



CABI in The Americas & Europe Experience and Perspectives

Dr Richard (Dick) Shaw

Senior Regional Director

Regional leadership



Richard (Dick) Shaw
Senior Regional Director –
The Americas & Europe



Wade Jenner
Centre Director –
Switzerland



Yelitza Colmenarez
Centre Director –
Brazil



**Naitram (Bob)
Ramnanan**
Regional Representative –
Caribbean

CABI's Members in the two Regions

17 Member Countries and 3 CABI Affiliates

Americas



Anguilla



Bahamas



Barbados



Bermuda



British Virgin Islands



Canada



Chile



Colombia



Grenada



Guyana



Jamaica



Montserrat



St Helena*



Trinidad & Tobago

Europe



The Netherlands



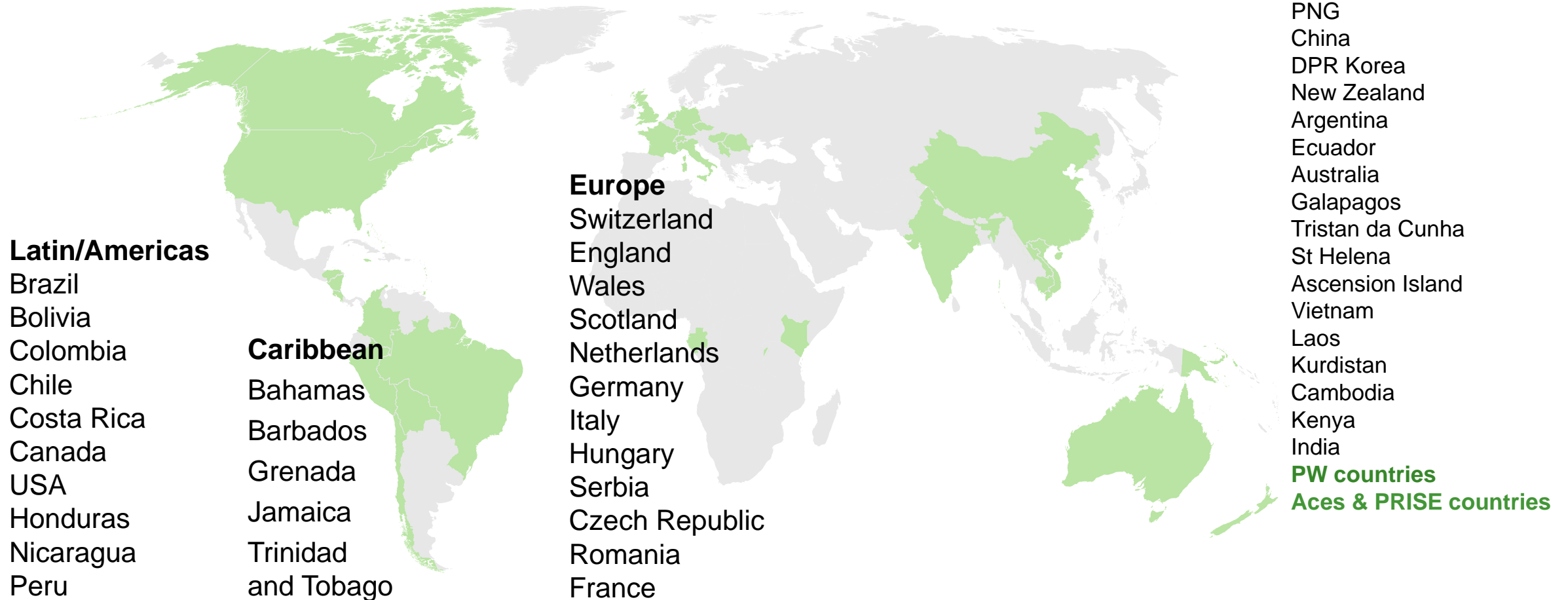
Switzerland



United Kingdom

CABI Affiliates: Campden BRI, Euphresco and SAN (Sustainable Agriculture Network)

Map of Countries we are working with through our teams in The Americas & Europe



Key Partners in the Americas region



Agriculture and
Agri-Food Canada

Agriculture et
Agroalimentaire Canada



Food and Agriculture Organization
of the United Nations



Federación Nacional
de Cafeteros de Colombia



International
Potato Center *Agricultural research
for development*



THE UNIVERSITY OF THE WEST INDIES
ORIENS EX OCCIDENTE LUX



Gobierno
Autónomo
Departamental
Santa Cruz



Universidade Federal de Viçosa
Ensino, Pesquisa e Extensão para a
Sociedade Brasileira

