



Food and Agriculture
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Progressive Management Pathway for Terrestrial Animal Biosecurity (PMP-TAB)

Twenty-fourth Meeting of the Standing Group of Experts on African Swine Fever in Europe

3-4 April



Andriy Rozstalnyy, DVM, PhD

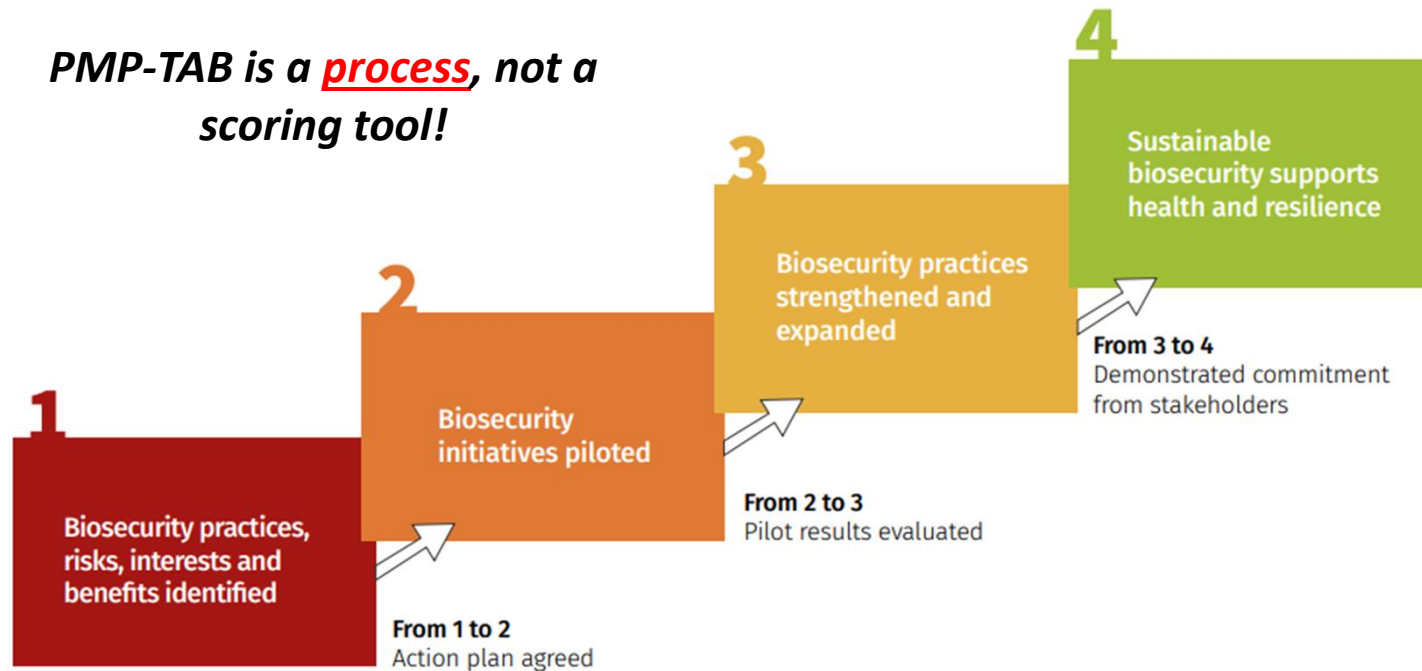
Animal Health Officer, EMPRES-AH, FAO HQs on the behalf of the FAO-PMP-TAB team, FAO



PMP-TAB: Progressive Management Pathway for Terrestrial Animal Biosecurity

Biosecurity is a **strategic** and **integrated** approach that encompasses the policy and regulatory frameworks for **analysing** and **managing relevant risks** to **human**, **animal** and **plant** life and **health**, and associated risks to the environment

