

SUCCESS CASES OF THE STATE OF MINAS GERAIS/BRAZIL

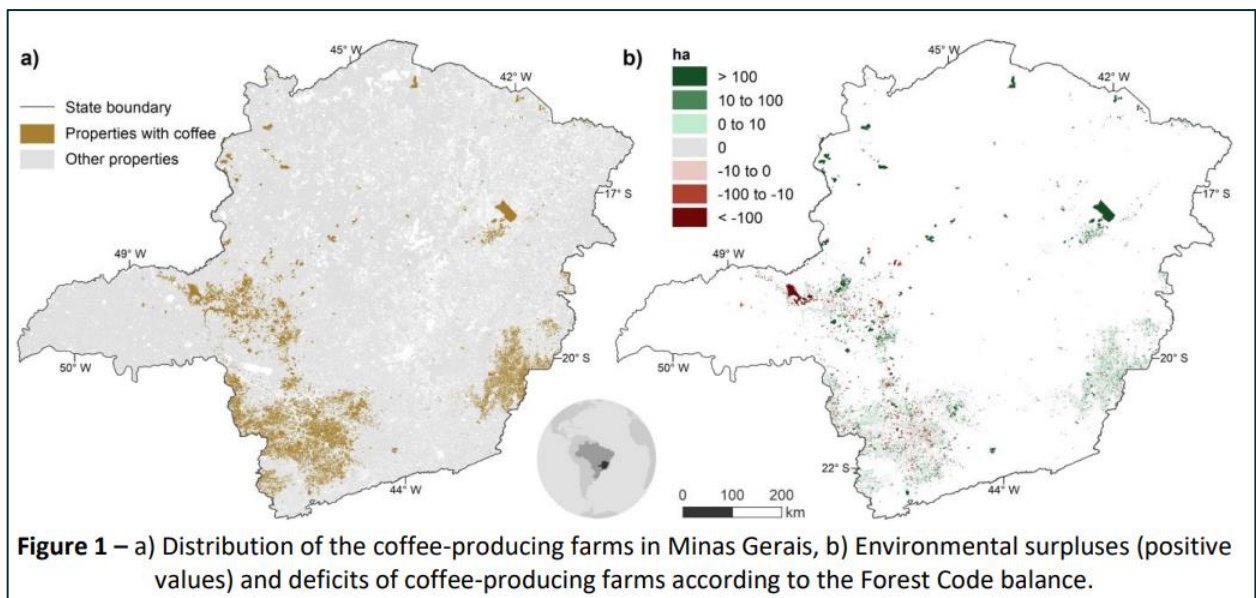
AGRICULTURE, LIVESTOCK AND PLANTED FOREST

Environmental Compliance Of Coffee Producers Achieved Results

The SeloVerde MG platform subsidizes the monitoring and evaluation of sustainable agricultural development policies in the State of Minas Gerais. The platform provides estimates of agricultural production and environmental suitability for rural properties registered in the Cadastro Ambiental Rural - CAR (Rural Environmental Registry). The platform uses the most advanced technology and best cartographic data available to: Evaluate compliance with the Brazilian Forest Code of rural properties; Provide transparent traceability of suppliers of agricultural products; Integrate updated geospatial information and data from federal and state agencies; Assist with environmental and land regularization; and Identify the occurrence of unauthorized deforestation.

The SeloVerde MG platform was used to carry out a general survey of coffee properties in Minas Gerais registered in the CAR. The study involved 115,028 properties and the cutoff date established by the Forest Code for consolidated agricultural use, July 22, 2008, was used as the cutoff point for detecting deforestation.

As a result, more than 99% of coffee mining properties show no evidence of deforestation, whether authorized or irregular. Cross-referencing the information entered into the platform's database made it possible to analyze the situation of properties in relation to the sustainability of coffee production in the state, using automatic analysis methodology and artificial intelligence. The analysis also showed that there are more than 300 thousand hectares of native forest preserved on coffee farms, in addition to the minimum required by law. UFMG published a Policy Brief in June 2023 with technical information from the survey.



Source: Environmental compliance of coffee producers in the state of Minas Gerais, Brazil. June 2023, Policy Brief. CSR/UFMG.