



# CHOCOLATE 4ALL



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## Production application



### About Heifer Internacional

Global, non-profit organization that works to eradicate poverty and hunger, through holistic, sustainable and value-based community development.

### Technology/Application

Digital mapping database that allows users to conduct various types of studies and analyses, as well as assists in processes to acquire cocoa quality certification. Advanced platforms, such as IBM Food Trust, Blockchain and Watson for Agriculture, were used for mapping, analysis and decision-making for agricultural management.

### Features of the inclusive technology solution

The recording of each of the stages and resources in the production process of the cocoa value chain.	Use of public blockchain technology.	Provision of evidence for certificates of origin, compliance with quality, transparency and traceability standards.	Provision of technical assistance, based on information collected in the field.

### Results and scope

**933**  
producers (712 men and 221 women)

**50**  
producers with a blockchain-based digital identity and economic passport.

Countries covered  
**Honduras**

**8**   
organizations in the municipalities of Catacamas, Dulce Nombre de Culmí and Patuca

Assessment undertaken on  
**40**  
cocoa groves using ShadeMotion software.

### Inclusive features

- Needs-based technology design that is intuitive and user-friendly.
- Pilot studies and support.
- Appropriate languages, formats and media.
- Free and open source software.
- Partnerships and social support networks.

### More information

<https://inclusas.gfar.net/sites/default/files/2022-07/Experiencias%20seleccionadas.pdf#page=34>

### Social media

<https://www.instagram.com/heiferinternational/>  
<https://twitter.com/heifer>