

StoneX[®] Carbon Solutions

StoneX Carbon Solutions course offering

Digital Platform Design for Carbon Markets and Climate Finance in the Agricultural Sector

Digital Platform Design for Carbon Markets is designed to help you evaluate, structure, and scale credible programs. StoneX translates carbon market complexity into clear platform and operating requirements across standards, project viability, governance, and commercialization so you can make confident decisions and move from concept to execution.

Course details

- The course runs from **April 21, 2026** to **October 21, 2026**
- Sessions are held **every two weeks**
- Total duration: **60 hours**
- **Limited seats available**

Who should attend

- Financial institutions and development banks
- Sustainability and climate strategy teams
- Agricultural and forestry sector leaders
- Carbon project developers and technical advisors
- Digital platform architects and innovation teams
- Executives and decision-makers in climate finance
- General public interested in carbon markets and climate finance

Delivery approach

Hybrid delivery (virtual + in-person), combining practical instruction with workshops, case studies, and tools (models, checklists, templates) to support real-world implementation.



Course modules

Module 1: Carbon Market Fundamentals and Regulatory Frameworks

- Introduction to carbon markets
- National and international regulatory frameworks
- Key market actors
- Major carbon standards
- Agricultural methodologies aligned with Core Carbon Principles (ICVCM)
- National climate commitments and agricultural sector opportunities

Module 2: Market Supply, Demand and Segmentation

- Supply-demand dynamics in carbon markets
- Carbon pricing mechanisms by project type (AFOLU, forestry, agriculture)
- Buyer segmentation and preferences
- Market risks and commercialization opportunities
- Market intelligence and pricing trends

Module 3: Carbon Project Life Cycle

- Project stages: design, validation, implementation, monitoring, verification, commercialization
- Roles of developers, certifiers, verifiers, and buyers
- Applicable standards (VCS, CAR, Plan Vivo, others)
- Case study analysis

Module 4: Preliminary Project Evaluation

- Additionality and baseline concepts
- Emission reduction estimation and financial feasibility assessment tools
- Cost structures of carbon projects
- Technical and geographic eligibility criteria

Module 5: Environmental and Social Safeguards

- Safeguard criteria in agricultural carbon projects
- Application of environmental and social integrity principles
- Co-benefit metrics (biodiversity, water, social inclusion)



Module 6: Carbon Credit Commercialization

- Buyer segmentation strategies
- Price dynamics and valuation criteria
- Transaction mechanisms: ERPAs, forward contracts, and offtake agreements

Module 7: Conceptual Design of Carbon Digital Platforms

- Modular platform structure
- User segmentation and navigation flows
- Functional architecture for producers, technicians, and financial users
- Platform co-creation workshop

Module 8: Blueprint Design and Operational Flows

- Digital blueprint concepts
- Navigation flows and information hierarchy
- Functional components: filters, search engines, interactive tools
- Development of functional blueprints per module

Module 9: Technical Content Development for Digital Platforms

- Structuring technical and methodological content
- User-segmented knowledge architecture
- Stand-alone emission estimation tools
- Financial assessment tools

Module 10: Train-the-Trainers Program

- Adult learning principles
- Learning pathways by user profile
- Technical facilitation best practices
- Institutional replication strategy

Course objectives

- Understand the structure and functioning of voluntary and compliance carbon markets
- Identify applicable regulatory frameworks and international carbon standards
- Analyze supply, demand, and price dynamics in carbon markets
- Evaluate technical and financial feasibility of agricultural carbon projects
- Incorporate environmental and social safeguards into platform architecture
- Design conceptual and functional blueprints for digital carbon platforms
- Structure commercialization mechanisms and carbon credit transaction models

Key learning outcomes

Participants will be able to:

- Design a comprehensive digital carbon platform architecture
- Apply international carbon standards and methodologies
- Assess technical, financial, and environmental project viability
- Structure governance and benefit-sharing models

Course Fee: \$6,500 USD

The course fee includes all training sessions, technical materials, practical tools, and certification upon completion. Group discounts are available for registrations of more than 5 participants. Please contact us for more information.

Request course details

Ana Maria Zapata Velez

Manager, Carbon Solutions Advisory
AnaMaria.Zapata@StoneX.com

Alfredo Nicastro

SVP, Global Head of Carbon Markets
Alfredo.Nicastro@StoneX.com

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