

Resilience Constellation

Evidence-based ratings and tools to measure, monitor, and build climate resilience in agricultural systems.

Resilience Constellation helps financial institutions, enterprises and governments assess and strengthen climate resilience across global supply chains and agricultural assets. We combine ground-up farm assessments with top-down satellite and geospatial insights, bridging the gap between broad climate models and actionable farm-level decisions.



What We Do

We deliver data-driven tools, ratings, and financial solutions designed to direct investments in resilience, protect asset value and ensure long-term agricultural stability.

Climate Resilience Ratings (CRR)

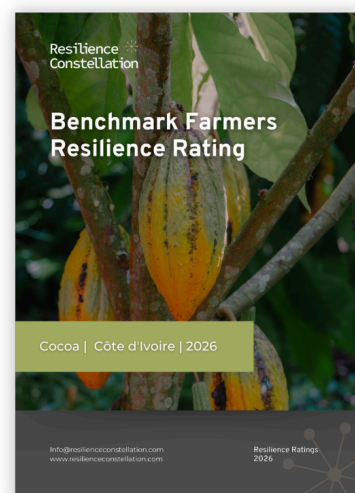
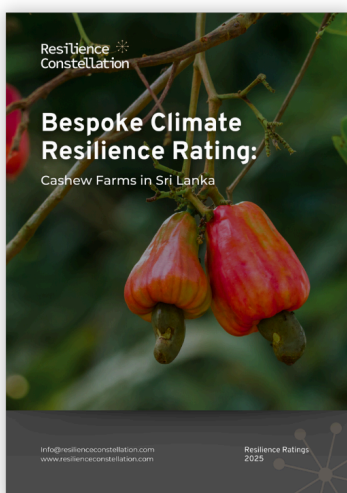
Farm to national scale scoring and benchmarking frameworks that quantify exposure, sensitivity, and adaptive capacity to climate hazards such as drought, floods, and extreme heat. Annual monitoring tracks how these scores shift over time.

Contracts for Resilience (CFR)

Innovative financing and insurance mechanisms, designed and implemented to direct capital to farm-level adaptation measures without placing unsustainable debt burdens on producers.

Strategic Advisory and Compliance

Advisory and customised training packages to support compliance reporting, value-at-risk (VaR) evaluation, and long-term climate adaptation planning.



Solutions for Key Stakeholders

Partner Sector	Value Delivered	Key Applications
Financial Institutions & Lenders	Objective resilience metrics to inform underwriting, manage portfolio risks, and target green finance initiatives.	Baseline resilience ratings, risk profiling, and adaptation monitoring.
Agribusinesses & Food Brands	Visibility into supplier vulnerabilities to ensure long-term supply chain continuity and meet ESG reporting goals.	Supply chain monitoring dashboards, FLAG carbon accounting, and farmer engagement.
Insurers & Impact Investors	Data-driven frameworks to design parametric insurance products and blended finance vehicles for climate adaptation.	Parametric trigger monitoring, loss mitigation models, and revolving adaptation funds.
Governments & Agencies	Granular data on farming systems to guide national food security strategies and climate resilience investments.	Agro-climatic zone studies, regional resilience benchmarks, and grant impact monitoring.

Why Resilience Constellation?

Proprietary Methodology

Unique, evidence-based rating process grounded in peer-reviewed vulnerability research.

Scalable Data Integration

Automated scoring tools paired with advanced satellite earth observation capability.

Action-Oriented Insights

Focuses on practical, incremental adaptive measures that benefit producers, enterprise buyers and investors.

By combining deep agriculture sector knowledge with applied experience in measuring climate risk and designing adaptation solutions, our team develops practical approaches that reflect local context to deliver information customers can act on.

Contact Us

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