FAO biosecurity improvement programmes under the Progressive Management Pathway for Terrestrial Animal Biosecurity (PMP-TAB)

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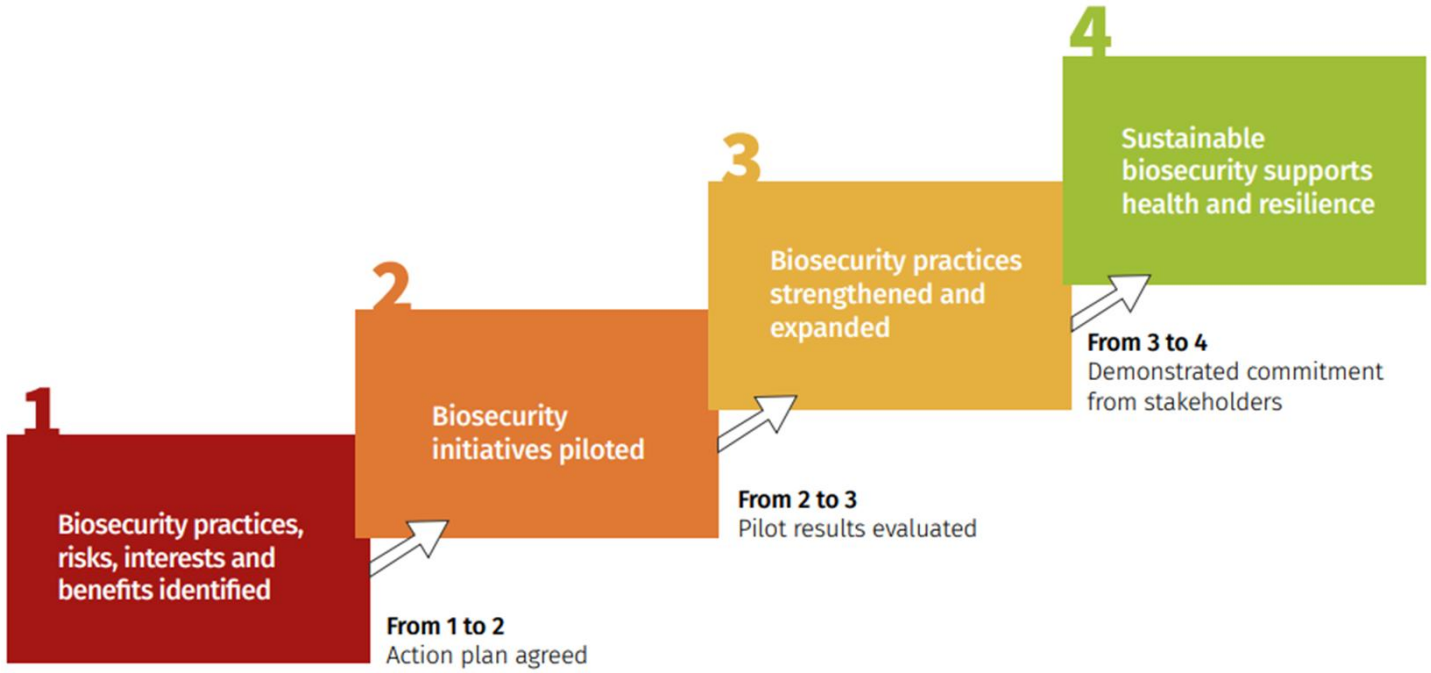
Rational for the Progressive Management Pathway for Terrestrial Animal Biosecurity (PMP-TAB)

- Significant progress has been made in developing strategies, frameworks, action plans for animal health threats.
- The critical challenge remains implementation.
- Instead of developing another national plan, FAO focused on putting existing priorities into practice.
- FAO’s long experience in biosecurity improvement programmes

