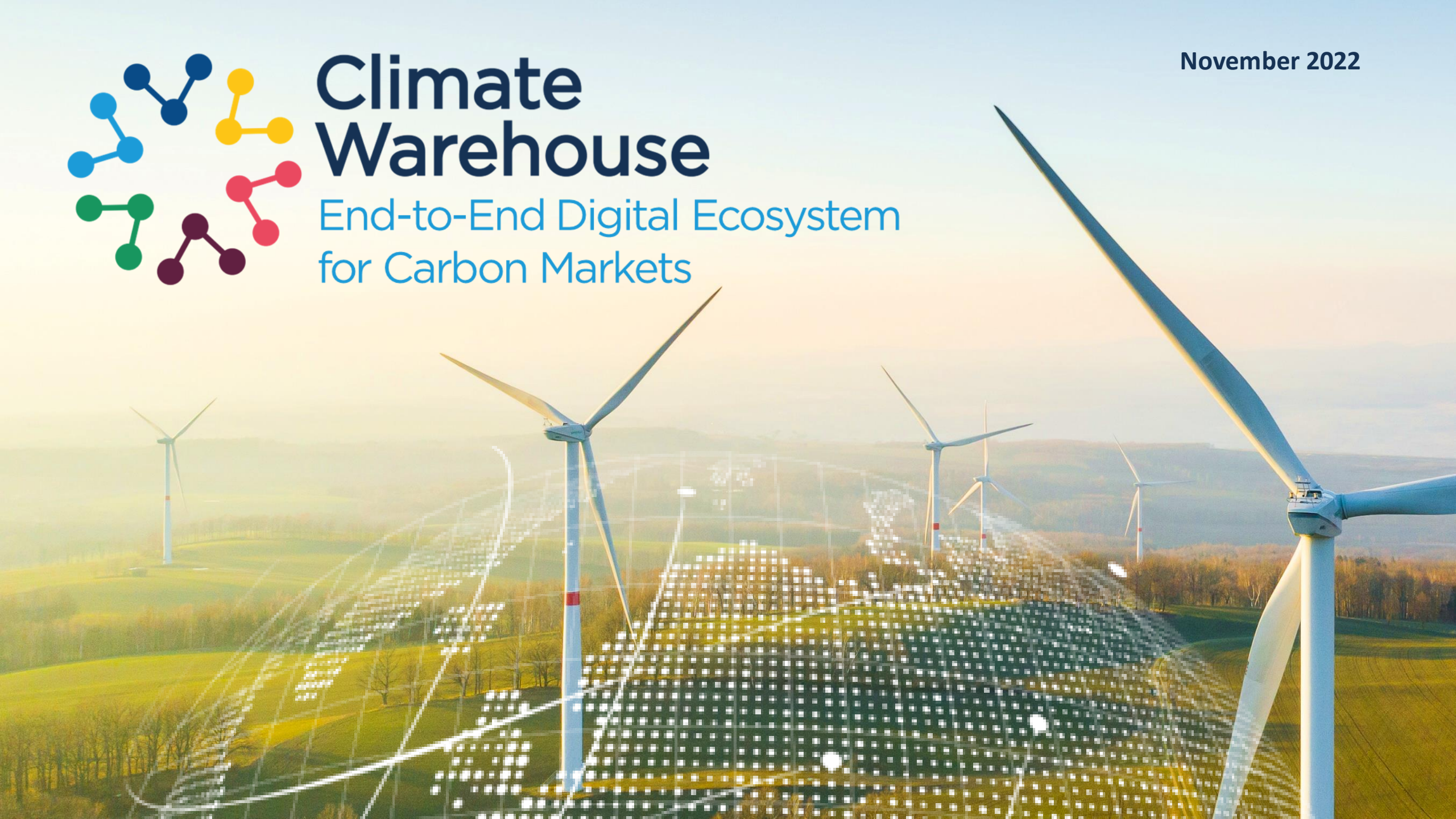




Climate Warehouse

End-to-End Digital Ecosystem
for Carbon Markets

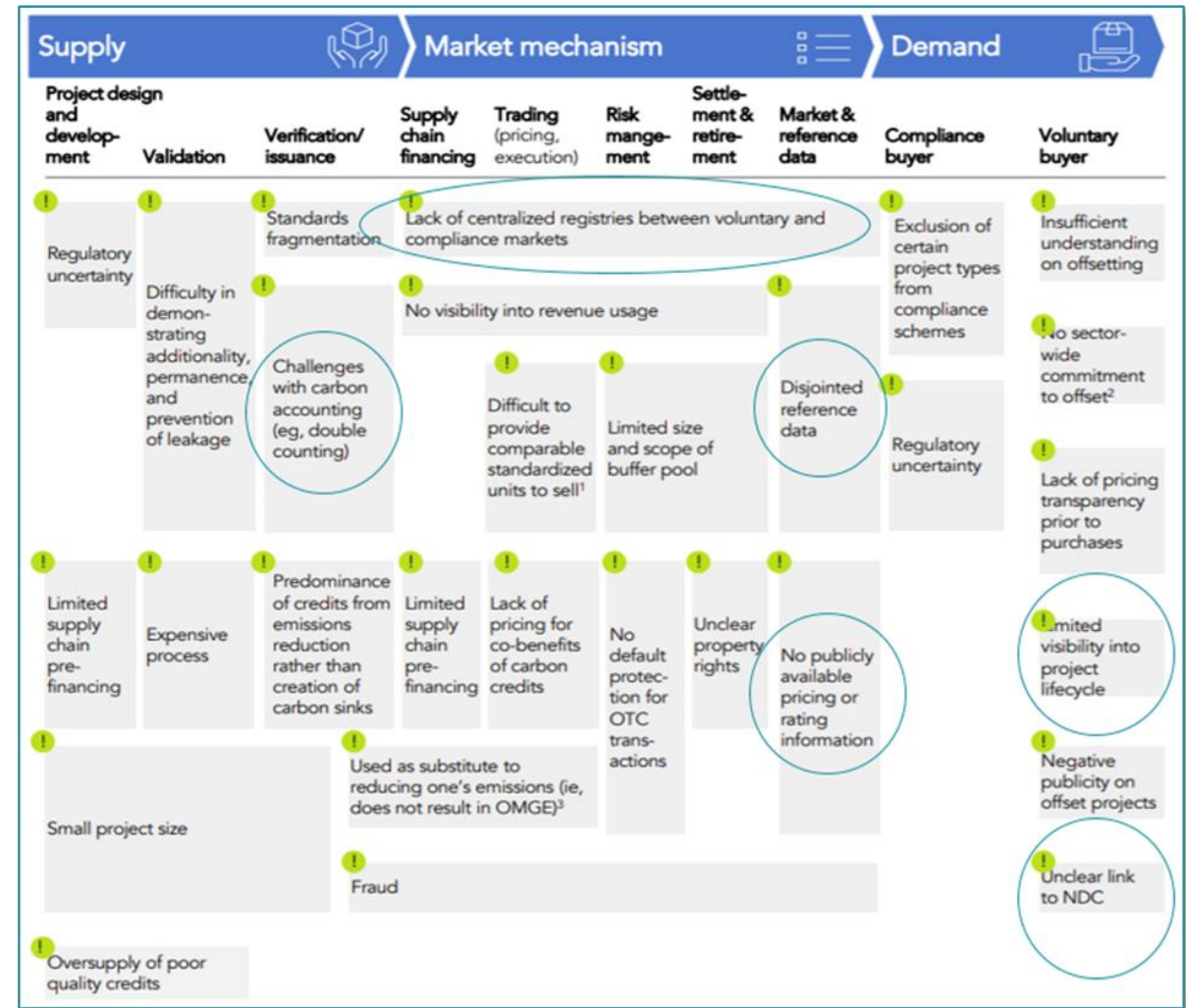
November 2022



Challenges in the Scale-up of Voluntary Carbon Markets

- **Post-2020 markets under the Paris Agreement will be built through a bottom-up approach**, as each party to the Agreement is required to track the greenhouse gas (GHG) emission reductions (or removals) achieved—and has considerable leeway to determine how this will be done.
- **The bottom-up nature of future carbon markets comes with increased complexity and diversity of reporting and verification approaches** for GHG emissions inventories and mitigation outcomes:
 - Limited transparency
 - Limited liquidity
 - Market fragmentation and inaccessibility
 - Quality variability
 - Lagging methodologies
- There is significant potential for **digital infrastructure** to underpin and streamline the functioning of post-2020 carbon markets.

Report by Taskforce on Scaling Voluntary Carbon Markets (TSVCM)

