



# Session 4.5: Finance mechanisms supporting implementation of pesticide risk reduction approaches

Dr Bryony Taylor, 13<sup>th</sup> June 2025



## Session aim

- CABI would like to understand better how global financial mechanisms can support the implementation of approaches such as pesticide risk reduction
- How these need to be considered in the development of CABI's offering to member country and other stakeholders.





# The macro level

- “More than half of the world’s total GDP is moderately or highly dependent on nature”<sup>1</sup>
- This means a decline in nature will increase financial risk
- However, public funds account for 86% of investment in nature-based solutions, with only 14% from the private sector
- Competitive advantages and improved resilience are predicted for businesses that address their impacts and dependencies on biodiversity and nature<sup>2</sup>

<sup>1</sup> UNEP, WEF, ELD, Vivid Economics 2021. State of Finance for Nature 2021. (currently all direct quotes) <sup>2</sup> <https://www.cisl.cam.ac.uk/business-action/business-nature/natural-capital-impact-group/download-measuring-business-impacts-on-nature-1>”



# Global financial services

- Low investment in improving biodiversity outcomes in financial services sector
- UN Environmental Programme Finance Initiative- **UN Principles for Responsible Banking** to accelerate a positive global transition for people and the planet.
- UN Environmental Programme - Financing Agrochemical Reduction and Management (FARM) encouraging responsible investment behaviour towards reduction in use of harmful chemicals, incentivise biopesticide commercialisation.

# Policy

Development and implementation of separate bioprotection product regulatory pathways

Withdrawal of approval of HHPS

Long approval times in certain geographies

Many active ingredients not renewed in EU are still registered elsewhere

SPS issues still need to be addressed

# Producers/ Farmers

Certification schemes in response to consumer demand

Investment required for technology transfer/approval transfer into new geographies

Return on investment may take several seasons when transitioning practices

Farmers and biocontrol companies need to have a close relationship so products are used to gain maximum efficacy in the system.

# Bioprotection companies/R&D

Emerging innovations in formulation and delivery methods of lower risk alternatives (R&D investment)

The development of biocontrol's is high risk

There is an opportunity for minor use crops for biocontrol industry





# Investment areas



**Policy:** Can we work with regulators to streamline registration of new products? How can subsidy systems be restructured to reward low-risk practices?



**Production:** Can we work with farmers and financial services to de-risk a change in approach to crop management moving away from high risk to low-risk products?



**Research:** Can we support R&D and efficacy testing of lower risk control products? Improving access and availability of products allows a more consistent, less risky transition to lower risk approaches

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gracias  
thank you

CABI as an international intergovernmental not-for-profit organization, gratefully acknowledges the generous support received from our many donors, sponsors and partners. In particular we thank our Member Countries for their vital financial and strategic contributions.