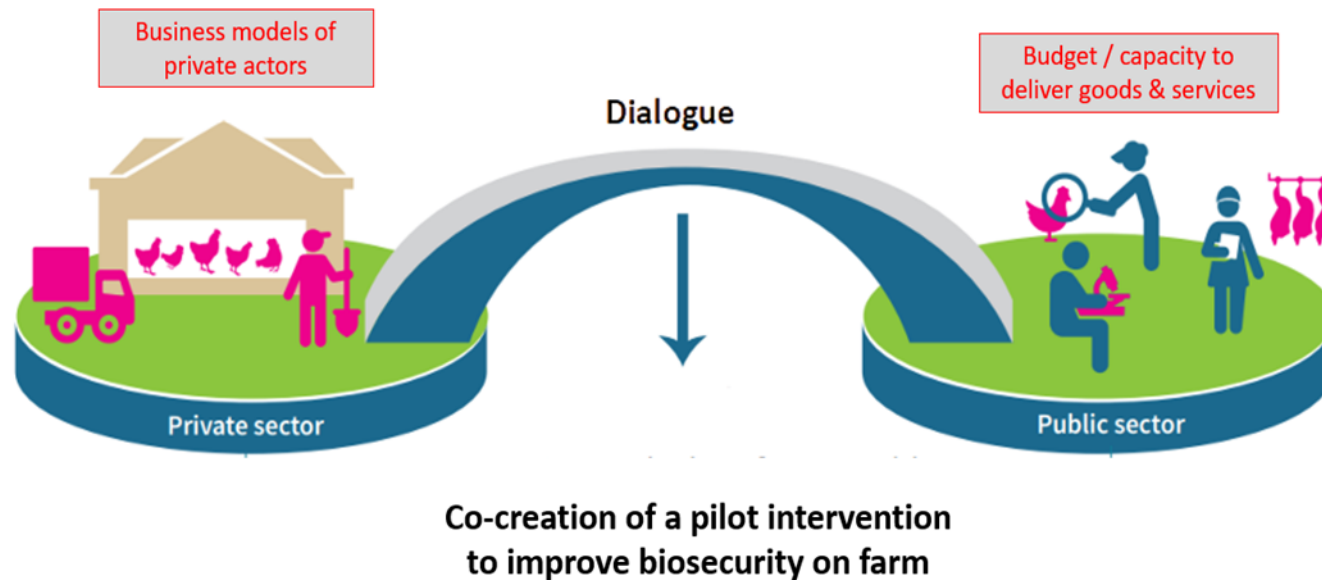
*PMP-TAB is a **process**, not a scoring tool!*