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

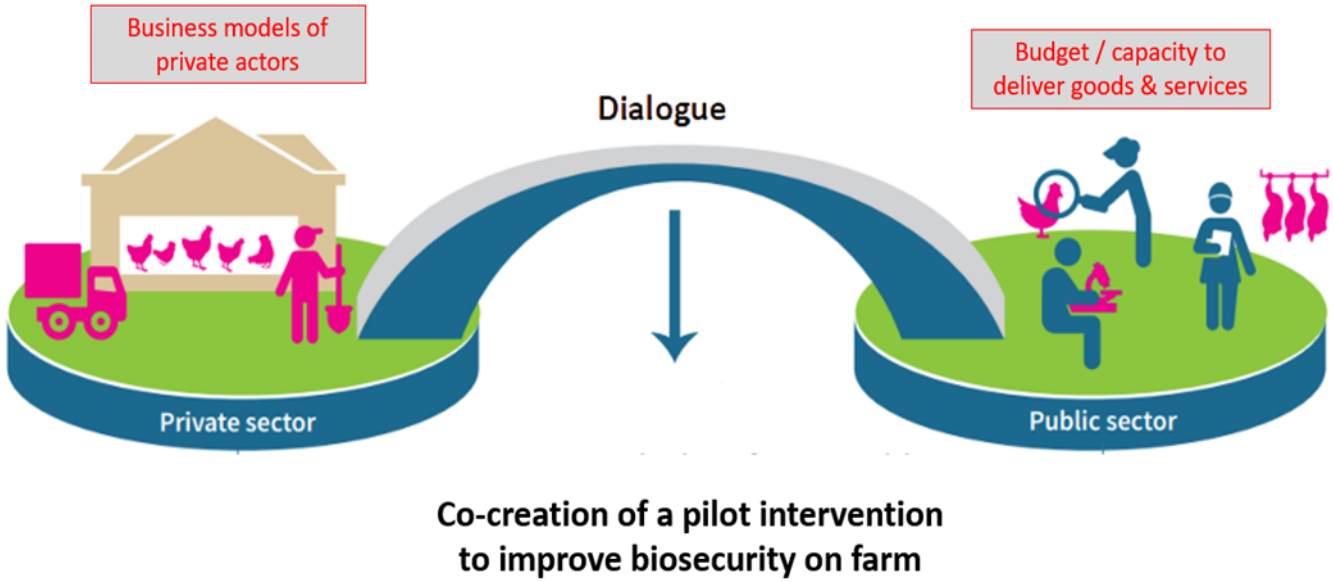


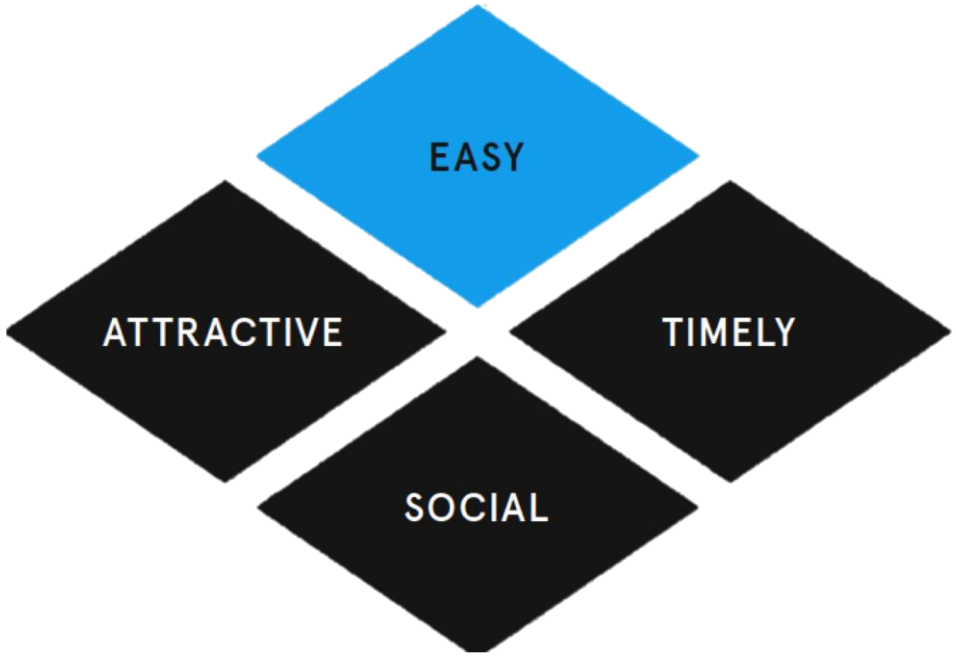


https://www.fao.org/documents/card/en/c/cc5771en

The Progressive Management Pathway for Terrestrial Animal Biosecurity (PMP-TAB) approach

