



STANDARDS *and* TRADE  
DEVELOPMENT FACILITY

# Pesticide risk reduction for safe trade facilitation

CABI Regional Consultation  
of Asia-Pacific Member Countries

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# STDF Strategy for 2025-2030: Facilitating Safe Trade to meet the Global Goals

Helping developing countries to implement the international standards (Codex, WOA and IPPC) recognized in the WTO SPS Agreement to gain and maintain market access



Food and Agriculture  
Organization of the  
United Nations



WORLD BANK GROUP



World Health  
Organization



World Organisation  
for Animal Health  
Founded as OIE



WORLD TRADE  
ORGANIZATION

# Connecting stakeholders across agriculture, health, trade and development



## Strong collaboration with CABI across STDF workstreams

Global partnership for SPS dialogue and coordination

Knowledge and good practices

Funding for innovative and collaborative safe trade projects



# STDF regional projects to address pesticide MRL challenges facing minor-use crops

## Regional projects in Africa (AU-IBAR), Asia (ASEAN) and Latin America (IICA): 2012-2017

- Few pesticide MRLs for tropical crops
- Existing MRLs differ from Codex standards and among trading partners
- Big gaps in residue data in developing countries
- Limited knowledge and high cost of generating data and registering new pesticides
- Farmers have few options for less toxic solutions



# Delivering results, influencing change



- 160+ government officials with improved knowledge and skills
- Residue studies and data for 10+ new Codex MRLs for minor-use crops
- Reduced-risk pesticides registered in 18+ countries
- More active engagement of developing countries in Codex work
- Global Minor Use Foundation created, with launch of new joint residue projects
- Catalysed follow-up work on biopesticides

# Innovation based on biopesticides: Safer crops, environmental benefits, trade facilitation

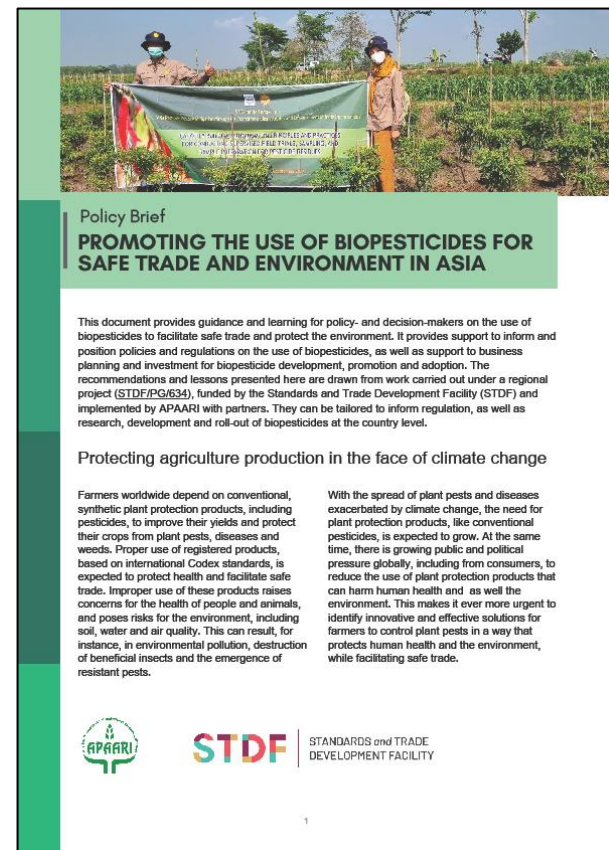
## STDF regional projects in Asia, Southern Africa and Latin America

- Pilot use of biopesticides (lower residues, sufficient pest control) alongside conventional pesticides (lower cost, greater efficacy)
- Strengthen public-public and public-private cooperation, within and across regions
- Develop new scientific knowledge and good practices for pesticide risk reduction
- Create an enabling policy and regulatory framework for biopesticide registration and uptake
- Promote regulatory harmonization



# Safer crops, environmental benefits, market access: Key results from APAARI-led STDF project

1. Over 170 scientists trained in Bangladesh, Cambodia, Indonesia, Lao PDR, Malaysia, Sri Lanka, Thailand, Viet Nam (and Pakistan)
2. 18+ residue mitigation studies on crops grown by small-scale farmers
3. Evidence of 50% drop in pesticide MRLs for cabbage, sweet basil, dragon fruit and chili peppers
4. Regional alignment with ASEAN Guidelines on the Regulation, Use and Trade of Biological Control Agents (2014)
5. Supported national efforts to reduce use of chemical pesticides and promote sustainable agriculture



# Pesticide risk reduction: Learning from experiences, looking to the future

1. Importance of international standards, regulatory harmonization
2. Partnerships are key to connect, learn and leverage collective expertise
3. Shift from pilot to scale
4. Financing and incentives
5. Mainstream cross-cutting issues for stronger results and sustainability
6. Urgency, openness and readiness for change
7. Improved monitoring, evaluation and learning to show trade benefits, as well as impacts on One Health and domestic spillovers



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