Advancing Digital Solutions, Durability, & Jurisdictional REDD

VERRA STAKEHOLDER UPDATE WEBINAR

July 29, 2026

Photo by Lisa Murray. Bale Mountains Eco-Region REDD+ Project, Ethiopia (Verra Project 1340).

AGENDA

- CEO Intro
- Verra's Next Generation Registry: Demo and What's Next
- DMRV Pilots
- Durability Pilot
- Jurisdictional Nested REDD Scenarios
- Open Q&A

Verra's Next Generation Registry

Joe Dell'Orfano
Chief Technology Officer

Breffni Lynch, Senior Director,
Verra Registry and Data Management

Photo by Lisa Murray. Bale Mountains Eco-Region REDD+ Project, Ethiopia (Verra Project 1340).

What's Fundamentally New

Step-Change Improvements

- Modern, intuitive user interface
- Streamlined workflows across project and unit lifecycles
- Integrated ecosystem via Project Hub
- Expanded reporting and analytics capabilities
- Foundation for API-enabled ecosystem integration

Support resources: verra.org/verra-registry-transition/

The Verra Registry: A Platform for Continuous Innovation

Q3 / Q4 '26

Enhance ⚙️ – Phase I.5

Improving workflows, usability, and transparency

- Transaction APIs
- ISFL/FCPF
- Streamlined workflows
- Better stakeholder experience
- Expanded transparency
- Project Hub single sign-on integration

Q4 '26 – Q2 '27

Expand 📊 – Phase 2

Unlocking automation, insights and digital services

- Advanced reporting and dashboards
- Portfolio and market insights
- Automated data processing
- Digital monitoring integration
- Self-service and multilingual experiences

Ongoing

Connect 🌐 – Future

Connecting stakeholders, systems, and carbon markets

- Connected market ecosystem
- External unit transfers
- Registry and platform integrations
- Broader national registry connectivity
- Integrated market intelligence

DMRV Pilots

Joe Dell'Orfano
Chief Technology Officer

Demonstrating Faster Verification and Issuance

DMRV creates a more connected pathway from monitoring through issuance, reducing manual effort while improving transparency, consistency, and speed.

Connected monitoring data → Automated validation checks → Methodology calculation outputs → Generated predefined reports → Review-ready evidence → Faster review and issuance

Benefits:

- Faster review cycles
- Greater transparency
- More consistent data quality
- Scalable verification processes
- Foundation for higher-frequency issuance

~70% faster
SLA on first high-frequency issuance (no findings)

63 vs 163 days
Digital vs. traditional review cycle

DMRV - Moving from concept to implementation

Building a scalable pathway for digital verification and more frequent issuance

Active Pilots across Five Methodologies

- Carbon Capture and Storage (VM0049)
- Renewable Electricity (AMS-I.D)
- Electric Vehicle Charging (VM0038)
- Improved Cookstoves (VM0050)
- Afforestation, Reforestation and Revegetation (VM0047)

Pilot → Scale

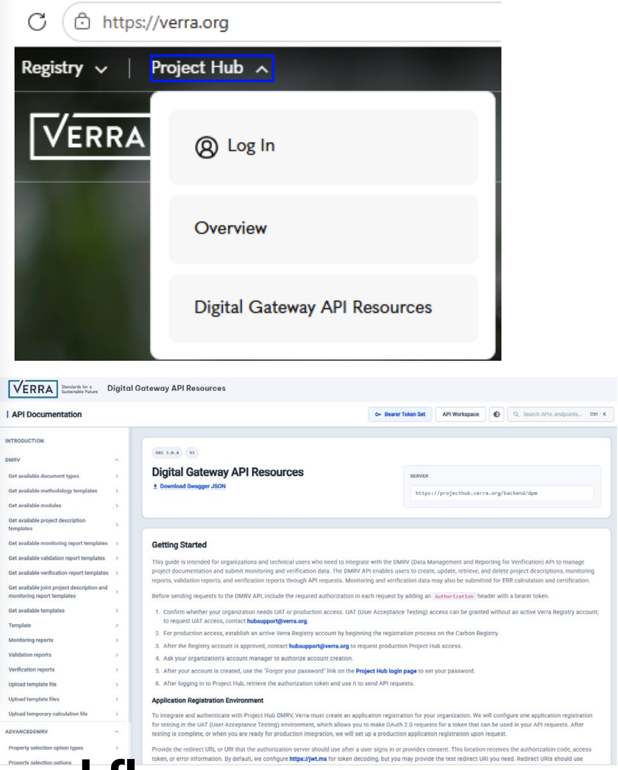
Streamlined, Automated Processes / More Frequent Issuance

