

FARM: A Global Effort for Agrichemical Reduction

CABI Regional Consultation Meeting, Basel, 19 Feb 2025

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Sustainable agriculture

Stockholm Convention on persistent organic pollutants (POPs)

Global commitments

Global Biodiversity Framework:

TARGET 7: Reduce pollution to levels that are not harmful to biodiversity and ecosystem functions and services



Global Framework on Chemicals:

Target A7 - By 2035, stakeholders have taken effective measures to phase out highly hazardous pesticides in agriculture where the risks have not been managed and where safer and affordable alternatives are available, and to promote transition to and make available those alternatives.



Global Framework on Chemicals

Financing Agrochemical Reduction and Management

Global Environment Benefits











Objective: Catalyze a framework for regulatory and financial investment in the agriculture sector to detoxify the sector by eliminating the use of the most harmful inputs to food production systems











Implemented by:









Implemented from 2023-2028

7 countries:

Ecuador, India, Kenya, Lao PDR, the Philippines, Uruguay, Viet Nam















Executing agencies:

Ministry of Environment, Water and Ecological Transition (MAATE) of Ecuador; Department of Chemicals & Petrochemicals; Ministry of Chemicals and Fertilizers of India; HIL (India) Limited; Food and Agriculture Organization of the United Nations (FAO); Ministry of Agriculture and Forestry (MAF) of Lao PDR; Fertilizer and Pesticide Authority (FPA) of the Department of Agriculture of the Philippines, Philippine Agriculture and Resources Research Foundation, Inc. (PARREI); Ministry of Agriculture and Rural Development (MARD) of Viet Nam and Green Growth Knowledge Partnership (GGKP)

FARM Theory of Change

Components

Component 1

Policy and enforcement

Enhancing surveillance to improve the management of pesticides and agricultural plastics and promote the adoption of safer alternatives.



Component 2

Financing and investment

Ensuring mechanisms incorporate environmental considerations and support the promotion and adoption of new technologies for sustainable agricultural practices.



Component 3

Capacity and knowledge

Informing stakeholders of environmentally sustainable management of pesticides and hazardous pesticide waste, agricultural plastics and adoption of safer alternatives.

Programmatic Outputs

- 1.7 National regulations apply life cycle approaches for phasing out POPs and HHP agrochemicals and agri-plastics, and are regionally equivalent to control international supply chains.
- 1.2 Faster and easier registration of alternatives andt procurement of emergency pest control products.
- 1.3 Stronger enforcement of pestidde/ plastic management standard, (e.g. import and manufacture of POP's, counterfeit pesticides, analytical capacity, monitoring of health and environmental impacts) and equivalent enforcements for export and domestic consumption.
- 2.1 Government subsidies promote alternative pest control measures; and sustainably fund regulatory system and needs.
- 2.2 Responsible banking/investment/criteria and safeguards exist and are applied to reorient investment from POPs and HHPs.
- 2.3 Ag investment programmes reach the least connected smallholder farmers and incentivize use of alternative pest and crop management.
- 2.4 Commercial banks provide access to finance for commercialization and uptake of alternatives for pestiddes and plastics (insurance, credit, loans, etc.) including via criteria and positive target.
- 2.5 Resources mobilized for collection and disposal channels and disposal channels and infrastructure for agroche micals and plastic wastes.
- 3.1 Extension and advisory services guide farmers to replace POPs and HHPs with viable, locally appropriate alternatives for agrochemicals and agri-plastics; a gronomy education curricula include biological and alternative pest control.
- 3.2 Provision and uptake of professional crop spraying and plastic management services.
- 3.3 Global access to knowledge and best practices available and used to inform and drive scaling up of low/no chemical agriculture.

Programme Objectives

Increased financing for manufacture & commercialization of low/ no chemical pest control alternatives, facilitated by access to knowledge.

Increased knowledge, and incentives for farmers to adopt alternative crop management approaches.

Access to finance and knowledge of best practices for the environmentally sound management of hazardous waste including unwanted pesticides and agri-plastics.

FARM Activities

Component 2: Finance and Investment

Output 2	Interventions	Countries
1. Government	Adapt subsidy schemes for eco-incentives	Uraguay/Kenya
subsidies promote	Establish financial incentives (tax, R&D).	Uraguay/Kenya, India, Laos
alternatives	Create "Green Finance Framework.",eg: "eco-compensation'	Vietnam
2. Responsible banking and	Implement UNEP FI's Principles for Responsible Banking	Global
investment	Promote low/no-chemical options in financial targets among commercial banks and providers of financial services	Laos, India, Philippines
	Strengthening capacity of banks and investors in safeguards on agrochemicals and agri-plastics	Laos, Ecuador
3. Reach smallholder	Demonstrate sustainable alternatives (e.g., drought resilience).	Uraguay/Kenya
farmers	Adapt national agricultural investment programmes.	Uraguay/Kenya
	Development banks rovide microfinance loans and technical support to to farmers	India, Philippines

FARM Activities

Component 2: Finance and Investment



Output	Interventions	Countries
4. Commercial banks finance alternatives	Partner with banks to create innovative financing products	Lao PDR, Ecuador
	Develop competitive funds for reducing HHP use.	Lao PDR, Ecuador
	Establish financial information centres, digitally linked these, to improve access of supply chain actors to finance for commercialization and uptake of alternatives to POPs/HHPs and agriplastic	Uraguay/Kenya
5. Mobilize resources for waste management	Facilitate funding for Extended Producer Responsibility (EPR) mechanisms.	Uraguay/Kenya
	Catalyze recycling and reduction of agricultural plastics, (e.g. plastic mulch film, irrigation drip tape, seed trays, thin hothouse films)	Vietnam
	Link waste management schemes to regulatory frameworks.	Uraguay/Kenya

FARM Global Child Project Activities

Component 2: Finance and Investment



Outcome 2

 engage public and private finance actors to share and user FARM and FARM-related knowledge to reorient financial resources to the reduction and sound management of chemical and plastic pollution in the agriculture sector.

Output 2.1

 Private finance actors have increased knowledge, capacity, and tools to align their portfolios with global, regional, and national goals to prevent and reduce chemical and plastic pollution

Output 2.2

 Public finance actors have increased knowledge and capacity to align their policies and de risking strategies with global, regional, and national goals to prevent and reduce chemical and plastic pollution

Targets



30 private financial institutions &10 public finance actors taking action (by mid-2027)

1 guidance developed (by 2025) 1 methodology, tool or study developed (by mid-2027) 30 private finance professionals trained (by mid-2027)

1 guidance published, compiling best practices (by end 2025) 4 reports produced (30% by 2025) 50 experts and stakeholders engaged (30% by end 2025)

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community space for interaction, collaboration, and learning among value chain actors seeking to reduce the use of harmful pesticides and plastics in agricultural

FARM group at the Green Forum

production.

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Join the FARM group at the Green Forum



Where to start:

- Scan the QR code above or visit the <u>Green Forum homepage</u>.
- 2. Click "Sign up". To join the FARM Group, you will first need to be a Green Forum member.
- 3. Once a member, you can join the <u>FARM Group</u> by going to the group page and selecting "Join" on the group banner.
- 4. Start sharing your work, connect with like-minded partners, and contribute to peer-learning activities in the group.
- 5. You can discover more about how to navigate and use the FARM Group at the Green Forum here: <u>FARM Green Forum</u> and <u>Knowledge Uploading Guidance</u>

FARM Group is part of the Green Forum, an interactive community space managed by the Green Growth Knowledge Partnership.





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