

 Early Warning System

IADB-CR-G1012

Carbon Positive: Transforming Agricultural Value Chains into Carbon
Sinks



Quick Facts

Countries	Costa Rica
Financial Institutions	Inter-American Development Bank (IADB)
Status	Active
Bank Risk Rating	B
Voting Date	2024-10-17
Borrower	Poás Bioenergy
Sectors	Agriculture and Forestry
Investment Type(s)	Grant
Investment Amount (USD)	\$ 0.85 million
Project Cost (USD)	\$ 2.12 million



Project Description

According to the IADB, the main objective of the project is to deploy innovative technologies to convert agricultural waste into valuable resources while eliminating waste management issues at production centers. This in turn will support small farmers and agribusinesses while, reducing GHG emissions.



Investment Description

- Inter-American Development Bank (IADB)



Private Actors Description

According to the IADB, The partner Poás is a circular economy company that reduces carbon emissions in the agricultural sector by making valuable products from tons of waste that would otherwise harm the environment. Poás produces biochar to improve soils and store carbon while providing clean energy. Their preprocessing of high-moisture wastes also produces sugar-rich water, which is a great input for bioethanol production. Poás' gasification technology was created at the University of Michigan, where the CEO was a professor. The company is poised to grow from prototype to commercial scale, with two customers ready to test pilots with the coffee and pineapple sector in Costa Rica.



Private Actor 1	Private Actor 1 Role	Private Actor 1 Sector	Relation	Private Actor 2	Private Actor 2 Role	Private Actor 2 Sector
-	-	-	-	Poás Bioenergy	Client	-



Contact Information

No contacts available at the time of disclosure

ACCOUNTABILITY MECHANISM OF IADB

The Independent Consultation and Investigation Mechanism (MICI) is the independent complaint mechanism and fact-finding body for people who have been or are likely to be adversely affected by an Inter-American Development Bank (IDB) or Inter-American Investment Corporation (IIC)-funded project. If you submit a complaint to MICI, they may assist you in addressing the problems you raised through a dispute-resolution process with those implementing the project and/or through an investigation to assess whether the IDB or IIC is following its own policies for preventing or mitigating harm to people or the environment. You can submit a complaint by sending an email to MICI@iadb.org. You can learn more about the MICI and how to file a complaint at <http://www.iadb.org/en/mici/mici,1752.html> (in English) or <http://www.iadb.org/es/mici/mici,1752.html> (Spanish).



Bank Documents

- [IDEATE 2024-07-01 Public Summary 1476 CR-G1012](#) [Original Source]
- [Poas Environmental and Social Review Summary \(ESRS\)](#) [Original Source]