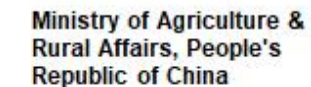
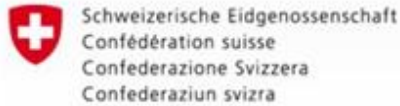


Ministerio de
Agricultura y Riego

Instituto Nacional
de Innovación Agraria



Key Partners in the European region



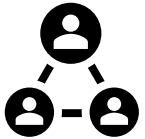
Partnership Experiences in International Development



Global reach and 100+ years of experience



Membership structure



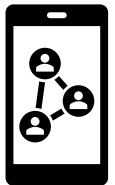
CABI's scientific, information capacity, networking, partner linkages, with other scientific organizations, Governments, private sector and farmers



Experienced, trained, knowledgeable scientific teams add value in designing and delivering CABI's mission in partnerships



CABI and partners share systems and innovate for sharing knowledge and experiences among member countries



Partners benefit from affordable open access resources to maximize outreach of scientific information and knowledge



Examples of Successful Partnership

Plantwise: Building plant health systems in the Americas



>50 public, private and civil society organisations partnered for implementation



>1,600 plant doctors trained & **415** plant clinics established



>400,000 farmers received advice from plant clinics and related activities



Responding to Member Country requests

Can be supported by CABI Development Fund (CDF) as well as PlantwisePlus backstopping funding available upon request from Member Countries

Examples:

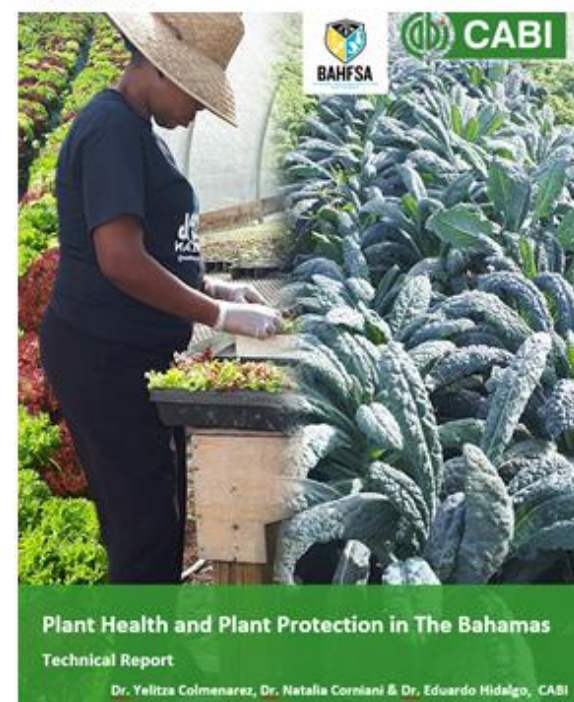
Establishing technical links between the plant health management system of Chile's Agricultural Research Institute and the Plantwise Knowledge Bank - Chile



Management of *Fusarium oxysporum* f.sp. cubense – Tropical Race 4 (TR4) Colombia and Caribbean member Countries



Establishing a National Pesticide Policy and Reinforcing Sustainable Production in the Bahamas



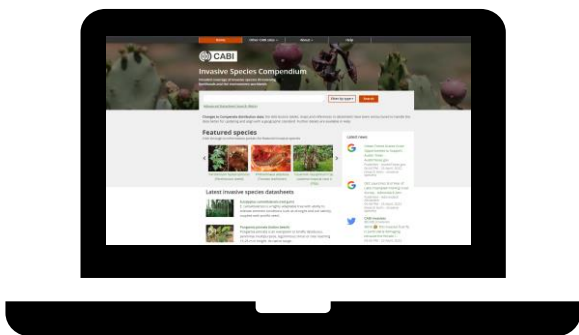
Establishing a National Data Management system in Grenada



Digitization of Quarantine Pests' data on ODK- RADA – Jamaica

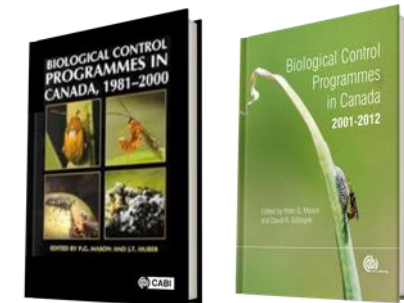


Cooperation with North America



Support for **invasive species management in Canada and the USA** for several decades, delivering biological control programmes targeting exotic insect and weed species.

