

Anniversary of China-CABI Strategic Cooperation



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China - CABI Strategic Partnership

Qiaoqiao Zhang, Director, Memberships

CABI has collaborated fruitfully with China for over 40 years

1980s

Collaboration began with Agriculture Information Institute of Chinese Academy of Agricultural Sciences (CAAS)

1995

China joined CABI as a Member Country

2002

CAAS-CABI Project Office opened under CAAS-CABI MoU

2008

China MARA – CABI Joint Laboratory for Bio-safety, established and hosted at IPPCAAS, under MARA-CABI MoU

2012

CABI Scientist and the Joint Lab Co-Director Dr Ulrich Kuhlmann received **China Government Friendship Award**

2019 –
2026

The 'MARA China-CABI European Laboratory' and 5 Sub-Centres of the Joint-Lab established in China

[30th Anniversary of China becoming a CABI Member Country](#)





中国农业科学院植物保护研究所 – CABI合作突出贡献者
IPPCAAS-CABI Outstanding Contributors for Cooperation



Pioneering MARA-CABI Joint Lab

500 International Exchange Visits

16 International Workshops

>**50** Countries

>**3,400** Participants

>**33** South-South
Technical Trainings

>**4,000** Trainees

419 Young Scientists

Won **17** Awards

2012 Chinese Government "Friendship Award"

2017 "International Friends Award" for the 60th Anniversary of the Founding of the Chinese Academy of Agricultural Sciences

2017 Ho Leung Ho Lee Foundation Prize

2019 Beijing Municipal Agri-Tech Extension 1st Prize

2020 International IPM Excellent Team Award

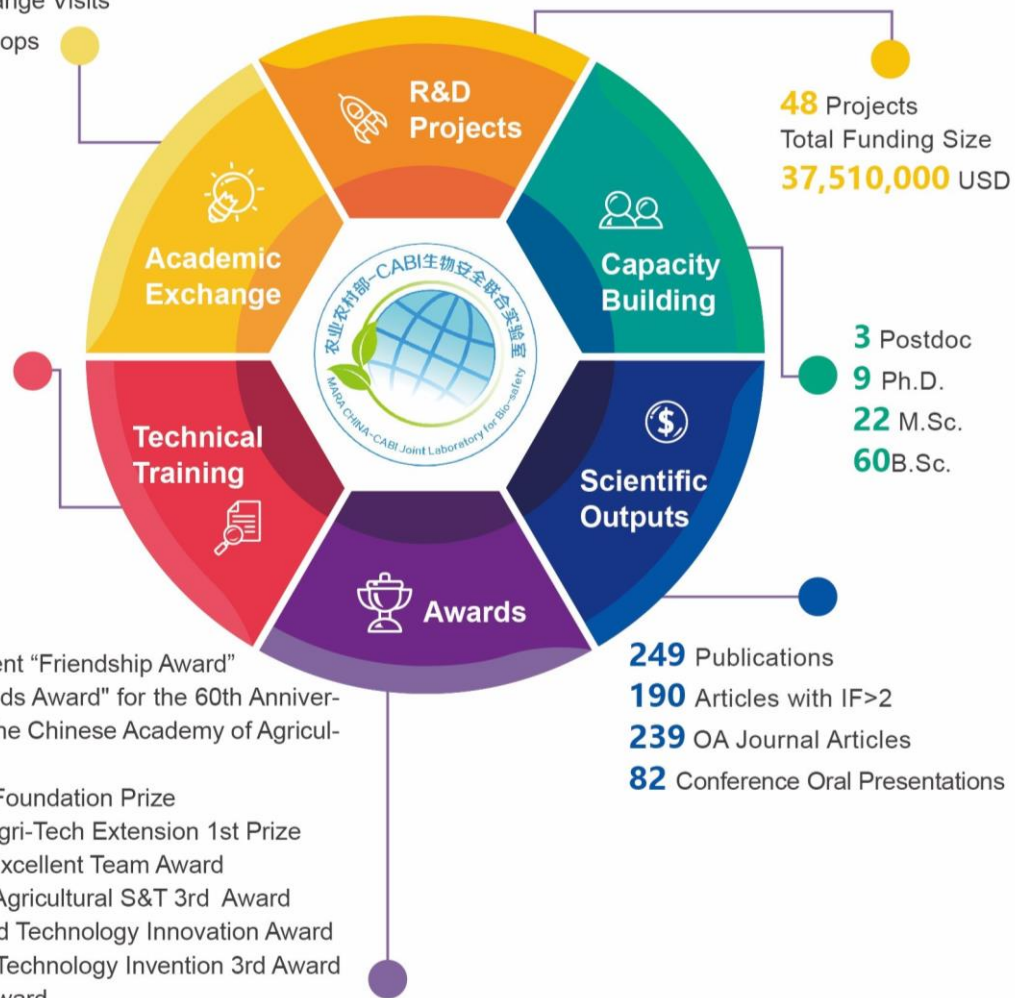
2021 Shen Nong China Agricultural S&T 3rd Award