- Vetted ARR Data Service Providers

Sylvera kanop Chloris Geospatial

- Automated data ingestion
- Simplified Monitoring and Verification report templates
- More frequent issuance cycles

API Documentation



24 digital methodologies supporting DMRV-enabled verification workflows

Expanding participation across the DMRV ecosystem is helping scale digital verification

What We've Learned from Early DMRV Implementations

1 Data Readiness

Success depends on aligning project data directly to methodology requirements and verification needs.

2 Repeatable Integration

APIs, templates, and validation rules create a reusable foundation that can support many projects using the same methodology.

3 Review Readiness

Automated validation and digital review workflows help reviewers focus on exceptions rather than manual data checks.

4 Version Alignment

New templates and standards updates are being incorporated into Project Hub to support future scalability.

Pilots are helping define standards, integrations, and workflows needed to scale trusted digital verification

Durability Pilot

Liz Guinessey
Manager, VCS Program Development

AgreenaCarbon Project, Europe (Verra Project 4022).

Why pilot alternatives to the pooled buffer account?

Growing market interest
in alternatives like insurance

Alternatives could unlock
higher levels of finance

ICVCM permanence report
on **innovation sandbox**

AgreenaCarbon Project, Europe
(Verra Project 4022).

Overview of the durability pilot

Pilot launched with VCS v5 in December 2025 and will last 3 years

Project proponents may use **insurance** or a **fund-based approach**

VCUs from piloting marked with an "innovation" label

Where a reversal occurs, VCUs marked as *reversed* in Verra Registry

Photo by Lisa Murray. Bale Mountains Eco-Region REDD+ Project, Ethiopia (Verra Project 1340).

Who can participate in the durability pilot?

Projects with reversal risk (i.e., AFOLU or GCS project types)

Projects that will issue VCUs during the piloting period

Projects that pass the non-permanence risk assessment (i.e., AFOLU or GCS NPRT)

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NPRT = Non-Permanence Risk Tool

Application process

- Interested project proponents are invited to submit an EOI, accepted on a rolling basis.
- Where evidence of the approach is not available at the time of submission, early-stage evidence may be submitted, such as an insurance term sheet or letter of intent from a fund manager. Verra will review early-stage evidence and issue **conditional approvals**.
- **Full approval** granted upon submission of complete supporting evidence, such as a signed insurance policy meeting pilot criteria or documentation from a banking institution.
- Verra has approved insurance policy wording for use under the pilot from CarbonPool and Kita.
- For full requirements, see Overview and Application Process.

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Long-term outlook

- Over the three-year pilot, Verra will compile data on the alternative approaches across participating projects
- Findings will be shared with stakeholders, to inform ongoing discussions on durability
- At the pilot's conclusion, Verra will assess whether alternative approaches will be permitted permanently, and under what conditions
    - Eligibility for CCP label
- If the pilot is discontinued, participating projects may rejoin the pooled buffer without contributing for the pilot years.
    - Where this occurs, the buffer cannot be used to cover reversals affecting VCUs issued during the piloting period

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Jurisdictional Nested REDD Scenarios