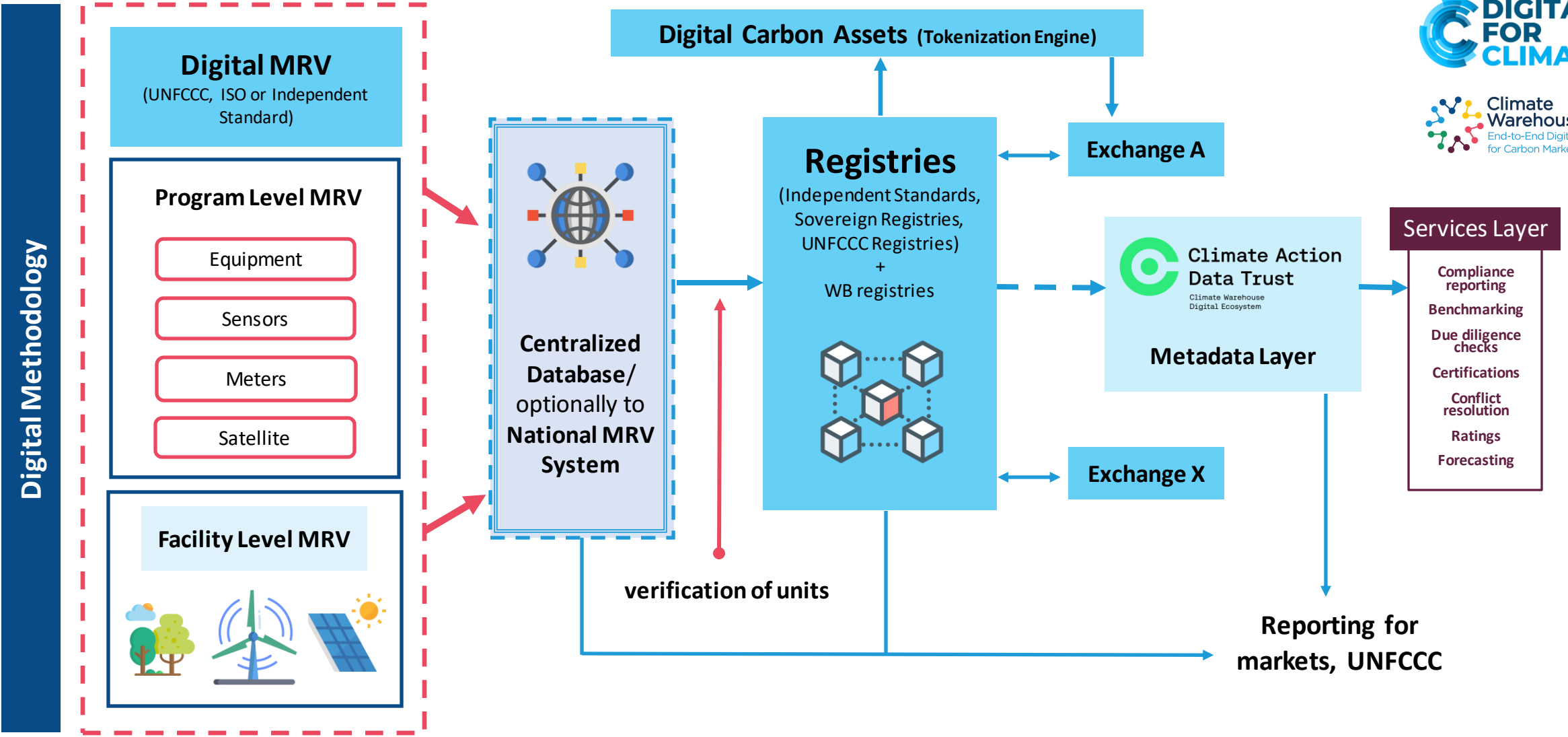


Source: Adams, Tim. Winters, Bill. Nazareth, Annette and Mark Carney Taskforce on Scaling Voluntary Carbon Markets Phase 1 Final Report: January 2021, TSVCM, pg. 45



Data and trade infrastructure is a precondition to scale a transparent and inclusive carbon market

Climate Warehouse is piloting the digitization of the carbon market ecosystem



Digital Methodology

Digital work-flow
 project preparation from document development, approval, validation to registration in applicable standards



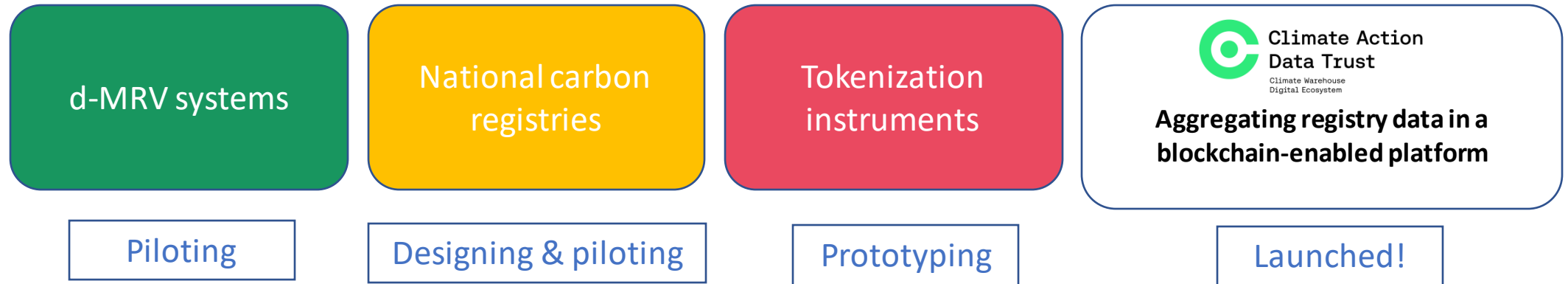
World Bank's Climate Warehouse Program:

Building an End-to-End Digital Ecosystem for Carbon Markets



Climate Warehouse

End-to-End Digital Infrastructure for Carbon Markets



<https://climateactiondata.org/>

Designing, prototyping, piloting and validating digital infrastructure for the scale up of carbon markets and finance