

> The shocking facts: navigating and bouncing back from market shocks

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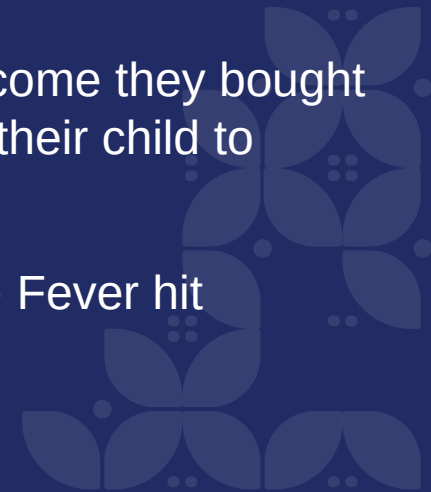
What is PRISMA?

- ❖ AUD 88 million investment (Phase 2)
- ❖ 1.2 million farming households benefitting
- ❖ 12 agricultural sectors
- ❖ Increased incomes by AUD 786.2 million
- ❖ Supporting 264 private sector partners
- ❖ Investment leverage AUD 220 million
- ❖ Focus on scale, sustainability, and resilience
- ❖ But.....disaster can strike



Meet Mikhaela and Kasianus

- ❖ Small holder pig framers from Flores island, Eastern Indonesia
- ❖ In 2017 they bought 2 good quality piglets
- ❖ Using concentrate feed fattening time went from 18 months to 4 months
- ❖ Over nearly 4 years they grew their drift to 25 pigs
- ❖ With the additional income they bought land, cattle, and sent their child to university
- ❖ In 2020 African Swine Fever hit





The hard fall

- ❖ After ASF hit Mikhaela and Kasianus:
 - ❖ Lost all their pigs
 - ❖ Had to sell their land
 - ❖ Had to sell the cattle
 - ❖ Kasianus sells local lontar alcohol
- ❖ In late 2022 Mikhaela was given a local pig from a family member
- ❖ She is beginning to use concentrate feed again





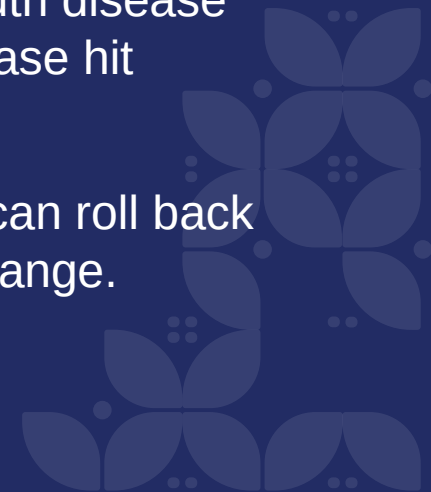
PRISMA pig sector work

- ❖ 900,000 smallholder pig farmers in NTT
- ❖ Constraints:
 - ❖ Good quality Inputs (breed, feed, animal health)
 - ❖ Poor rearing practices
- ❖ 2014 breed interventions commenced
- ❖ 2016 focused shifted to concentrate feed
- ❖ By 2019 feed business booming
- ❖ Triple Shock:
 - ❖ ASF Outbreak (since Dec 2019)
 - ❖ COVID-19 (since April 2020)
 - ❖ Seroja Cyclone (April 2021)



Boom and bust

- ❖ This is Kanjin. He is one of 4.8 million smallholder cattle farmers
- ❖ PRISMA had transformed the concentrate feed sector in the beef cattle and dairy sector.
- ❖ From 2 percent use of concentrate feed, now 63 percent of farmers are using feed. From 3 feed companies, now 81.
- ❖ In 2022 Foot and Mouth disease and Lumpy Skin Disease hit Indonesia
- ❖ Catastrophic shocks can roll back years of behaviour change.





How to ensure resilience – program level

- ❖ Utilised our intelligence gathering function → behaviour studies
- ❖ Re-strategized the entire portfolio → let go of attachment
- ❖ Built 'super' adaptive management → bringing the donor along
- ❖ Building flexibility around innovation → systems and approach





How to ensure resilience – sector level

What does a resilient system look like?

- ❖ Continuous adaptation capability
- ❖ Continues to benefit poor men and women
- ❖ Independent

Mixing in a hybrid approach

- ❖ Direct delivery, but with a systemic vision
 - Adaptive to the context – disease (ASF & FMD) awareness campaign
 - Clear exit strategy – who will do and who will pay beyond aid support
- ❖ Followed by systemic interventions
 - Commercially viable business models
 - Adaptability and built-in redundancy
- ❖ Multiple stakeholder engagement
- ❖ State capacity building



A photograph of an elderly woman wearing a traditional conical hat and a pink long-sleeved shirt, working in a rice field. She is looking towards the camera. The background is a lush green field with tall rice stalks.

How to ensure resilience – sector level

- ❖ Mixing in a hybrid approach
- ❖ Mainstreaming resilience

Mainstreaming resilience

- ❖ Strategy refresh – established a shared vision of making changes resilient
- ❖ Re-prioritised functions or added new functions to bolster resilience
- ❖ Conducive internal culture – resilience became an important criterion in periodic strategy reviews





What's happening in the pig sector now?

- ❖ Restocking is priority
- ❖ Breeding firms investing more in pig farming
- ❖ ASF campaign with government and partners reached 650,000 pig farmers
- ❖ Farmers apply the most significant biosecurity measures
- ❖ Govt. allocated budget for ASF surveillance, detection and testing
- ❖ Feed sales bounce back as farmers restart pig farming





Lessons to build resilience

- ❖ Factor in big shocks from the beginning
- ❖ Go beyond the geographical boundary
- ❖ Mainstream resilience along the program cycle
- ❖ Flexibility in management and resourcing



Thank you!