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

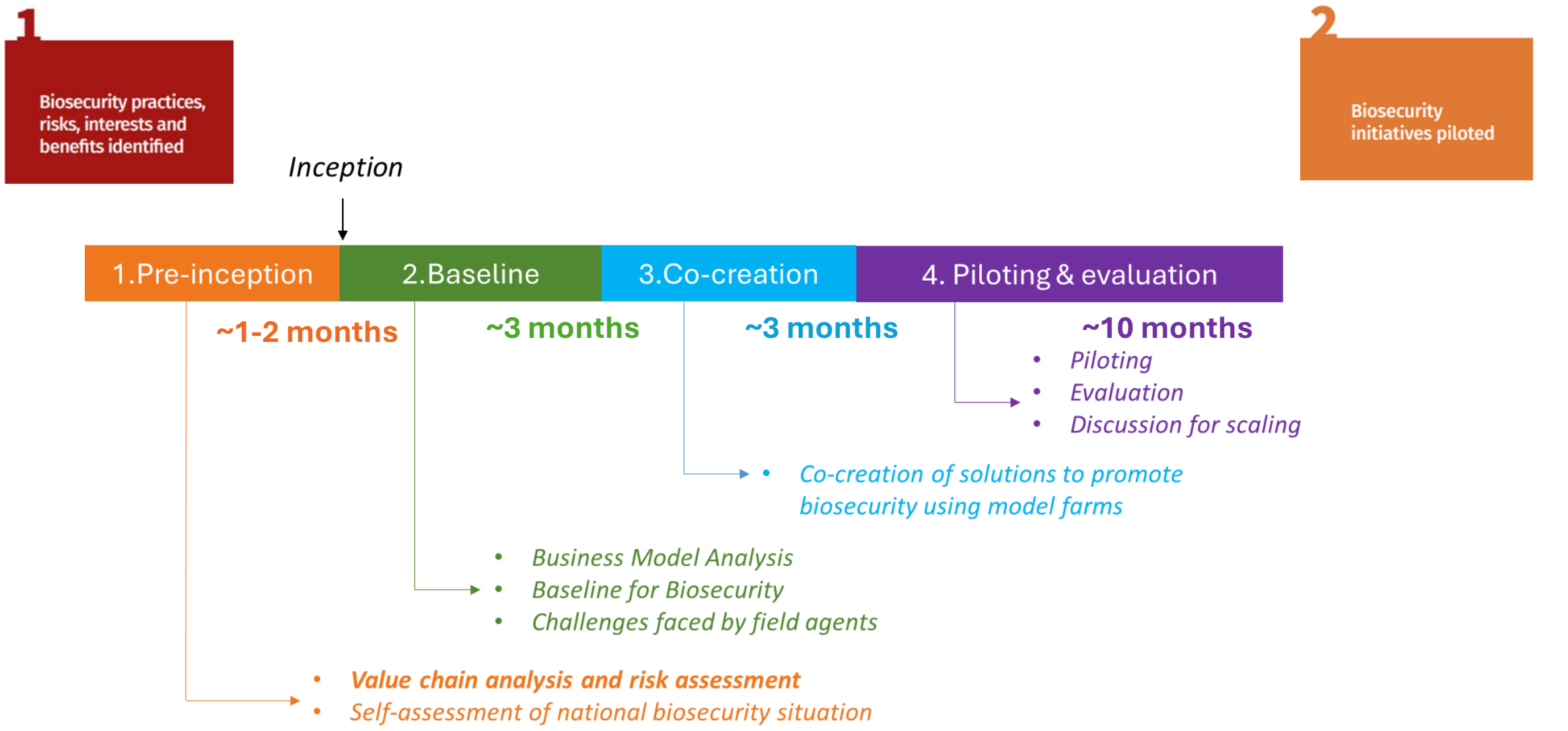




Fostering Public-Private Partnerships

Focused on behavioral changes

A standardized approach for the first two steps of the FAO-PMP-TAB

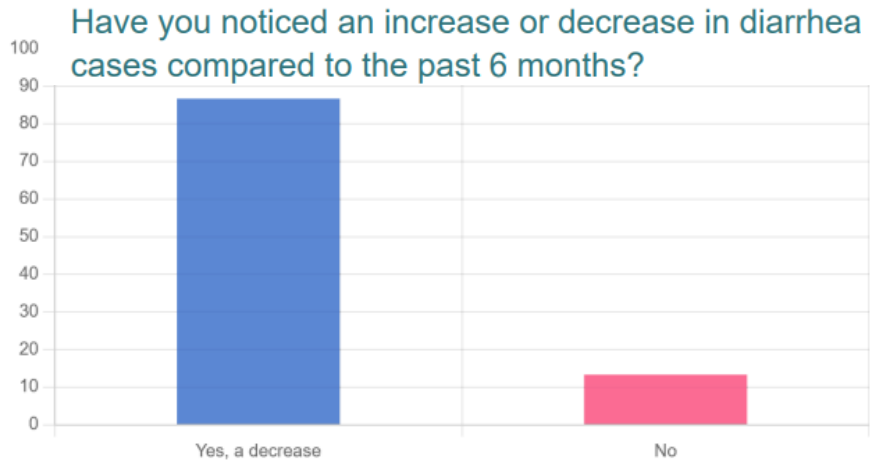


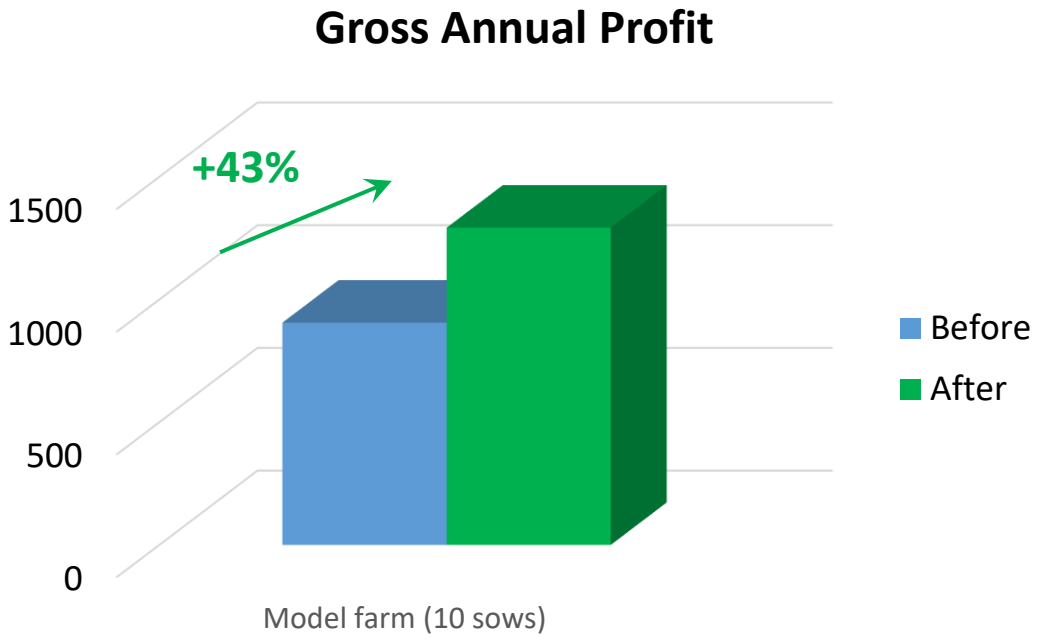
~100k – 300k USD

Proof of concept moving into scaling up phase (Tanzania)





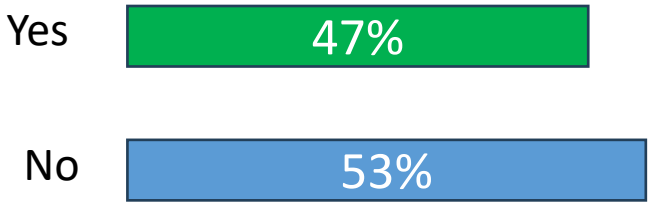




Proof of concept moving into scaling up phase (Tanzania)

No ASF outbreaks in the municipality during the high-risk season after the intervention

Compared to the last visit, have you adopted new biosecurity practices according to the checklist?



Compared to the last visit, have you stopped any biosecurity practice from the checklist that you already had in place?





District authorities started providing fuel allowance in Oct 2024 (so far 4 + budget 2026)

+

USD 11,560 of 2026/27 district budget allocated to support LFOs to provide services

Proof of concept moving into scaling up phase (Tanzania)

Strategy for scaling-up

- Showcasing Sumbawanga's authorities as a model for investing in strengthening biosecurity
    - *Peer-to-peer influence: encourage other municipalities to follow Sumbawanga's example*

- Collaboration with Academia, who got a grant from Ghent University to expand the FAO-PMP-TAB to neighboring municipalities

- Support municipalities to include biosecurity support into their 2026-27 budgets

- Review of the Animal Disease Act to empower the MoA to establish minimum biosecurity requirements for commercial farms



Other innovative solutions co-created

Gabon – a contest to identify best practices to eviscerate carcasses in the field





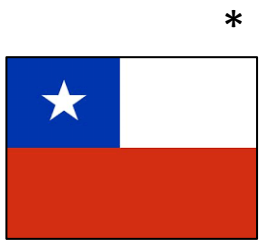
Morocco – building a 5-year partnership to strengthen poultry biosecurity

Cabo Verde – affordable feed recipes with local ingredients to prevent swill feeding



Updates on the FAO-PMP-TAB at global level

Progress made



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1.Pre-inception	2.Baseline	3.Co-creation	4. Piloting & evaluation