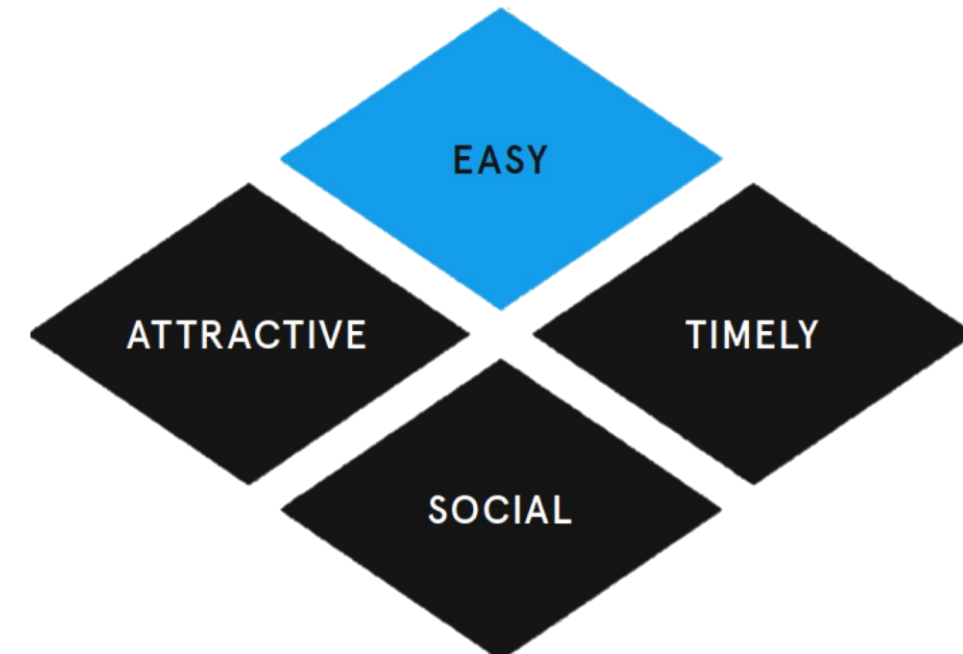


The traditional training-based approach has not yielded the results needed

*A **bottom-up** approach incorporates all factors influencing stakeholders' behaviours, leading to **feasible and sustainable solutions***



Fostering Public-Private Partnerships



*Focused on behavioural
changes*



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PMP-TAB in Tanzania Sumbawanga district, the pilot region

Rapid assessment of biosecurity situation and context



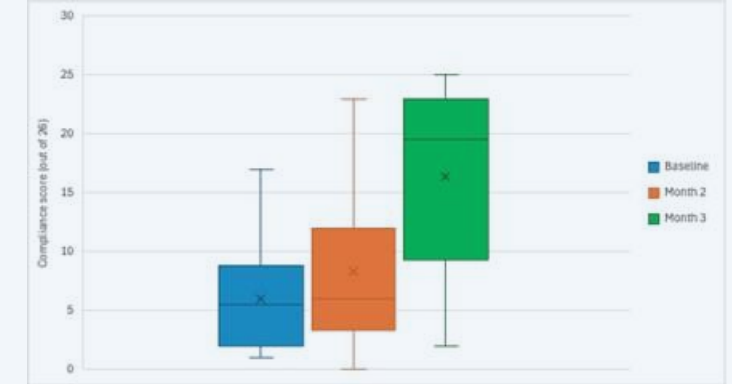
Addressing behavioural barriers for biosecurity adoption through PMP-TAB in Tanzania



SCORE		/1		
4.	Change overcoat and boots before entering pens	 Boots and farm-specific clothes (overcoats) provided their use is limited to the pig pens	YES	NO
		 Changing clothing and footwear after contact with animals		
		 Clothing and boots are visibly clean		
SCORE		/1		
5.	Segregate pigs by age groups	 Pigs of the same age and production stage are housed/kept together	YES	NO
		 All pigs are removed from the pen before the next group of pigs move in (applying all-in-all-out principles)		
		 Between groups, clean pens (using soap or detergent). Allow to dry. Leave empty for 14 days before introducing new pigs		
SCORE		/1		
6.	Good housing	Walls high enough to prevent pigs entering from	YES	NO

Practical checklist with clear indicators to assess compliance

Practical checklist with clear indicators to assess compliance



Progressive: **Step-by-step** approach facilitates adoption and avoid frustration



Co-evaluation



Co-analysis



Co-planning



Co-design

Co-creation process incorporates all barriers that local actors face, making adoption of resulting checklist easier

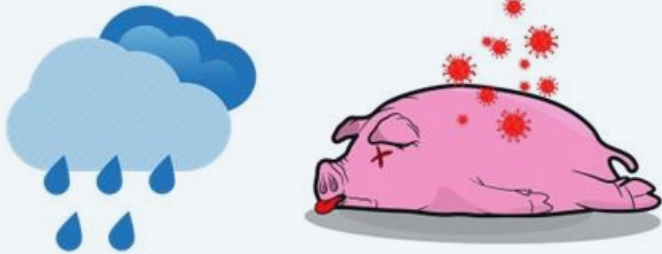


Advocacy efforts contributed to the decision by the local government to provide **fuel allowance** to LFOs

