

Healthy Household Initiative: Honduras

Viviendas Rurales Saludables



Project goals and outcomes

Impact goal

Reduce the prevalence of acute respiratory infections (ARIs) and diarrheal disease (DD) in children under five and their families by improving household and environmental living conditions.

Project goal

Improve access, affordability, and use of preventative health products by low-income families through improved market channels and innovative financing schemes.

Outcome 1

Increased household purchase and use of Healthy Household Initiative (HHI) products.

Outcome 2

Increased household access to financing for purchase of HHI products.

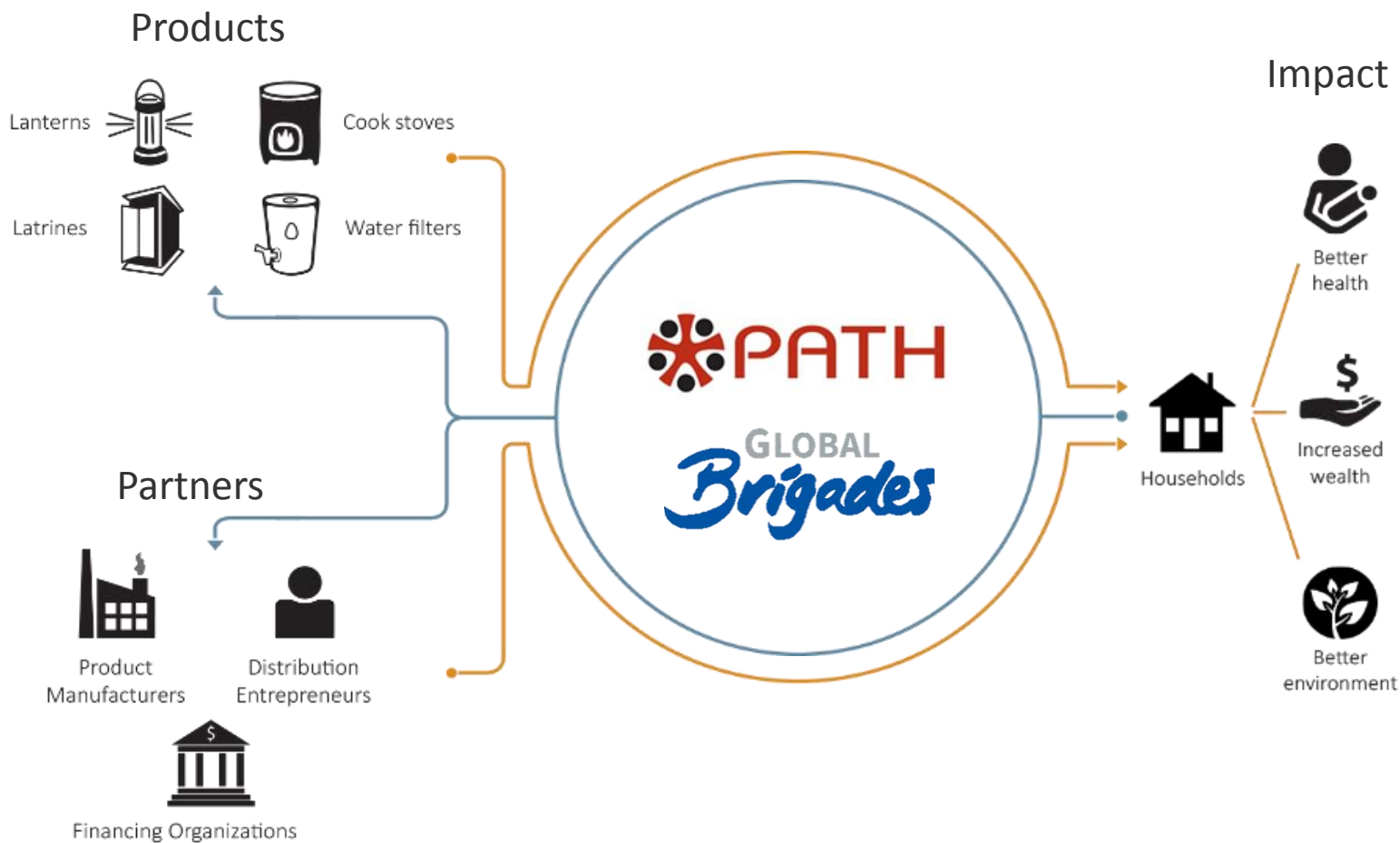
Outcome 3

Strengthened capacity of supply chain and financial actors.