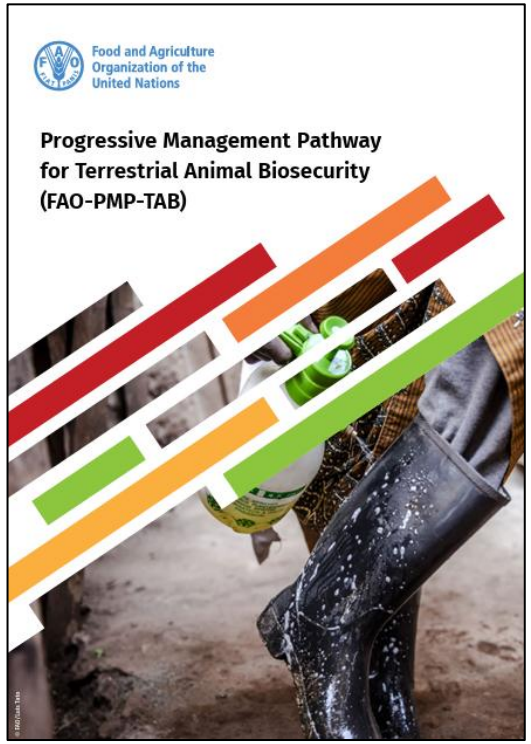




** - There is no piloting planned. The results of the co-creation will be used to guide national programmes*

Products to support PMP-TAB implementation

Global products to support PMP-TAB implementation



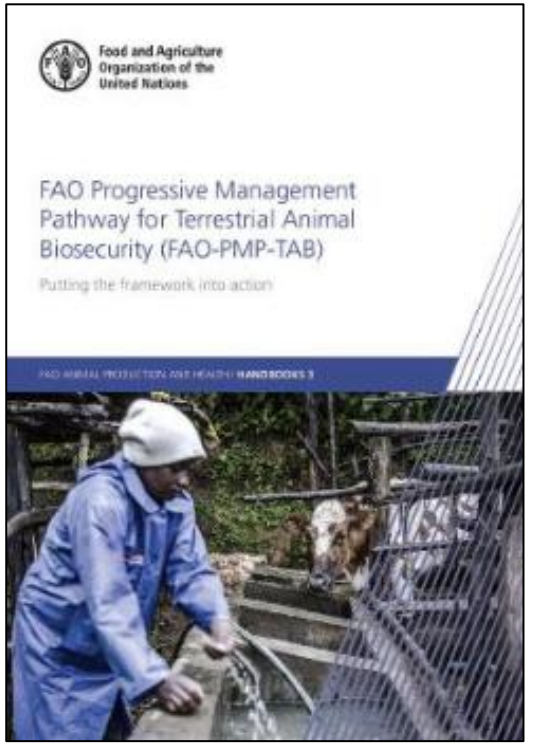
FAO-PMP-TAB brochure (2023)



FAO-PMP-TAB toolkit (2024)

Coming soon:

- Manual to co-create biosecurity solutions
- VLC course on PMP-TAB



Handbook – putting the framework into action (2025)

Products to raise visibility

Community of Practice (CoP) & networking

Community of Practice for the progressive management pathway for terrestrial animal biosecurity



+730 members registered

+108 countries

Introductory course to the FAO's Progressive Management Pathway for Terrestrial Animal Biosecurity



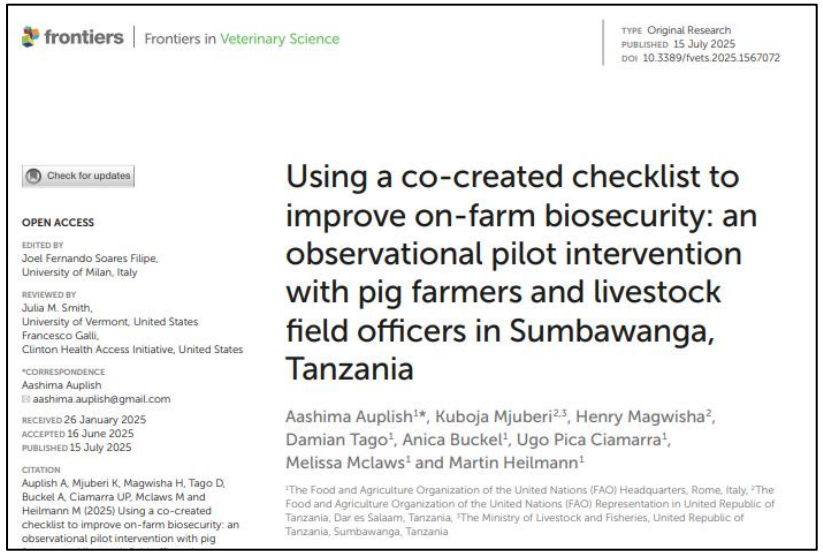
1 self-paced virtual course on FAO-PMP-TAB