Significant annual peer reviewed publication on Invasives including the CABI book series "**Biological Control Programmes in Canada**" since 1910.



With partners, we are currently conducting biological control research for more than **20 invasive weeds** and **5 invasive arthropod pests** in North America

Through USDA ARS & APHIS we produce the highly valued **compendia on crop pests, animal health and invasive species** – ISC has 12,000 species and is open access www.cabi.org/ISC with over 2m users worldwide

CABI/Kenya currently working with APHIS and ARS to develop products to control **Coffee Berry Borer** in Puerto Rico & Hawaii

Network of Caribbean Region Partnership



Delivering:

Horizon Scanning and Regional Pest Prioritization
Capacity building in Plant Health and Invasive Species Management
Tools for Improving Surveillance
Implementing the Caribbean Biosecurity Interception System

With national entities in agriculture and the environment from:

Antigua and Barbuda, Bahamas, Barbados,
Belize, Dominica, Grenada, Guyana, Haiti, Jamaica, Montserrat,
St Lucia, St Kitts & Nevis, St Vincent & Grenadines, Suriname,
Trinidad & Tobago; Anguilla, Bermuda, British Virgin Islands,
Cayman Islands, Turk and Caicos; Guadeloupe, French
Guyana, Martinique, St. Martin; Aruba, Bonaire, Cuba,
Curacao, Dominican Republic, Puerto Rico, Saba, St. Eustatius,
St. Maarten, US Virgin Islands.

Cooperation with FAO in the region



1995-2000's

FAO and National Governments in the successful implementation of the **biological control program** for the **Pink Hibiscus Mealy Bug**

2015

Assessment of three **invasive Trees in Trinidad and Tobago**

2016

Organizing a regional capacity building workshop on **forest products statistics, Trinidad and Tobago** 1-3 March

2017-18

Supporting innovation in **integrated agroecological production systems**, youth creation and youth engagement in productive processes in Jamaica, Saint Lucia and Trinidad and Tobago

2019-20

Scoping studies for **agroecology and biodiversity friendly value chains** in the context of the GEF project GCP/TRI/005/GEF

2022

Review and Assessment of **Public Agricultural Extension and Advisory Service Systems** in Costa Rica, Mexico and El Salvador

FAO Agroecology Project: Jamaica, St. Lucia and Trinidad & Tobago

Completed a **Situation and Outlook Report on Agroecology** in Jamaica, St. Lucia and Trinidad & Tobago – identified key actions for mainstreaming agroecology across the Caribbean

Cooperation with UNEP/GEF



2003

Consultation to develop partnership and linkages to develop a proposal on IAS for funding by GEF

2006

Project Development Facility

2007/8

Project Preparation Grant

2009-14

Mitigating the Threats of IAS in the Insular Caribbean (MTIASC)

2017

Project Preparation Grant

2018-2023

Preventing the COSTS of IAS in Barbados and the OECS islands (six islands, IAS COSTS)

Impacts:

MTIASC: National and Regional IAS strategies; Enhanced Awareness; Capacity Building; Information Management and Sharing; Management Strategies for Control and prevention; eradication of invasive species in offshore islands.

IAS COSTS: Eradication of IAS on offshore Islands in Antigua and Barbuda leading to dramatic recovery of native species on Redonda Island; National IAS Strategies and Action Plans developed in Antigua and Barbuda; Barbados and St. Kitts and Nevis; Building Capacity to manage IAS; Raising awareness of IAS issues; Tools developed: Caribbean Biosecurity Interception System; Field Guides for Identifying Key IAS.

UK Research funding supporting the region

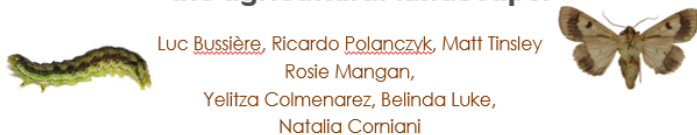
Long Term collaboration

Different calls:

- Agri-Tech-Innovate UK
- Newton Fund
- Catapult

Brazil 2018-2021

Manage the resistance of insects to biopesticides through the heterogeneity of the agricultural landscape.



