



Biodegradable Packaging

FLEXIBLE AND RIGID PACKAGING FROM AMAZONIAN STARCH AND AGRO-WASTE

KEY WORDS

BIO-PACKAGING,
AMAZONIA, CASSAVA
STARCH

DESCRIPTION

Flexible and rigid packaging made from natural resources from the Amazon, such as cassava starch and banana waste. Developed in collaboration with the Amazonian Institute for Scientific Research (SINCHI) and the Institute of Food Science and Technology (ICTA) at the National University of Colombia to reduce plastic pollution in Amazonian communities. They partially replace petrochemical plastics in single-use applications.

POTENTIAL BENEFITS OR IMPACTS

Reduce plastic waste in Amazonian regions.
Promotes the local use of natural resources.
Fosters the circular economy and regional bioeconomy.

TECHNOLOGY MATURITY LEVEL (TRL)

TRL 6: Demonstration in a relevant environment.

AREA OF APPLICATION

Plastics
Food
Agroindustry

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