Products to raise visibility

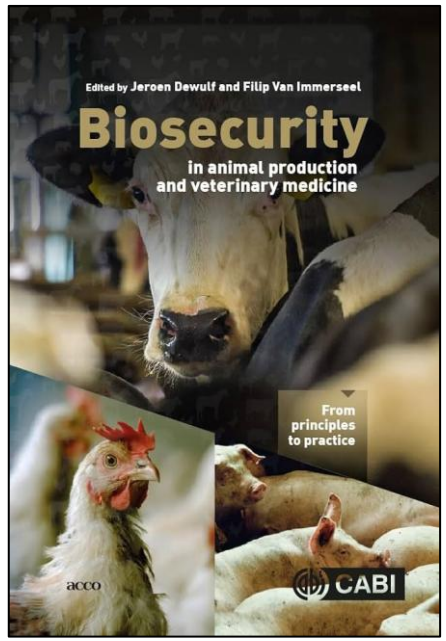
Products to raise visibility of the PMP-TAB work



5 Technical briefs (2024-2025)



1 peer review publication (2025)



Chapter on Biosecurity in smallholders

In the pipeline: Four infographics with the results of co-creation workshop and one advocacy paper with the WB

Products to raise visibility of the PMP-TAB work (infographics)

ASF kills pigs

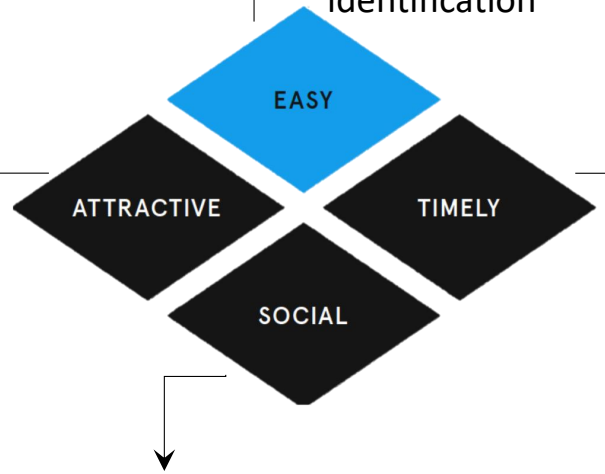


Easy: A practical checklist, with indicators to facilitate gap identification

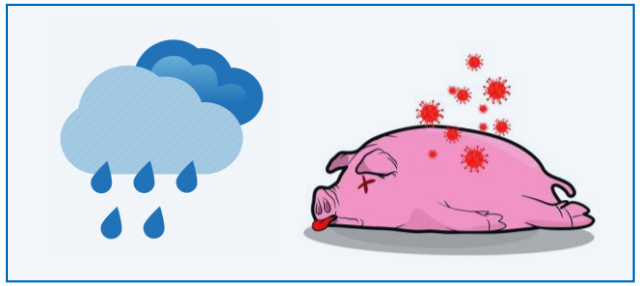
		SCORE		/1	
4.	**Change overcoat and boots before entering pens**		Boots and farm-specific clothes (overcoats) provided their use is limited to the pig pens	YES	NO
			Changing clothing and footwear after contact with animals		
			Clothing and boots are visibly clean		
		SCORE		/1	
5.	**Segregate pigs 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