Outcome 4

Dissemination of results, lessons learned, and best practices.

Healthy household model



PATH

Project targets

Health

15,000 individuals report reduced incidence of DD or ARI.

5.7% decrease in parents reporting of children under five DD or ARI incidence rate.

Product and sales

3,000 households purchase at least two products (latrine, stove, solar lantern or solar home system, water filter).

50 social entrepreneurs recruited and trained.

Financial

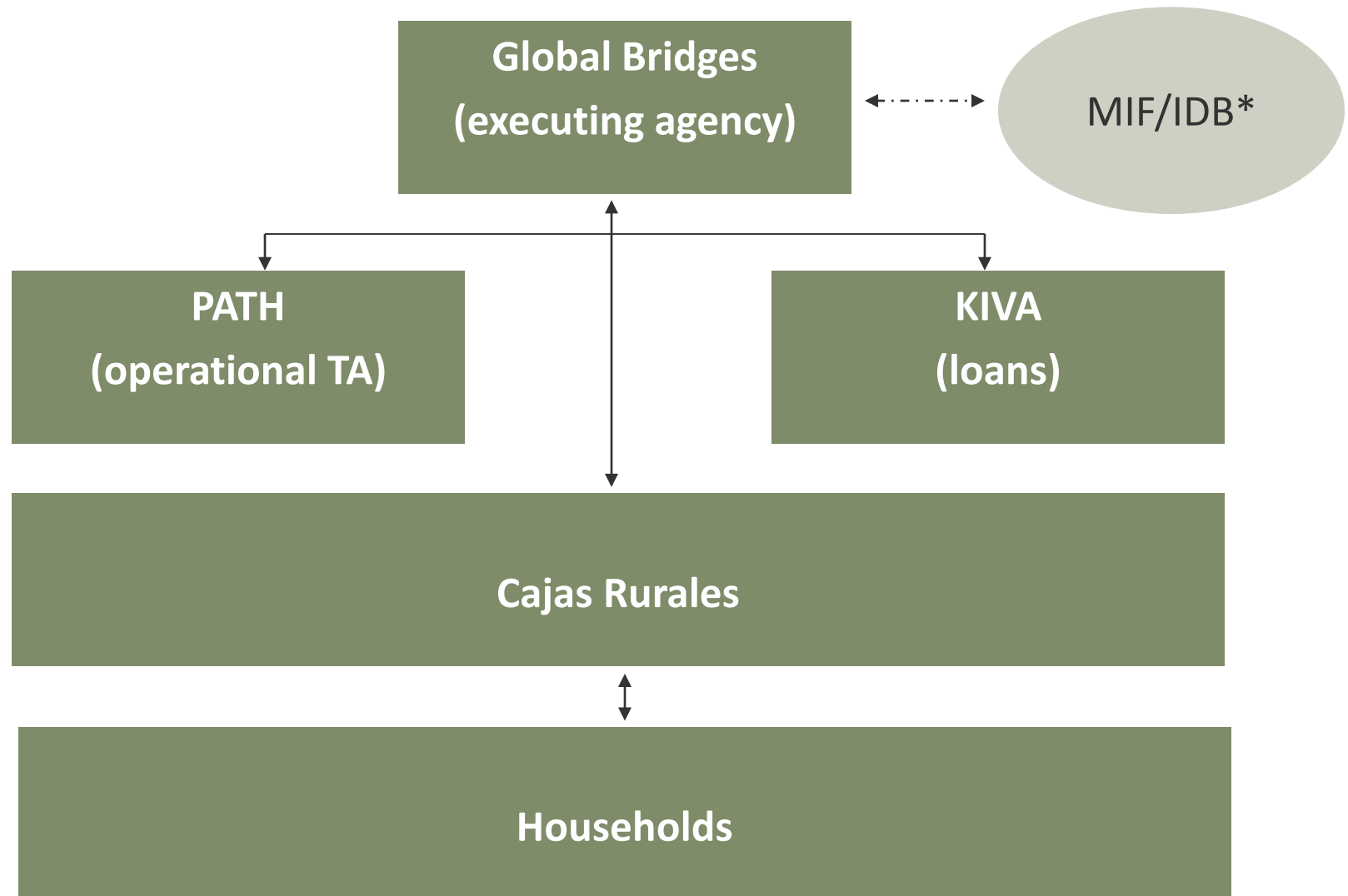
50 community savings and loan groups (cajas rurales) established.