Luc Bussière, Ricardo Polanczyk, Matt Tinsley
Rosie Mangan,
Yelitza Colmenarez, Belinda Luke,
Natalia Corniani



Co-funded by FAPESP- Brazil

Private Sector Participation:

- Federación Nacional de Cacaoteros – NUTRESA
- Assimila, Climate Edge, Cafexport

Colombia 2017-2020

COLCO Project: Use of plant clinics in the COLCO project to improve cacao production in Colombia



Colombia 2018-2020

Use of advanced digital technology to increase coffee productivity, with a gender focus

“Agri-tech- Innovate UK”



Objective of the project:
Use of advanced digital technology to increase coffee productivity, with a gender focus.



Consortia for invasives in Europe and the Americas

Pooling resources for a shared invasive problem – this supports over 30 projects each year in our UK & Swiss Research Labs.

Advantages:

Project not dependent on a single donor (reduces risk caused by shifting funding priorities)

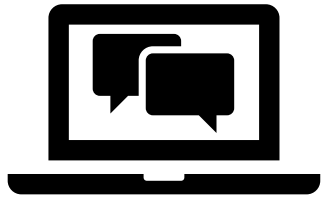
Donors get full biocontrol project benefits but without having to finance the entire work individually

- It is often easier to bring new (especially unfamiliar) donors on board to an existing consortium

The more consortium members there are, the easier it is to set up plans and research for post-release follow-up (longer-term sustainability)

Easier to administer





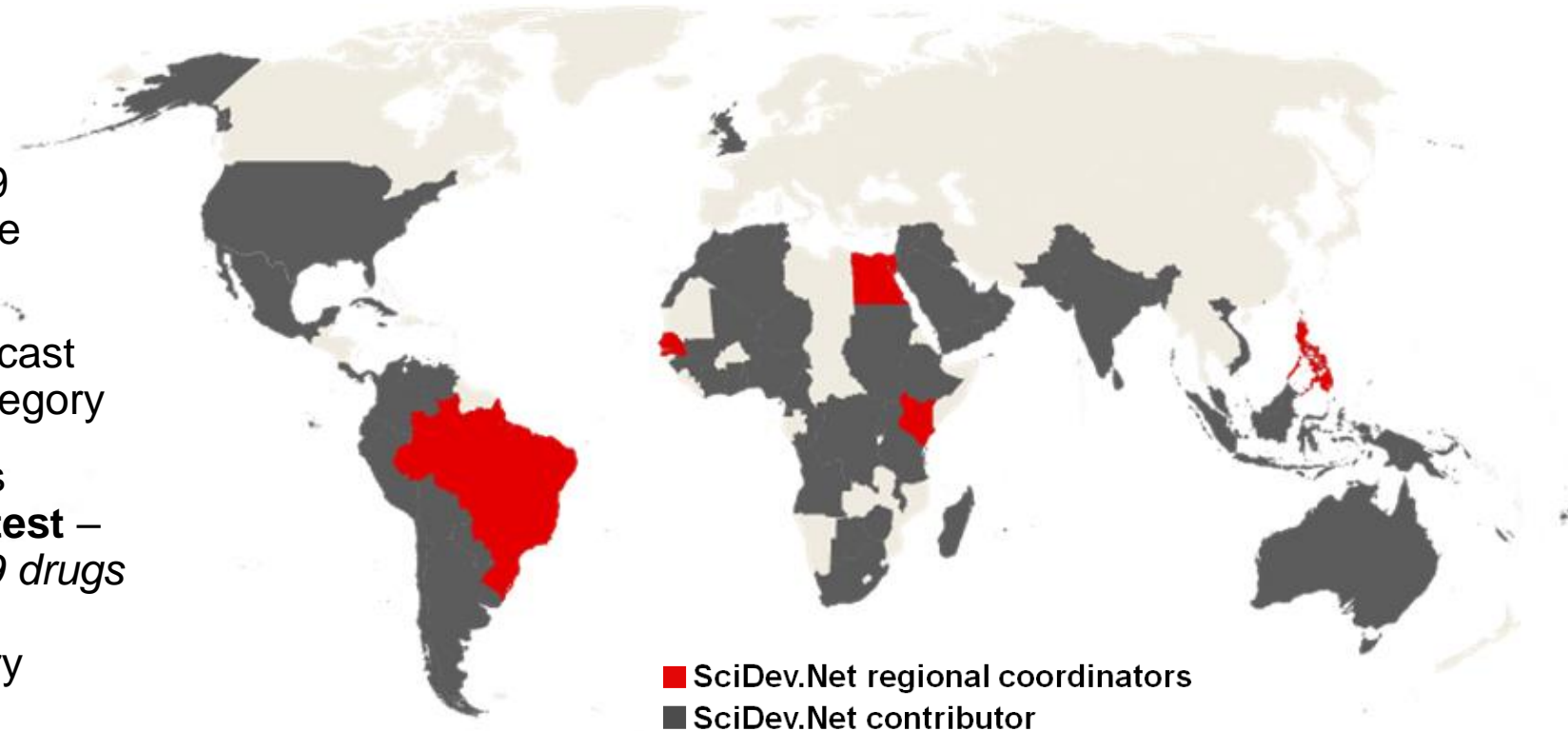
SciDev.Net's content was seen or heard almost **900 million times** in 2021 across five editions in four languages, including a **LAC edition**, based in Sao Paulo, Brazil which publishes in **Spanish**