Attractive: Responds to farmers' priorities and adds incentives





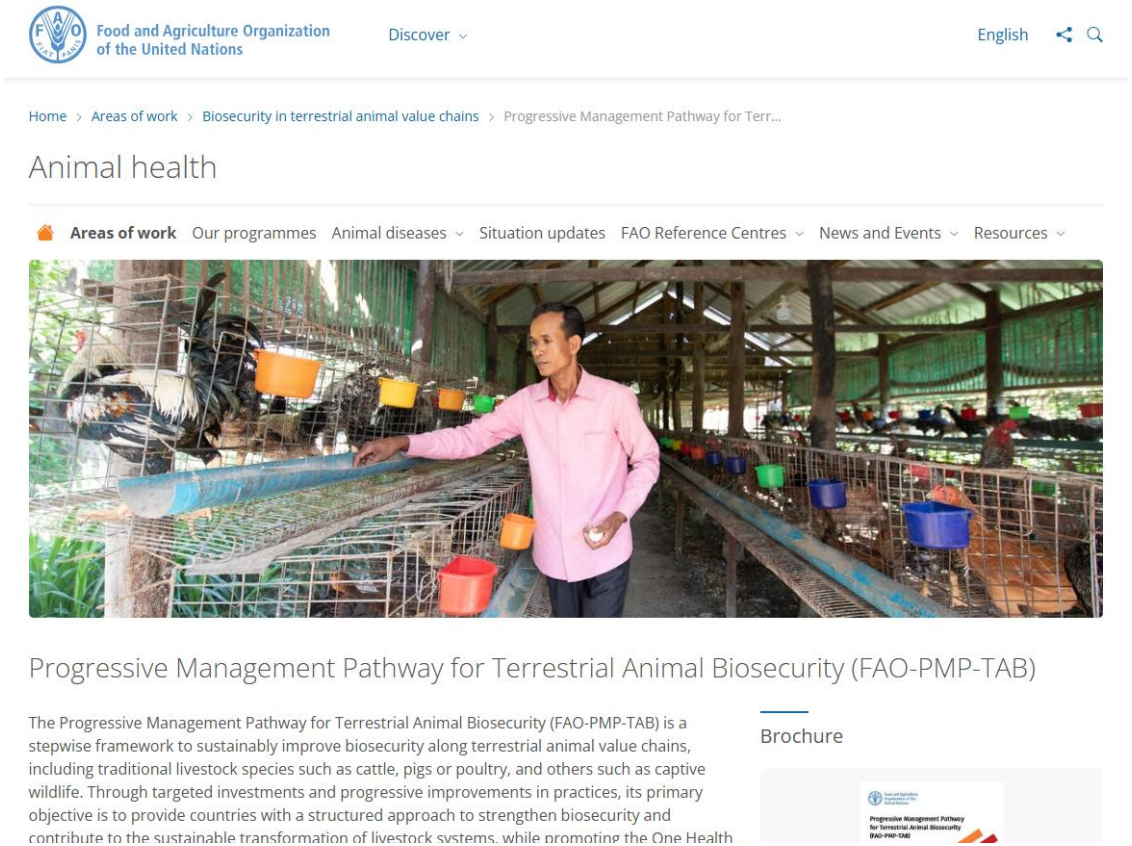
Timely: The measures were promoted in preparation for the African swine fever outbreak season