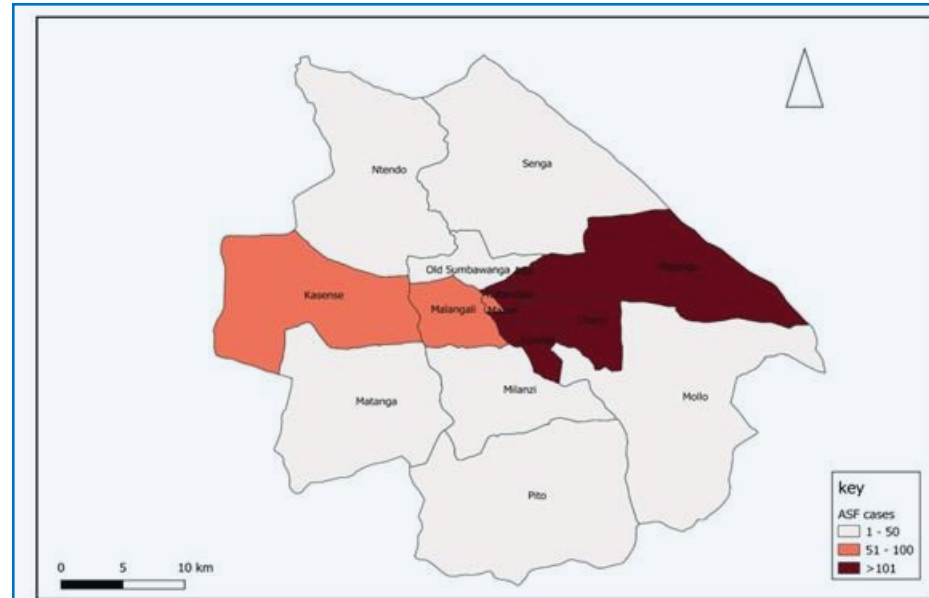


Addressing behavioural barriers for biosecurity adoption through PMP-TAB in Tanzania

TIMELY



Intervention before rainy season (Nov),
when ASF is more prevalent – **perceived
as preparedness phase**



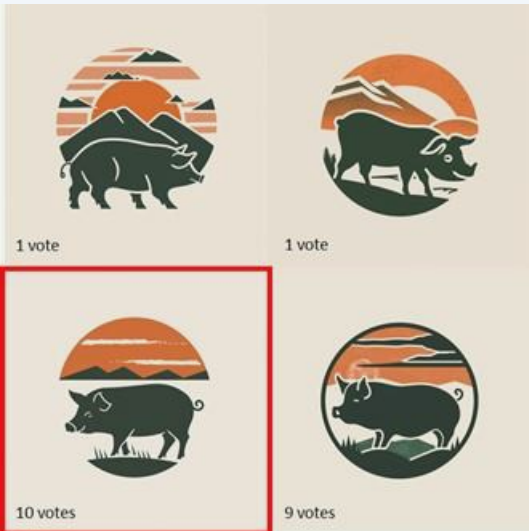
Intervention took place in the aftermath of an
active **ASF outbreak season**



