



Images showing happy women engaged in livestock sector (farmer and AHSP)

# Transforming livestock vaccine delivery to reach, benefit and empower women farmers in Bawku West and Pusiga districts, Ghana



INITIATIVE ON Sustainable Animal Productivity



## The intervention

### Social/gender innovations

**Community conversations:** communities support young women in business



**Women AHSPs to reach women farmers**



**Social media** for conducive gender norms



**Gender champions** among local leaders



### Technological innovations

**Gender-responsive Apps** + **local facilitators** for access



**Deliver vaccines with drones** to reach remote areas, lower costs, improve cold chain



**Improved cold chain**



## Impacts

- Women animal health service providers (AHSP) effectively reach women farmers with livestock vaccines
- Increase in the number of vaccines utilized
- Empowerment of women farmers and AHSPs
  - Increased independence
  - Increased income
  - Increased mobility
- More equitable norms particularly in GTA communities
- Improved household nutrition
- The government of northern Ghana has adopted the approach for its PPR eradication campaign

## Next steps

- Finalize a gender norms in livestock tool for systematic assessment of changes in gender norms
- Studying the scaling of GTAs and GAAs in diverse livestock production contexts

## Partners



BILL & MELINDA GATES foundation



The International Livestock Research Institute thanks all donors & organizations which globally support its work through their contributions to the CGIAR Trust Fund. [cgiar.org/funders](http://cgiar.org/funders)

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## The challenge

- New Castle and PPR decimate flocks and herds in Northern Ghana. These are mostly in the hands of women.
- Vaccines exist, but women don't access them due to restrictive gender norms: they can't leave the house, meet male vets and extensionists, say that they own an animal.
- The health of animals, their productivity, and ability to support women and their households is compromised.

## Our goal

- Institutionalize a gender-responsive animal vaccine system

## Our science

- Systematically tested impact on women's empowerment, access to vaccines, and restrictive norms of:
  - ✓ Gender transformative approaches (GTA)
  - ✓ Gender accommodative approaches (GAA)
- Research design: with/without; before/after; recall
- Methods: Qualitative and quantitative study

## Research question:

1. What does a gender-responsive vaccine system look like?
2. How are GTAs affecting women's ability to benefit from vaccines as compared to GAA?

## Our outputs



animals



Article

### Women's Empowerment and Livestock Vaccination: Evidence from Peste des Petits Ruminants Vaccination Interventions in Northern Ghana

Immaculate Omondi <sup>1,\*</sup>, Alessandra Galiè <sup>1</sup>, Nils Teufel <sup>1</sup>, Agnes Loriba <sup>2</sup>, Eunice Kariuki <sup>1</sup> and Isabelle Baltenweck <sup>1</sup>



Agricultural Systems

Volume 219, August 2024, 104023



### Gender transformative innovation: Women's inclusion in livestock vaccine systems in northern Ghana

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### Submitted manuscript: Gender norms in Livestock Production and Marketing: A Multisite Qualitative Study in Northern Ghana

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