Social: Public recognition of farmers that made the most progress on biosecurity

Products to raise visibility

Dedicated website to the FAO-PMP-TAB

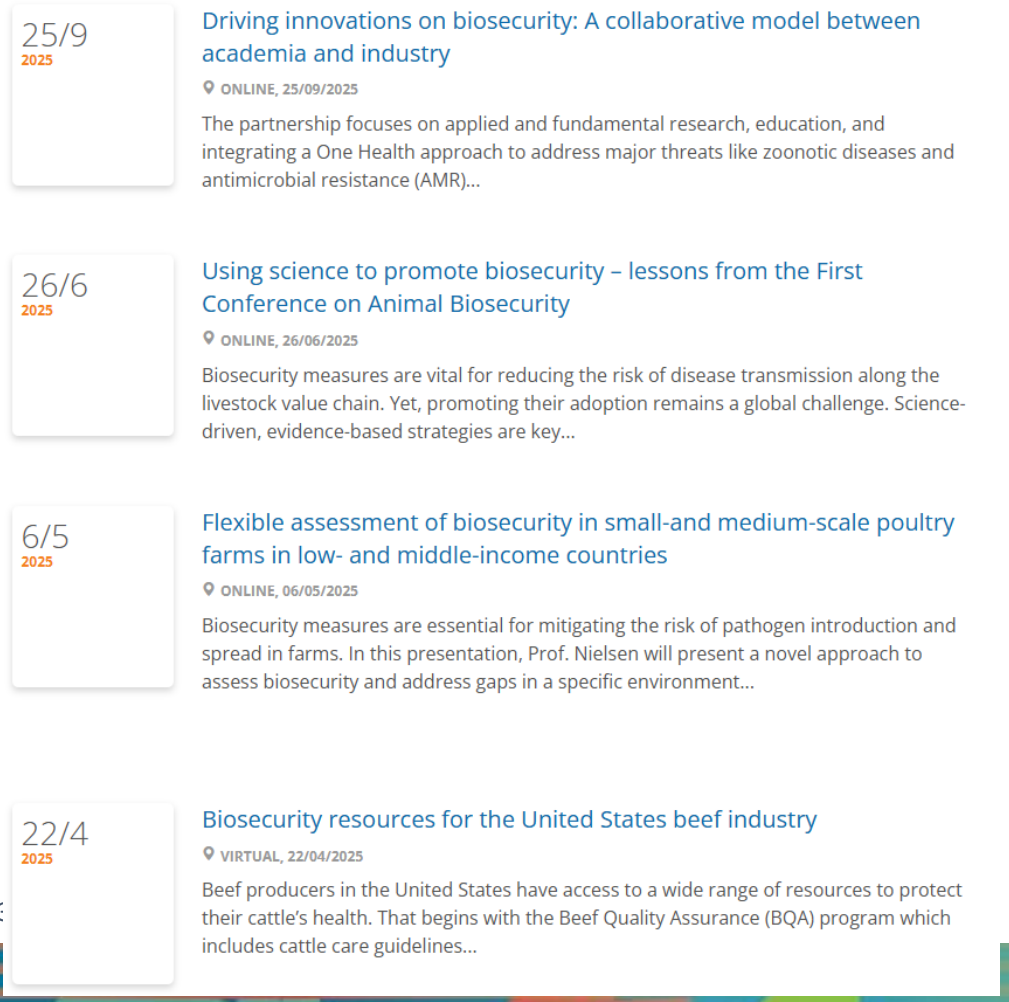


- "One-stop shop" for all PMP-TAB resources.
- Linkages to other relevant websites (e.g. PMP-AB).
- Great support when presenting the PMP-TAB in meetings with very restricted time

Scan the QR code!

Products to raise visibility

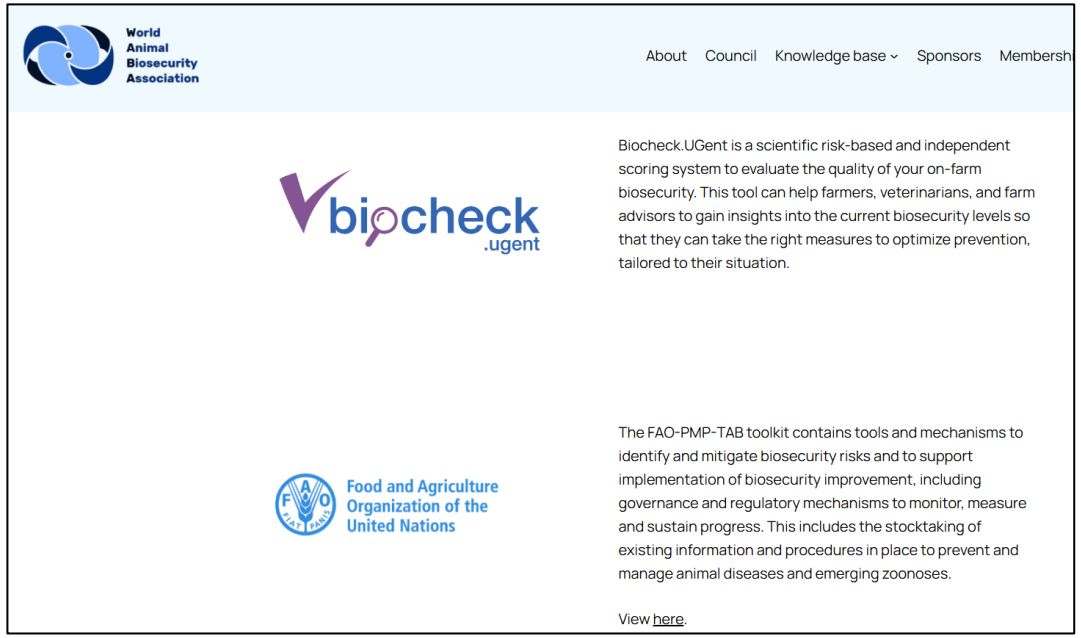
PMP-TAB webinar series



- Eight webinars organized in 2025
  - *Two webinars were jointly organized with the World Animal Biosecurity Association (WABA), with an attendance 2x or 3x higher*
- Eight webinars organized so far in 2026
  - *All in partnership with WABA*

Products to support PMP-TAB implementation and raise visibility

Strategic Partnership with WABA (to be formalized through MoU in 2026)





WABA

- Demonstrated benefit, increasing attendance to the webinars
- Invitations to the Advisory Board of related projects
- Increased visibility of FAO's work and resources produced

Disseminate knowledge and innovations

Mobilize resources and expertise

- PMP-TAB provides countries with a practical and progressive framework to systematically identify biosecurity gaps, prioritize investments, strengthen stakeholder engagement, and monitor improvements across animal production systems and value chains

- PMP-TAB enables countries to move from reactive disease control toward sustainable prevention, resilience, and improved animal health security

Thank you