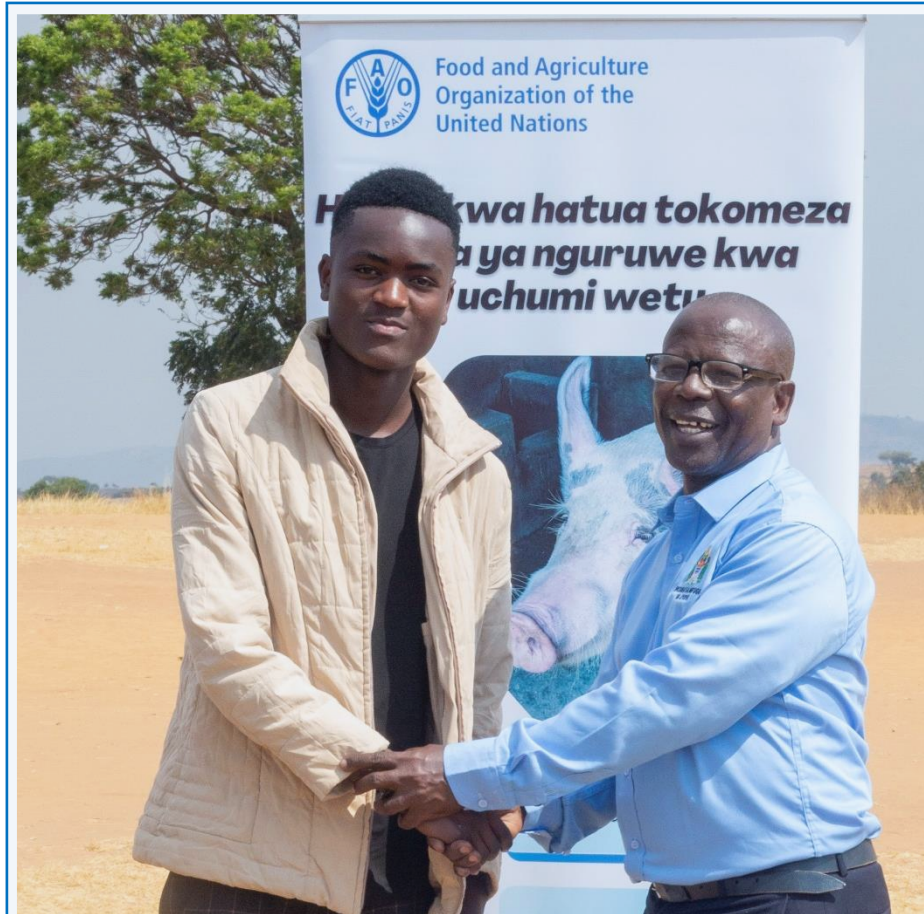
Regular events (almost monthly) to
keep a momentum



Addressing behavioural barriers for biosecurity adoption through PMP-TAB in Tanzania



Visual identity chosen by farmers



Public recognition of top adopters

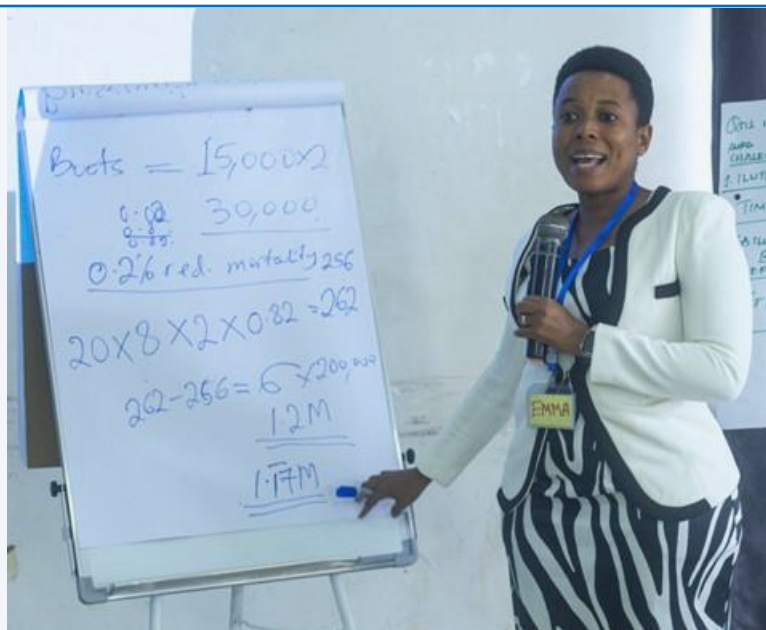


Promoting peer-learning opportunities



Addressing behavioural barriers for biosecurity adoption through PMP-TAB in Tanzania