Awards in 2021:

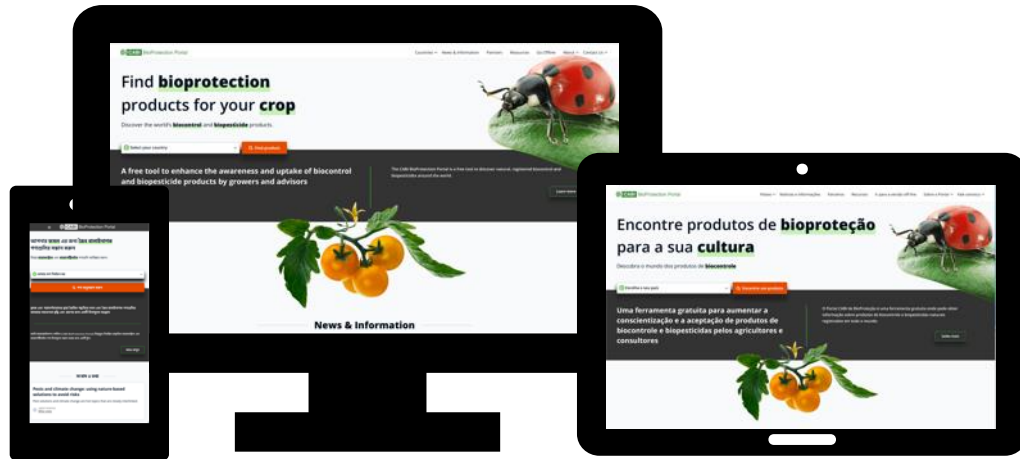
AAAS/Kavli – *SciDev's* COVID-19 podcast won the silver award in the audio category

One World Media – *SciDev's* podcast was the runner up in the audio category

International Center for Journalists (ICFJ) **COVID-19 Reporting Contest** – the article *Unsupported COVID-19 drugs go deep in Latin America* won the Science & Health Spanish category



Enabling Sustainable Production – CABI BioProtection Portal



The **CABI BioProtection Portal** (www.bioprotectionportal.com) is an open access tool that provides information about registered biocontrol and biopesticide products around the world in the local language

Public-Private partnership initiative



Partnership Perspectives for Going Forward

Opportunities to **build partnerships** on sustainable agriculture. Programmes like Plantwise and PlantwisePlus are basic building blocks for sustainable phytosanitary, safer food and smallholder benefits in the region, providing opportunities for additional spin-off projects.

Raise awareness of the **Bioscience specialist offering** to Member Countries and partners. We can identify microbial problems that most others can't.

Further investigate opportunities to **promote linkages on new and emerging initiatives** in line with Member Countries' National priorities

Agree mechanisms to **promote advance versions of CABI Academy, PRA & Horizon scanning tools**, to enhance member country capacity on building resilient plant health, SPS and knowledge-based systems.

Partnership Perspectives for Going Forward

Our Americas and European experiences are in harmony with the recommendations from the Member Country Survey.

This helps our teams to go ahead with more confidence.



CABI is an international intergovernmental organisation, and we gratefully acknowledge the core financial support from our member countries (and lead agencies) including:



Ministry of Agriculture and
Rural Affairs,
People's Republic of China



Agriculture and
Agri-Food Canada



Ministry of Foreign Affairs of the
Netherlands



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Agency for Development
and Cooperation SDC