

Brazil: Climate Solutions Powerhouse

C.A.S.E, CEBDS and SB COP have joined forces to support Brazil as a protagonist in the global climate agenda



Consistent approach aligned with key agendas

Integration and consolidation of the **C.A.S.E., CEBDS and SBCOP** approaches, ensuring **conceptual consistency, international adherence and transversal vision of the solutions**, aligned with **global frameworks** and the **priorities of the Action Agenda** and the **Climate Plan**.



Sustaining the Brazilian government's Action Agenda and Climate Plan

The current panorama is of solutions with **proven results, mature impacts, and high replication capacity** and **scalability**, converging with **global** and **Brazilian priorities**.



Highly favorable earnings leverage scenario

Wide potential for boosting solutions from **financial products already available** on the market.

Convergence of private sector solutions

ca.se.

cebds

 SUSTAINABLE
BUSINESS
COP30



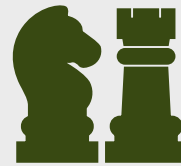
144

**Impact projects
considered**



128

**Project with presence
in South America**



09

Strategic axes

The strategic axes were guided by relevant frameworks and thematic convergence with the Action Agenda and the Climate Plan of Brazil



Regenerative agriculture



Circular economy



Forest restoration



Biofuels



Climate finance



Energy transition



Bioeconomy



Infrastructure



Just transition

The synergy between private sector solutions and global and Brazilian government priorities was evaluated based on different criteria