ATTRACTIVE



Presenting **economic evidence**



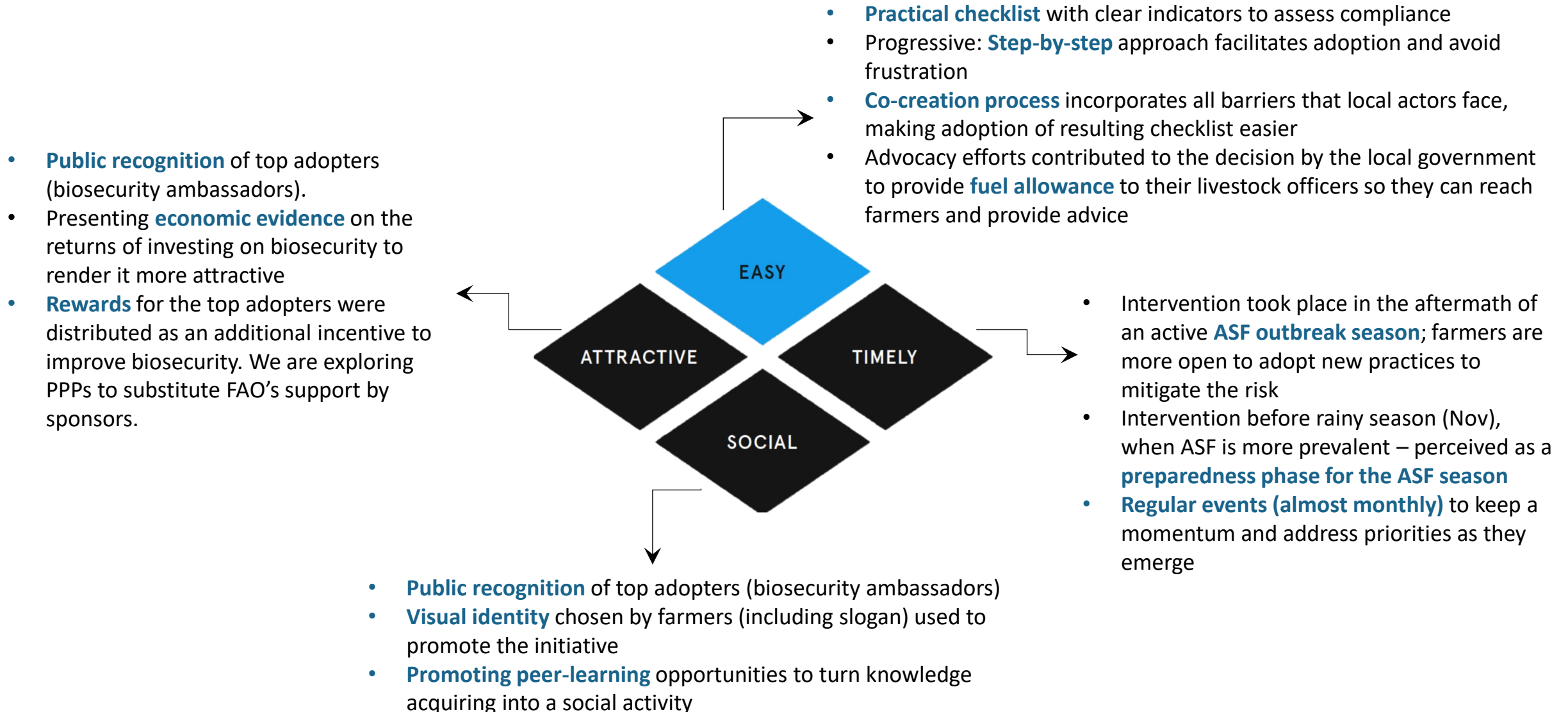
Public recognition of top adopters



Rewards for the top adopters were distributed as an additional incentive



Addressing behavioural barriers for biosecurity adoption through PMP-TAB in Tanzania





