

Smallholders and ecological restoration: understanding local perspectives and priorities in southeast Brazil

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INTRODUCTION

FOOD PRODUCTION

NATURAL RESOURCES

53% of all native vegetation ¹

SMALLHOLDERS



SMALL AREAS

ENVIRONMENTAL LAW N°12.651/12

OBJECTIVE

Analyze the motivation and barriers of rural producers in restoring their native vegetation

MATERIAL AND METHODS

Semi-structure nterviews

- Case study
- Qualitative content analyses



68 landowners STUDY AREA SAMPLE ATLANTIC FOREST Project Non Supported Supported CURRENTLY 1500 support The operation area 36 landowners 32 landowners of local NGO Type (Associação Ambientalista Copaíba) Non -Rural Producer- NRP 28 NRP (78%) 8 RP (22%) 23 RP (72%) 9 NRP Rural Producer- RP RESULTS 70% still need to **65**% stated that the 31 RP possible negative restore the areas Rural production Motivation protected by law impact is the loss of productive area 90% restored at least a small area

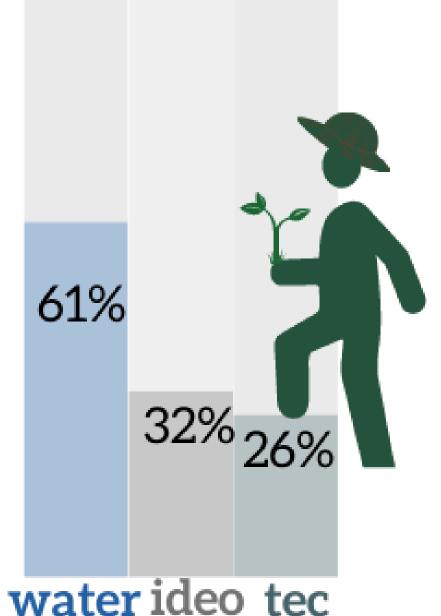
How?
Main technique natural regeneration

Where? arable area

Non- arable areas (slope)

Payment for ecosystem services (PES) is cited as the main incentive for restoration.

of native forest



Barriers 19% cost/none 23% awareness 39% area



CONCLUSION

- Rural production tends to be centered on the smallholder decision-making process.
- Programs that provide economic **benefits/alternative income** (e.g., PES or agroforestry systems) should be incentivized.
- Context-based strategies Characterizing the local community's connection to the land, its history, traditions, and practices provide restoration practitioners with a wealth of information.
- The knowledge and insights gained from engaging with the community since the project design phase significantly enhance the effectiveness and sustainability of restoration projects.

REFERENCE

SOARES-FILHO, Britaldo et al. Cracking Brazil's forest code. Science, v. 344, n. 6182, p. 363-364, 2014.





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