**Eligibility
criteria**



**Presence in South
America**



Implementation



**Financial product
available**

**Criteria
qualitative**

**Quantitative
criteria**



Impact



Scalability



Maturity



Innovation



Transversality

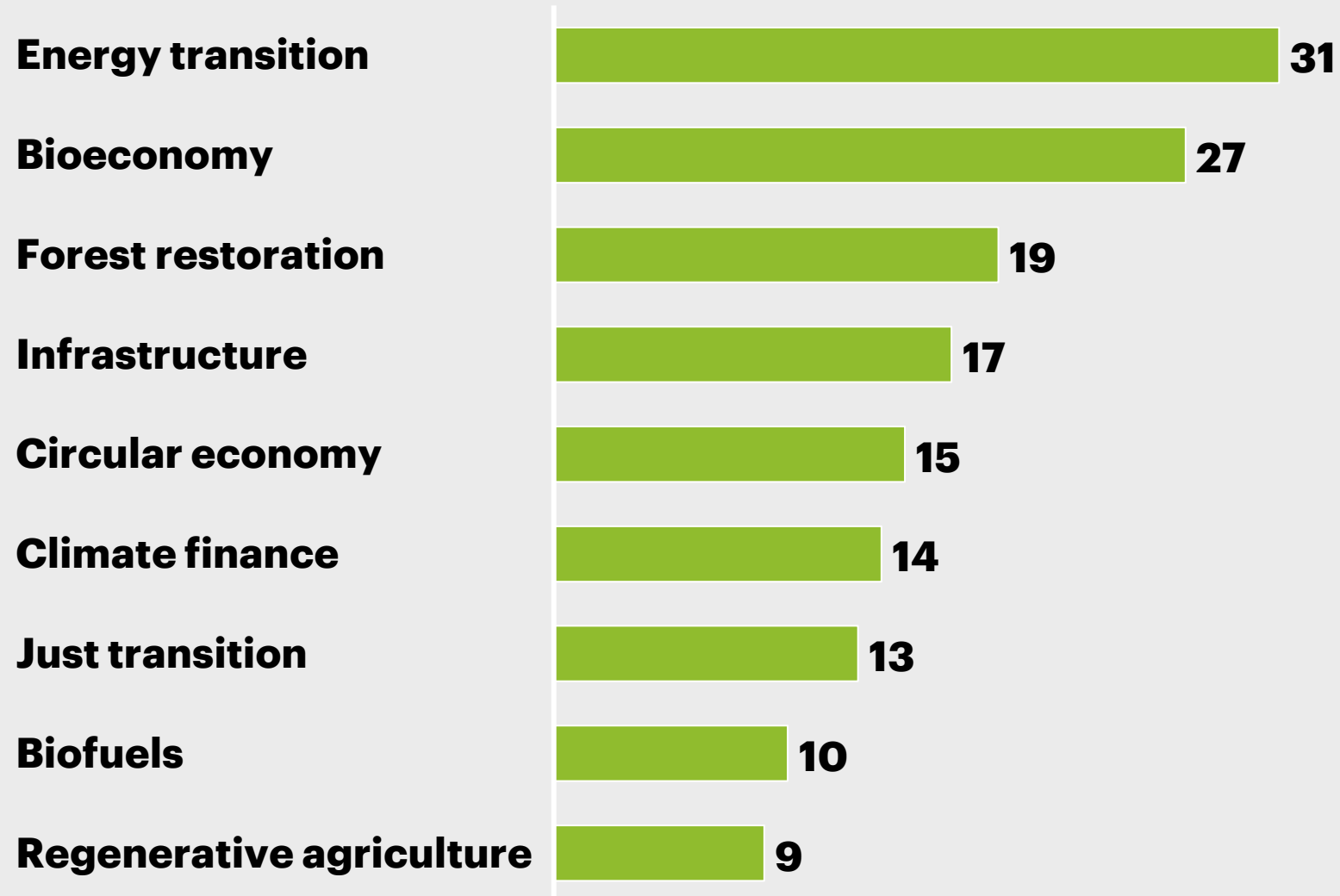


Coverage



Main results

The themes of energy transition, bioeconomy, and forest restoration were the most present throughout the 128 mapped solutions



Most of the cases were related to the **energy transition axis**, showing strong alignment with global demands.

The themes of **bioeconomy** and **forest restoration** complete the 3 axes most present in the cases evaluated, **reinforcing the importance of nature-based solutions.**

The impact of the solutions can be leveraged from the connection with the financial products available in the Brazilian market



5

Financial institutions assessed



21

Financial products applicable to mapped solutions



100%

Of the strategic axes are covered by financial products

Solutions reflect the panorama of each of the 9 thematic axes



Regenerative Agriculture

- **Technical support** in the implementation of **regenerative agriculture practices** for **different agribusiness chains**;
- **Planning of regionalized and low-carbon management** with the support of a **technological tool**;
- **Satellite monitoring** of farms and slaughterhouses to **avoid deforestation** in the cattle chain.



Biofuels

- Development and application of **renewable biofuel compatible** with **conventional diesel engines**;
- Platform focused on **ensuring the supply of biofuels**, renewable energy, **electrification and energy efficiency**



Bioeconomy

- Creation of a **platform that connects socio-bioeconomy businesses** to the market, **logistics and financial services**;
- Development of an easy-to-apply **nutritional solution** that **reduces methane emissions in livestock** at scale;
- Integration of **agricultural production, environmental restoration and productive inclusion**, promoting **sustainable bioeconomy**

Solutions reflect the panorama of each of the 9 thematic axes



Circular Economy

- Structuring a **waste management flow** that involves reverse logistics, **waste recovery and social inclusion**;
- Industrial production of renewable resin from biomass, **replacing fossil fuels**;
- **Reverse logistics** and re-refining solution for hazardous waste that reintegrates **materials into the production chain**.



Climate Finance

- Structuring of **financial solutions** for the productive inclusion of **riverside communities**;
- Credit portfolio aligned with strict socio-environmental criteria that **enables productive conversion without deforestation**;
- **Long-term financing** combined with technical assistance for the **recovery of degraded pastures**.



Infrastructure

- **Modernization of logistics infrastructure** in cargo transport with intensive use of **data and automation**;
- **Technological solution** for climate adaptation aimed at **water security from cloud seeding**;
- **Innovation in urban mobility** with **electric, hybrid or biofuel-powered buses**.

Solutions reflect the panorama of each of the 9 thematic axes



Forest restoration

- **Large-scale forest restoration model** that integrates climate finance and socio-environmental impact;
- Implementation of **ecological corridors** with **restoration of priority areas**;
- **Restoration of degraded areas** with native species combined with the generation of **carbon credits and green jobs**



Energy transition

- **Industrial process innovation** that **reduces emissions** and resource consumption in steel production;
- Technology development and national **production of electric trucks**;
- **Expansion of the electrical infrastructure** with solutions with less environmental impact, **connecting renewable energy to the system and ensuring energy security**.



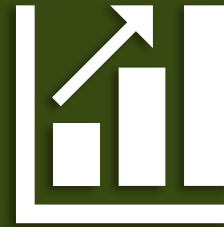
Just transition

- **Anticipation of demands** for green economy skills, supporting **professional qualification**;
- **Engagement of suppliers and business ecosystems** in decarbonization programs;
- **Strengthening institutional capacities** for the issuance of **green bonds in emerging countries**.

Conclusions



The Brazilian private sector is a protagonist in the implementation and scalability of climate solutions, leveraging the real economy and generating long-term sustainable growth



Execution at scale, with proven impact and strong potential for financial leverage, sustaining the Action Agenda and the Climate Plan.

Brazil: country of climate solutions for Climate, Nature and People