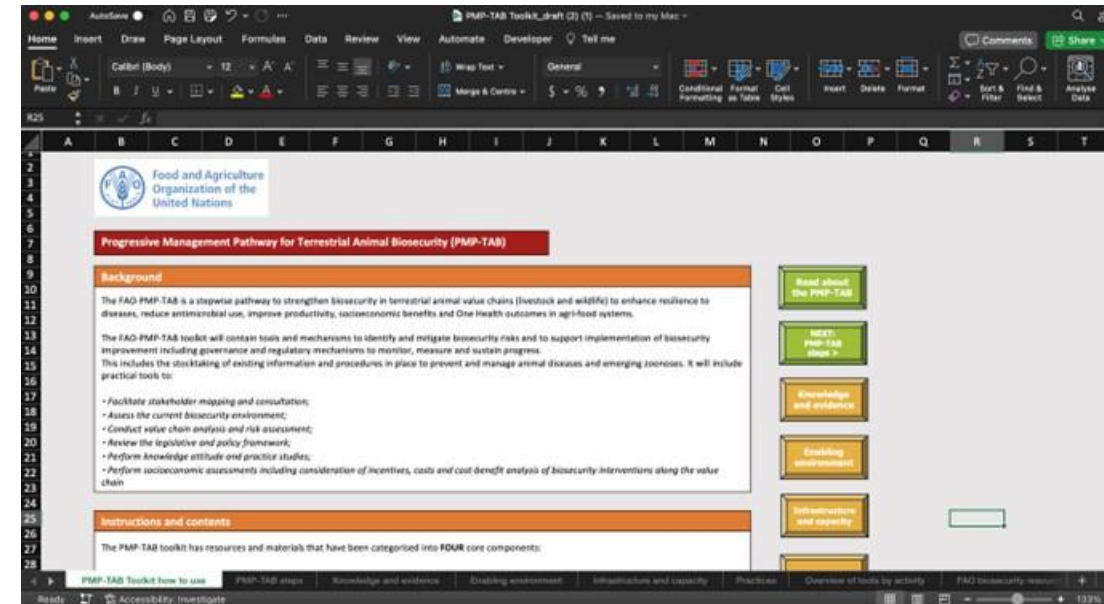
PMP-TAB in Tanzania Sumbawanga district, the pilot region

- Developing biosecurity checklists to facilitate the progressive adoption of good practices among pig farmers in the United Republic of Tanzania
- Legal framework for terrestrial animal biosecurity in the United Republic of Tanzania
- The role of public-private partnerships in providing animal health services to pig farms
- Evaluation of business models and biosecurity practices in pig farming



PMP-TAB toolkit

- **The toolkit** contains practical tools and guidelines to facilitate the implementation of the FAO-PMP-TAB steps
- Resources identified through:
 - Mapping exercise
 - Open call for sharing resources
- Open access Excel-based tool hosted on fao.org
- Tools and resources able to be accessed, adapted, re-shared for inclusion in the toolkit





Community of Practice for terrestrial animal biosecurity

Objectives:

- Foster **collaboration** between members and experts; support **knowledge dissemination** and platform for **sharing** challenges and developing solutions

Progress:

- Online platform hosted on the FAO VLC as part of the **One Health Knowledge Nexus** and mobile app version available
- To date, >450 members from >95 countries
- Monthly webinar series where technical topics, case studies, research presented
- CoP subgroups: for in-depth discussions on practice, knowledge creation and sharing

Join the PMP-TAB Community of Practice today to co-learn and share knowledge and evidence on biosecurity management in terrestrial animal sectors.



Introduction

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Community members

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Knowledge Hub

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PMP-TAB toolkit

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Subgroups of the CoP

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CoP Media

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PMP-TAB monthly webinars within Community of Practice for terrestrial animal biosecurity



Next webinar will take place on **22nd, April 2025** at **15:00 (Rome time)**.

The title is **“Biosecurity resources for the United States beef industry”**

Speakers:

- **Julia Herman (DVM, MS, DACVPM), Beef Cattle Specialist Veterinarian at National Cattlemen’s Beef Association**
- **Danelle Bickett-Weddle (DVM, MPH, PhD, DACVPM), Preventalytics**

All webinar recordings are available through the Community of Practice

PMP-TAB is fostering innovation for strengthening biosecurity:

THANK YOU

Acknowledgements

PMP-TAB team: Madhur Dhingra, Melissa McLaws, Aashima Auplish, Martin Heilmann, Emmah Kwoba, Ugo PicaCiamarra, Andriy Rozstalnyy, Ismaila Seck, Damian Tago, Daniel Toro & FAO PMP-TAB taskforce



Protecting people, animals, and the environment every day