250 communities served by cajas (one caja/five communities; average community size is 40 households; 30% penetration rate estimated).

6,000 household loans approved for at least one HHI product.

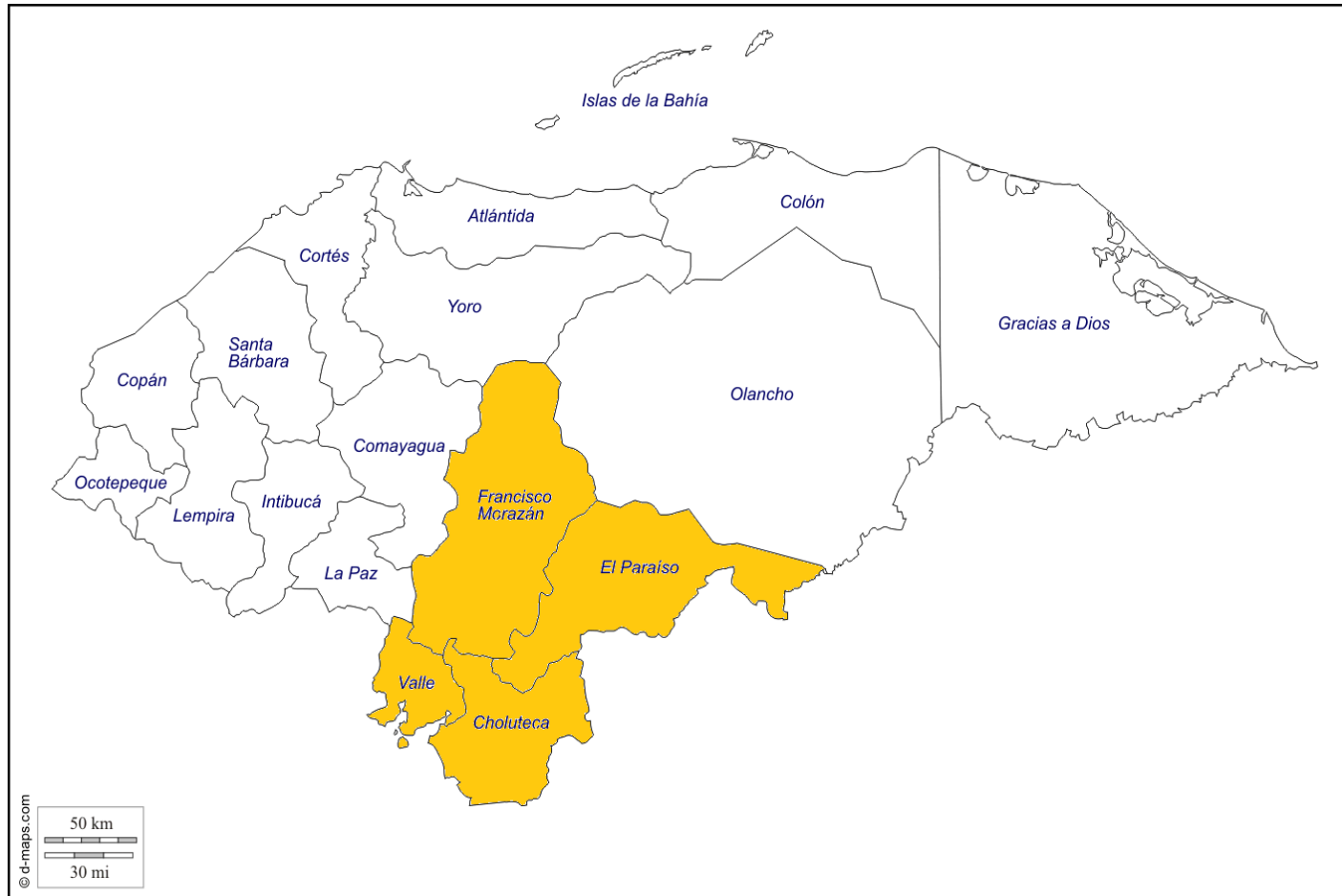
3,000 households report 10% income savings from use of HHI products.

