

Metrics for Integrated Systems and Contexts

Cote d'Ivoire Climate Vulnerability Reduction Credit feasibility
and pilot design



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Overview

- Challenge
- Adaptation Under the Paris Agreement
- Implementing Paris Goals: National Mechanisms
- VRCs: Metrics for Integrated Systems and Contexts in Côte d'Ivoire
 - Pilot Project
 - National Adaptation Project Management System
 - VRC Adaptation Fund
- Going Forward

The Challenge: Translating between Adaptation Contexts

Disconnect between adaptation contexts in terms of what is measured and how this inter-translates:



- Partnership between Higher Ground Foundation, United Nations Development Programme (UNDP), Green Climate Fund (GCF), and the Ministry of the Environment and Sustainable Development of Cote d'Ivoire (MINEDD)
- Seek to use single adaptation metric (Vulnerability Reduction Credit: VRC) to bridge the gaps

Adaptation Under the Paris Agreement



- ▶ Widespread calls for metrics to address Paris Agreement's Global Goal on Adaptation and for the 2023 Global Stocktake
- ▶ However, tracking progress in adaptation through simple and comparable set of metrics has proven difficult
- ▶ While the Agreement recognizes importance of monitoring, evaluation and education in adaptation, it does not propose or demand any specific adaptation metrics or request their development

Challenges to Implementing Adaptation Under the Paris Agreement

- ▶ Despite ambitious targets, the adaptation finance gap between what is needed and actual funding is large and growing
- ▶ In part, this is because funders have difficulty determining which projects will actually deliver
- ▶ Thus, further clarity is needed from countries and project proponents on:
 - ▶ How goals are defined
 - ▶ How outcomes are measured

National Adaptation

- ▶ Under the Paris Agreement Framework, adaptation is primarily planned and organized at the national level.
- ▶ Mechanisms for identifying funding need include National Adaptation Plan (NAP) and Nationally Determined Contribution (NDC) reporting
- ▶ However, these mechanisms lack requirements for and guidelines on metric application, complicating linking of project and national contexts

Getting from Project to National Adaptation

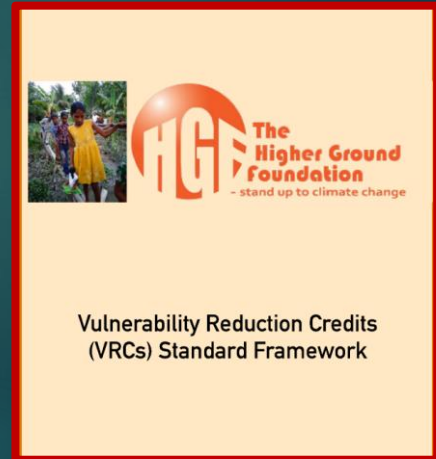
- While adaptation is organized at the national scale, it is implemented at the project scale
- Because projects tend to use different metrics in differing manners, measured results don't necessarily translate upward

The challenge is going from here  *to here*

Project Level	National Level
Varied metrics (often informal) reflecting local factors	Requires metrics to be aggregable from the project level upward
Different applications of metrics for MRV (if used)	Metrics should reflect national goals and obligations in a quantitative manner
Goals tend to be defined and evaluated in an ad hoc manner. No incentive to maintain adaptation outcomes after funding.	Essential goal is meeting national obligations and plan; desired goal is aggregation to trans-national level

What are Vulnerability Reduction Credits?

- Developed by the Higher Ground Foundation, VRCs are generated by quantified (€50) reduction in climate vulnerability (adaptation)
- Projects and methodologies for validating, producing, and verifying VRC production are governed by the VRC Standard Framework
- VRCs serve two purposes:
 - Generating revenue for projects, and
 - Transmitting adaptation information (i.e., a metric) between disparate systems



Integration through VRCs



- Can be used to gather multiple project criteria as a single (financial) value
- The use of a common metric enables aggregability: project and sectoral factors can be translated to a national context

VRCs for RCI: An approach to integrating National Systems, Finance, and Projects

SCOPING STUDY (six months)



- Administered by UNDP with GCF funding
- This effort in cooperation with MINEDD will seek to apply a universal approach (VRCs) to link the project, finance, and national contexts

Côte d'Ivoire Climate Challenges

- ▶ IPCC predicts significant changes in temperature and variations in rainfall patterns by mid-century
- ▶ These changes will affect:
 - ▶ Agriculture (commercial and subsistence)
 - ▶ Human health
 - ▶ Water quality
 - ▶ Infrastructure and land use



Purpose:

A proof-of-concept for developing methodologies and tools that translate specific adaptation activities into verified reductions in vulnerability to a local context that can be denominated in terms of VRCs

Outcomes:

- Identifying appropriate sector(s)
- Effectively linking robust data to vulnerabilities by quantifying impacts and avoided impact costs
- Developing a corresponding MRV regime

VRC Adaptation Fund

Purpose:

To create a platform for stimulating investment in adaptation through the funding of activities that reduce climate vulnerability in a quantifiable manner using validated methodologies.

Outcomes:

- Identifying and securing funders and other stakeholders
- Framing outreach to obtain buy-in for funding inception
- Ensuring liquidity of operating fund
- Ensuring transparency and good governance

National Management System



Purpose:

To harmonize and aggregate project outputs, as measured by project-appropriate metrics, with national goals as determined by nationally appropriate metrics.

Outcomes and Challenges:

- Developing a system that is consistent with adaptation goals under national frameworks while “adding value” in terms of an aggregable metric suitable for encouraging sustained adaptation funding
- Even more importantly, creating a template that can be extended transnationally

GOING FORWARD

- This project is a feasibility assessment of implementing this approach
- Based on results, we will seek to take each prong of the framework forward to full implementation:
 - Projects: Begin the design and funding of new projects based on our methodologies
 - Adaptation Funding: Implement full system for funding VRC-generating projects
 - National System: Set up RCI's National System for managing and reporting adaptation activity and requirements
- Most importantly, we seek to develop a scalable approach that can be extended beyond the borders of RCI



Thank you!

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See you in Glasgow: We will be presenting this project at COP26 from 8-11 November

Scan for project materials:

