

## Integrating innovation and sustainability in the largest Brazilian biome

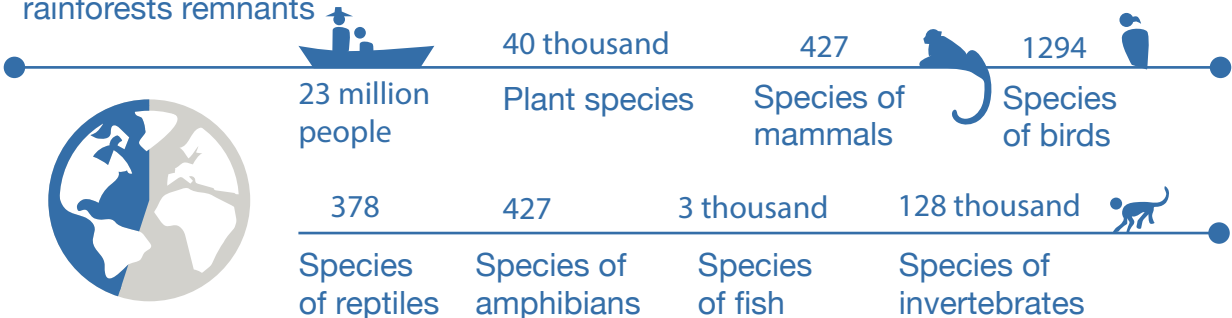


The Amazon biome spans 6.7 million square kilometers in nine countries in South America. Brazil holds 60.1% of this biome, occupying 49% of the national territory.

The Amazon contains about 40% of the remaining tropical forests in the world,

which are vital for global climate regulation and to rainfall distribution. It also houses vast biodiversity, consisting of at least 40 thousand plant species and thousands of animal species. The Amazon basin covers an area of 7 million square kilometers, being the largest river basin in the world.

Amazon responds by about 40% of rainforests remnants



## Focus on human well-being

The Amazon Portfolio brings together projects that aim to develop, expand and encourage new development models by integrating of science, technology and innovation with public policies and private sector decision-making, with a focus on reducing social inequalities, improvement of

human well-being and reducing deforestation and degradation environmental.

The strategy prioritized by Embrapa is based on acting in partnership with all productive segments and federal, state and municipal government agencies.

## Innovation challenges for the Amazon Portfolio

- Add value to products from the Amazon's biodiversity.
- Intensify sustainable production in family farming.
- Recover pasture and agriculture areas in degradation.
- Increase the traceability, productivity and profitability of timber and non-timber forest management systems.
- Increase scale, quality, regularity and logistics of production of raw materials from biodiversity for the industry.
- Support land-use policies in areas not covered by discriminated against.
- Expand the insertion of bioactives in the Amazon as an input for bioeconomy industries.
- Support agro-environmental planning policies in the areas deforested.
- Subsidize and articulate public policies to overcome non-technological bottlenecks that restrict access to and the adoption of sustainable agricultural and forestry production technologies.

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