The process: A risk-based framework for assessing carbon efficacy

(1) Define Key Risk Factors
- Additionality
- Over-Crediting
- Permanence
- Leakage
- Policy Environment
- Perverse Incentives

(2) Score Individual Risk Factors
BeZero carbon credit scientists assess all aspects of a carbon project via a waterfall approach based on BeZero’s taxonomy of voluntary carbon markets.

- Top down = accreditor → sector → methodology → country
- Bottom up = project-specific data (qualitative + quantitative + GIS for NbS)

(3) Calculate BeZero Carbon Rating
Each carbon project rating is a weighted average of individual risk factor scores. Using the same weightings across scores ensures the BCR is a truly fungibility metric for assessing quality in the Voluntary Carbon Market.

(4) Monitor & track performance
BeZero’s team of carbon credit scientists assess each project’s BCR on a rolling quarterly basis.
This includes continuous analysis of primary data (e.g. real-time satellite imagery tracking for NbS projects), relevant secondary data & changes in methodologies or certification tools.
BeZero’s Five Building Blocks

Baseline: What has been assumed would have happened were the project not to have happened?

Project emissions: What emissions have been created or removed within the project area?

Assumed leakage: What emissions are assumed to have been created by the project outside of the project area?

Risk buffer: What credits have been allocated to a global buffer pool to mitigate for a reversal of the carbon avoided or removed?

Issuance: The number of credits issued or forecast to be issued by the project each year.

Figure 1: BeZero’s five building blocks for an offset project

Note this is the residual of the previous four factors: (project emissions) - (baseline scenario) - (leakage) - (risk buffer).