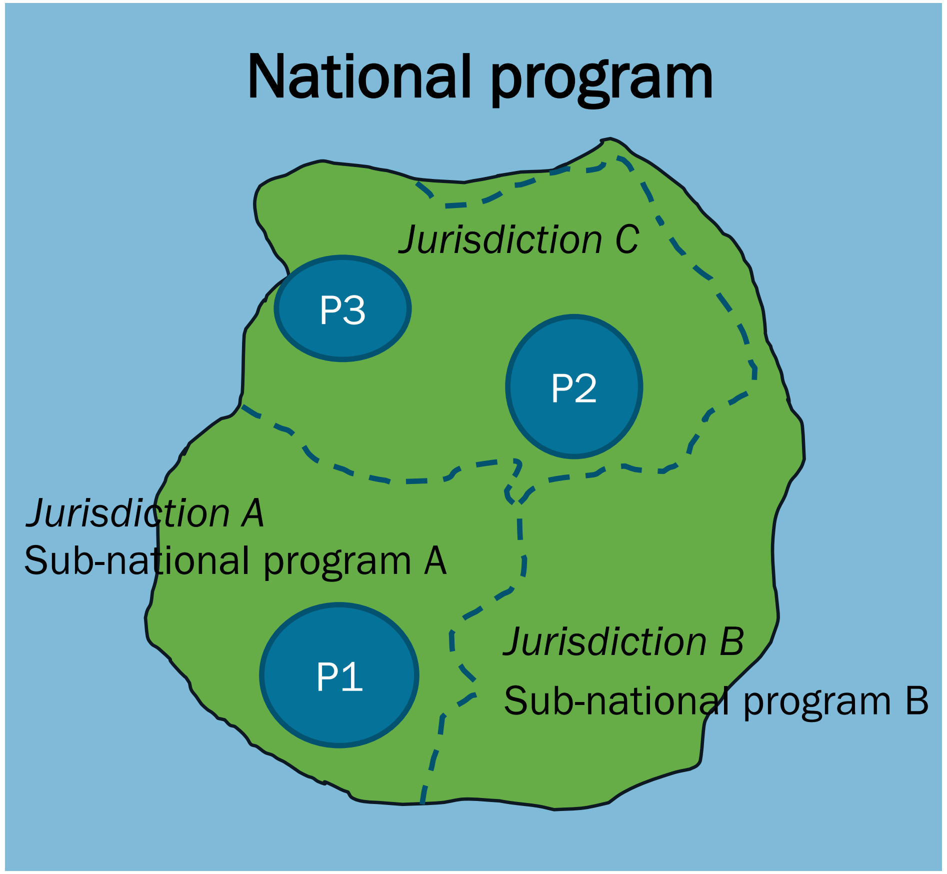
Katie Goslee
Director Forest Carbon

Photo courtesy of Keneco. Mindanao Tree Planting Program for our Climate and Communities (MinTrees), Philippines (Verra Project 2412)

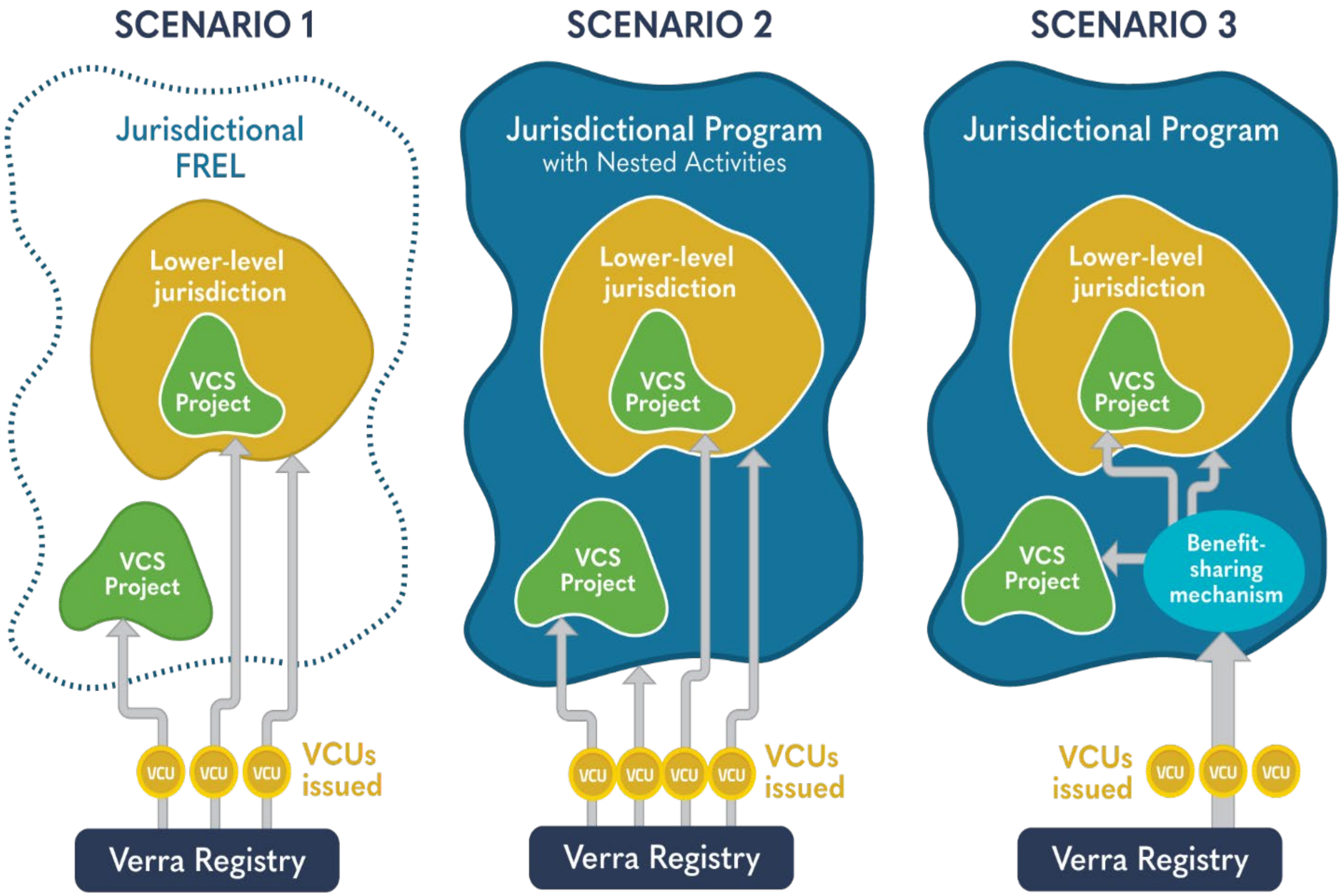
VCS Jurisdictional and Nested REDD+

Jurisdictional & Nested REDD+

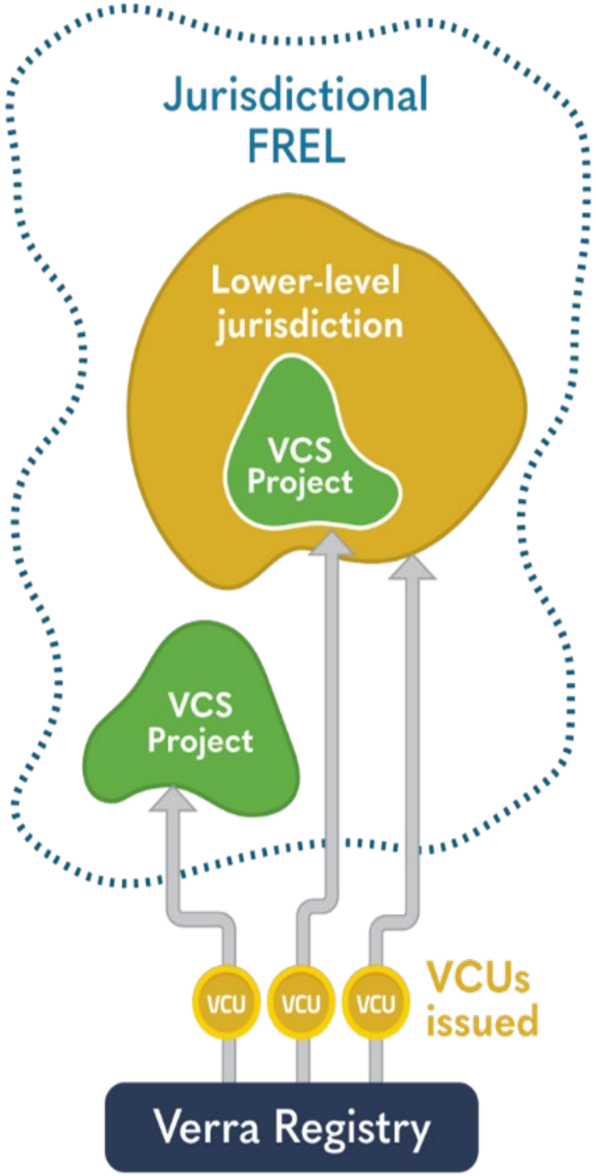
- Guidelines for governments
- Government-led approach
- Facilitates coordination and integration across various scales
  - MRV
  - Carbon accounting
  - Public policies, programs, and projects
  - Investments and financing mechanisms
  - Safeguards systems
- Allows for adaptability



