

## **Influence of the Development of Energy Infrastructure from The Southern Macro-Region of Peru on Agricultural Exports to Brazil by Land\***

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### **Abstract**

World is advancing to guarantee the access to an affordable, safe, sustainable and modern energy. There are signs that energy is becoming more sustainable and widely available (ONU, s.f.). In this context, the study aims to determine how the development of energy infrastructure from the southern macro-region of Peru influences agricultural exports to Brazil by land. This research is a mixed method correlational design. The survey and in-depth interview were used as techniques, and a questionnaire and an in-depth interview guide applied to seventeen experts in international trade, agricultural trade and regional development were used as instruments. The results indicate the development of energy infrastructure from the southern macro-region of Peru influences agricultural exports to Brazil by land. In conclusion, the development of energy infrastructure from the southern macro-region of Peru influences agricultural exports to Brazil by land through the installation of new energy infrastructures decided by external authorities. More specifically, a higher public investment in energy infrastructure and a higher electricity coverage, allows small farmers to increase their agricultural exports.

**Keywords:** agricultural exports; energy infrastructure; public investment in energy; Brazil; Peru