The lack of transparent land tenure information systems is a key deterrent to sustainable investment in land resources by smallholders, communities and the local private sector. It disempowers them in both their current internal transactions and in transactions with urban and international investors. The inability to cost-effectively recognize cultivated species in smallholder fields significantly protracts the prediction and valuation of seasonal agricultural production, and prevents equitable access to physical and financial inputs and markets by smallholders and agro-dealers.

Provide a sustainable, subscription-based rural land tenure information service supported by very high-resolution satellite imagery.

Develop digital libraries and algorithms for smallholder crop recognition and management support at scale.

The ISABELA concept

next-gen tools & approaches

Knowledge content generation

academia & advanced research institutions

agricultural research systems

space research & development agencies

non-governmental organizations

Development outcomes

input suppliers

re-insurers

imagery providers

EO industry

mobile operators

agricultural insurers

agro-processors