



The *Universidad Libre* of Pereira in Colombia launches a new solar dryer for coffee and flowers

Engineer Adan Silvestre Gutierrez, teaching researcher of the faculty of engineering of the Pereira University (Colombia), developed and successfully tested a new solar dryer for coffee and flowers. The trial was implemented in 14 municipalities and the new energy creator plant is currently at disposal of the agricultural sector of the area. The University worked on this project supported by the Secretary of Economic Development and Competitiveness of the Risaralda Regional Government.

Although the plant can create energy to any kind of equipment, the project carried over in Pereira aims to optimize the drying processes of agricultural products like coffee and flowers. The drying process has always been expensive for the coffee producers, requiring much time or warming processes with traditional fuel. The solar plant is able to dry 70 loads of coffee in seven hours, while other systems need up to two days. The innovation is boosted by the local authorities to create less polluting processes and more profitable for the businesses.

To know more about the innovation

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