

A research project to replace the use of plastic in the banana industry



The research project in the banana industry

The Secretariat of Higher Education, Science and Technology promotes technology transfer in order to contribute to innovation and development of society through academia. Our university along with public and private institutions signed an agreement to work on the project titled: "Obtaining biodegradable plastics from natural fibers".

The aim of the project is to benefit from the waste created during the manufacturing process in the banana industry and then use it to create environmentally friendly plastic. The project also complies with the country's organic law for the environment to reduce and reuse plastic, it also encourages companies to implement programs and projects that regulate the use of plastic based on the principles of circular economy.

The university will work alongside Universidad Técnica Particular de Loja, Supralive S.A and Agearth. In the university, the project is in charge of Jorge Amaya, professor – researcher, a member of the Biodiversity research group in our branch campus in Cuenca and an expert in the field of environmental engineering.

There will great benefits for the environment and a positive impact within the banana industry since the plastic used in the packaging of the product represents high pollution levels.