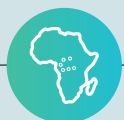


GROUND IMPACT

Plan, optimise and finance Payments for Environmental Services (PES) across six Congo Basin countries



6

CONGO BASIN COUNTRIES



393

TERRITORIES



28+

OPEN SCIENTIFIC DATASETS



6

PES ACTIVITIES



3

ANALYSIS MODES

A geospatial platform that turns complex data into practical PES programme options for informed decision-making.

The Ground Impact Tool combines more than 28 open scientific datasets for geospatial and optimisation analyses to show what is feasible, where activities can deliver the greatest results, what they will cost and who can participate. In a few clicks, users can analyse a province, a country, the whole Congo Basin or a custom area.

THREE QUESTIONS, ONE ENGINE

POTENTIAL

How much PES a given landscape may support?

- **Estimates** households and communities that may be enrolled, and associated programme costs as well as climate outcomes.
- **Excludes** protected areas and logging concessions
- **Provides** uncertainty ranges.

TARGET

How to reach various goals at the lowest cost?

- **Identifies** least-cost activity mix for six challenges
 - Deforestation
 - Nationally Determined Contribution
 - Poverty
 - Food security
 - High-integrity forest
 - Fire control.
- **Explains** what limits the result, including adoption, land and capacity.

BUDGET

What can a given budget achieve?

- **Maximises** impact within a given budget, either for the best value per dollar or across several priorities, such as carbon, income and food security.
- **Packages** the result into ready-to-launch projects of ~\$10 million
- **Shows** how results change with a higher or lower budget.

BUILT FOR CENTRAL AFRICA



Ground Impact reflects and operationalises CAFI's and its national partners priorities : country-led, national-scale planning; results-based finance; and transparent reporting donors can verify.

- Informs options of costs-effective PES portfolios for each country.
- Supports NDC and investment-framework discussions with auditable data for every territory.
- Models direct payments to households and communities in details.
- Every assumption is referenced, editable and exported with each report.



WHAT A BUDGET CAN DO

Ground Impact models what different levels of investment may achieve before funds are committed. For each budget, it generates an optimised programme design covering the activity mix, project pipeline, participating households, costs and expected climate outcomes. Check the CAFI web site for a few examples.

A TOOL YOU CAN TRUST

RADICAL TRANSPARENCY

Every parameter is sourced and editable.

ROBUST CEILINGS

The tool identifies unattainable targets and explains why.

MAPS, NOT JUST NUMBERS

Downloadable maps show where activities are allocated.

PROVENANCE ON EVERY VALUE

A data-quality badge reports the share of measured/observed values and identifies gaps.

REPRODUCIBLE UNCERTAINTY

Headline figures include low-high uncertainty ranges.

PAYMENTS MADE BANKABLE

Direct payments are modelled down to instalments, mobile-money share and fees.

**Live
now**



EXPLORE THE TOOL

Scan the code or visit groundimpact.org

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