Jurisdictional and Nested Scenarios

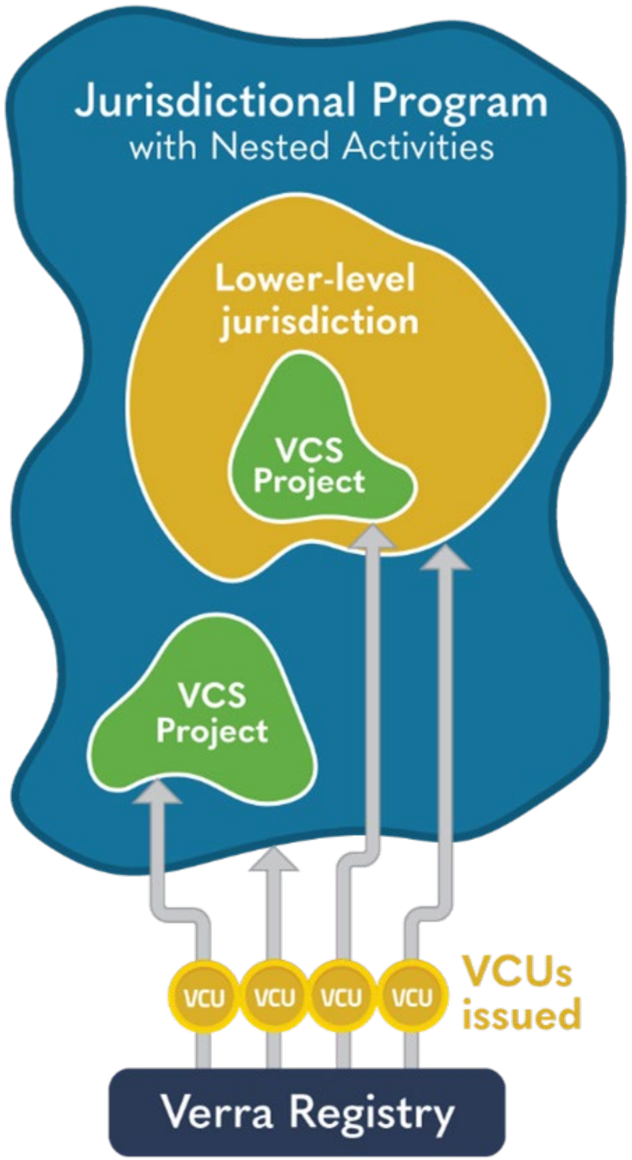


Jurisdictional and Nested REDD: Scenario 1



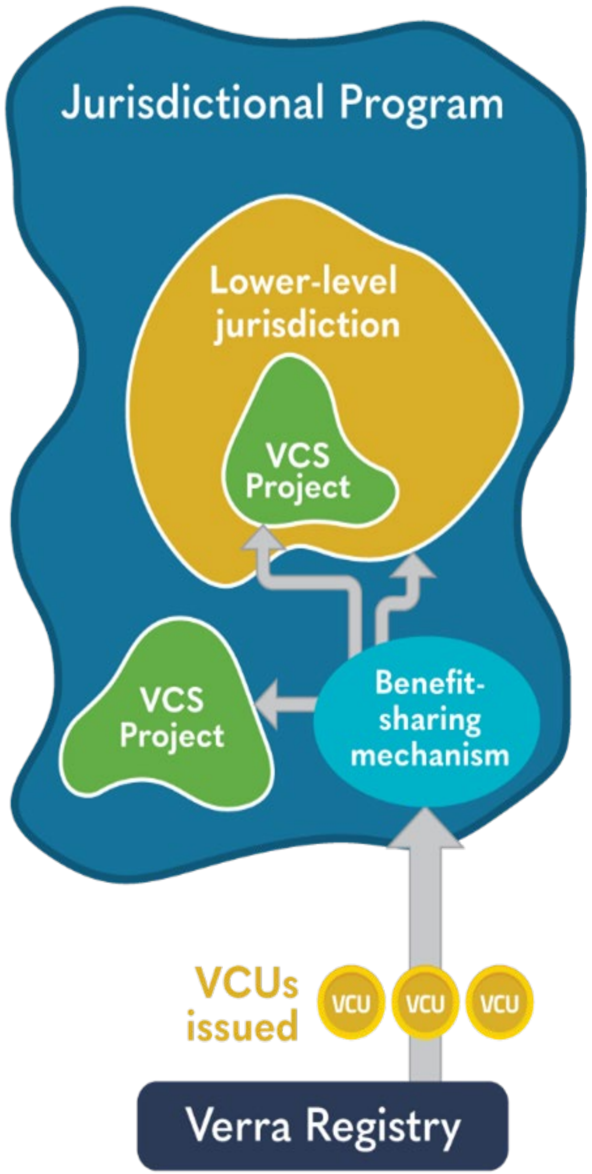
- Jurisdictional government is not registering a REDD program with the VCS but allows projects and sub-jurisdictional programs to register as nested projects or programs
- A jurisdictional FREL is developed and registered in the VCS.
- Portions of the FREL are allocated to projects and/or lower-level programs, which then have nested baselines
- Carbon accounting and crediting occur only for nested projects and lower-level jurisdictional programs

Jurisdictional and Nested REDD: Scenario 2



- Jurisdictional government registers a jurisdictional program with nested activities
- Jurisdictional program consistently integrates GHG estimation and accounting of:
  - jurisdictional activities and
  - "nested" REDD+ projects and lower-level programs
- Both jurisdictional program and nested projects and lower-level programs issue VCUs (Scenario 2a)
- Jurisdictional program does not generate/claim carbon credits, but nested projects and lower-level programs do (Scenario 2b)

Jurisdictional and Nested REDD: Scenario 3



- Jurisdictional government wants to be credited for the GHG emission reductions achieved by REDD activities carried out in the jurisdiction
- Jurisdictional government registers a jurisdictional program as per Jurisdictional and Nested REDD+ Guide and the JNR Scenario 3 Requirements
- Carbon accounting and crediting occur only to the jurisdictional program
- Neither projects nor lower-level programs can issue VCUs directly

Jurisdictional and Nested Framework

Program REDD	+	REDD projects	=	JNR
Covers entire jurisdiction		Local, small scale		Jurisdictional level with nested projects
Governed by rules of UNFCCC		Evaluated against a standard (VCS)		Evaluated against VCS-JNR and UNFCCC rules
Funded by public resources & international assistance		Financed by the private sector		Financed by multiple sources

Q&A