

Contribution to the COP30 Presidency Roadmaps

Dear President and All,

Contribution to the COP30 Presidency Roadmaps

Submitted by TrackGains – Digital ESG & Climate Finance Infrastructure

In response to the invitation issued by the Presidency of the United Nations Framework Convention on Climate Change within the framework of COP30 COP30 Presidency Invitation to

Executive Statement

TrackGains is a digital infrastructure platform focused on ESG intelligence, climate risk quantification and sustainable asset structuring.

Based on operational experience in emerging markets, we respectfully submit that the principal bottleneck in both:

- transitioning away from fossil fuels, and
- halting and reversing deforestation

is not a lack of capital — but a lack of interoperable, auditable and financially compatible sustainability data infrastructure.

Implementation requires measurable systems.

PART I – Transitioning Away from Fossil Fuels

(a) Critical Barriers

1. Climate Risk Underpricing

- Inconsistent integration of physical and transition risk into credit and equity models.
- Limited climate-adjusted cost of capital differentiation.

2. Data Fragmentation

- Absence of standardized MRV aligned with IFRS S1/S2 (ISSB).
- Low interoperability between climate data and financial systems.

3. Institutional & Financial Asymmetry

- High due diligence costs for emerging market projects.
 - Information asymmetry discouraging transition finance flows.
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(b) Enabling Levers

TrackGains proposes three structural levers:

1 Digital MRV Infrastructure

- Integration of geospatial, operational and emissions datasets.
- Real-time monitoring of transition performance.
- Alignment with international disclosure standards (ISSB / IFRS S2).

2 Climate Risk Quantification Layer

- Standardized modeling of:
 - Physical risks
 - Transition risks
 - Regulatory exposure
- Integration into financial eligibility frameworks.

3 Financial Structuring Interface

- Performance-linked eligibility for:
 - Green bonds
 - Transition finance
 - Blended finance vehicles
- Reduction of asymmetry through auditable ESG metrics.

Transition must be measurable to be financeable.

PART II – Halting and Reversing Deforestation by 2030

(a) Critical Barriers

1. **Disconnected Forest Monitoring Systems**
2. **High Verification Costs**

3. Weak Link Between Forest Performance and Financial Incentives

4. Limited Traceability in Agricultural and Forestry Supply Chains

(b) Enabling Levers

TrackGains supports:

1 Integrated Forest MRV

- Satellite-based monitoring integration.
- Ground-truth data validation.
- Digital registry compatibility.

2 Carbon & Biodiversity Asset Structuring

- Standardized carbon accounting (tCO₂e).
- Performance-based validation.
- Interoperability with voluntary and compliance carbon markets.

3 Sustainable Value Chain Digitalization

- Agroforestry traceability.
- Supply chain compliance dashboards.
- Data-backed sustainable finance eligibility.

Forest protection becomes scalable when linked to measurable and bankable assets.

Strategic Recommendation to the Presidency

To accelerate implementation of both Roadmaps, the COP30 Presidency could:

- Promote global interoperability standards for digital MRV systems
 - Encourage integration between sustainability disclosure (ISSB) and climate finance mechanisms
 - Support emerging market climate-finance digital infrastructure
 - Reduce data asymmetry to unlock private capital at scale
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Concluding Statement

TrackGains stands ready to contribute technical expertise in:

- ESG data standardization
- Climate risk modeling
- Forest carbon accounting
- Sustainable asset structuring

We respectfully submit that the success of COP30 implementation efforts will depend on the establishment of reliable digital infrastructure capable of translating climate commitments into measurable, financeable and verifiable outcomes.

Best Regards.