Project partners



* MIF/IDB: InterAmerican Development Bank's Multilateral Investment Fund

Project sites



Products

Latrine	
Manufacturer	Global Brigades
Model	Cinder block superstructure with pour flush, seated system
Distributor	Global Brigades Honduras
Description	
Superstructure	Cinder block 1.15m x 1.10m x 1.83m
Roof	Corrugated metal
Door	Wooden frame with corrugated metal sheeting
Floor	Cement slab reinforced with iron rebar
Pit (type, materials, size)	Single, offset pit Materials used to construct pit vary per soil type (e.g., brick, stone, etc.) 1m x 1m. x ~2.5m

Stove	
Manufacturer	Global Brigades
Model	Estufa Justa
Distributor	Global Brigades Honduras
Description	
Base	Concrete, adobe, or brick
Stove top	Removable iron slab 21" x 21" 1/8" thick reinforced with a second 1/8" thick sheet 6" x 6"
Chimney	Aluminum 26" caliber 3" diameter
Intake chamber	4" x 4"
Ash clean out	4", 26" caliber

Photo credit: PATH/A. Drolet

Products

Solar products



Manufacturer	Sun King	Sun King
Model	PRO 2	Home Plus
Distributor	SOLUZ	SOLUZ
Description		
Panel	3.3 watts	6 watts
Lights	1	3
Lumens/ light	150	100
Battery	3,000 mAh Lithium Ferro-Phosphate	6,000 mAh Lithium Ferro-Phosphate
Other	Dual 5.5V USB power outputs designed to power any standard USB device	12V power output designed to power 12V DC appliances 5.5V USB power output designed to power any standard USB device

Photo credit: Greenlight Planet

Water filter



Manufacturer	Sawyer
Model	SP 180
Distributor	Inversiones Wolfe
Description	
Filter rate	38 liters/hour
Volume limit	NA
Weight	8 oz / 227 g
Filter material	Hollow fiber membrane with 0.1 absolute microns
Life of filter	1 million gallons

Photo credit: Sawyer

Project timeline and activities

Year 1	Year 2	Year 3
<ul style="list-style-type: none">• Product and supply chain scan• Partner vetting and contracting• Develop operational, sales, financial, and distribution models• Recruit and train sales agents• Provide technical assistance and train product distributors and finance officers/ community savings groups• Develop monitoring and evaluation framework and management information systems• Conduct consumer and supply-chain baseline	<ul style="list-style-type: none">• Continue recruitment of sales agents as implementation expands through 250 communities• Establish and train community savings groups as implementation expands• Wrap up implementation• Monitor sales, distribution, and financial results and revise implementation model as needed	<ul style="list-style-type: none">• Monitor sales, distribution, and financial data• Optimize approach as needed• Results reporting