2021 DBN's Science and Technology Innovation Award

2022 Yunnan Provincial Technology Invention 3rd Award

2024 FAO Partnership Award

2024 FAO Achievement Award



Global network

MARA-CABI Joint Lab has already built a global network of laboratories in the field of plant protection. It will function as an open platform for tripartite or multi-lateral collaboration among China and the Belt and Road countries to promote joint R&D, south-south cooperation, and technology transfer.



CABI UK
Switzerland

MARA-CABI European Lab

China-Pakistan Plant Pests Sustainable Management Centre

China-Africa Plant Pests Sustainable Management Centre

CABI Kenya
Zambia, Ghana

CABI Pakistan

CABI India

CABI Malaysia



IPPCAAS



CABI China



Anhui-CABI Joint Lab for Agricultural Pest Control

Yunnan -CABI Joint Lab for Integrated Trans-boundary Pest Management

MARDI-CABI Joint Lab

Inner Mongolia -CABI Joint Lab for Grassland Pests Monitoring and Management

Shandong -CABI Joint Lab for Biological Control

Hainan -CABI Joint Lab for Tropical Crop Pest Management

China-UK Joint Lab for Crop Pests Monitoring (CAS)

South-South co-operation: A Rwanda and China success story

Problem: **Fall armyworm** attacks >80 plant species but maize – Africa's staple – is its favourite.
Maize annual losses >US\$9.4Billion (FAO & CABI, 2023).



Collaboration from 2014 among CABI, China, Rwanda, Switzerland, UK to build capacity in Rwanda for **mass production of beneficial nematodes**



Transferred technologies from China

Rwandan government support enabled continuing production



Facility produces over 100 billion insect-killing nematodes per batch, positioning Rwanda as a leader in biological pest control in Africa

Nematodes impactfully deployed to counter soil insect pests initially, with later expansion to control fall armyworm and tomato leafminer

The CAASTIA CETS concept

CETS = Centre of Excellence for Technology Sharing



Foster joint Africa–
China innovation for
some key
agricultural
challenges

Address barriers
to localisation,
dissemination and
uptake of this
innovation

Support broad
downstream uptake
& capacity
development
involving many
partners

Work with national
systems –
complement not
compete

Develop equitable
partnerships
and win-win
opportunities

What would a CAASTIA CETS do?

Work on challenges set by CAASTIA based on demand & opportunities for China-Africa synergy

Focus on challenges with barriers in both technology availability AND technology uptake

CETS would convene 'upstream' research collaborations building on existing networks

CETS would support 'downstream' implementation and capacity enhancement

research and implementation partnerships, e.g. with NARS

training and sustainability initiatives, wider outreach and sharing

Maximising the value of the CAASTIA ideal from idea to impact

Sincere thanks to:

Chinese Ministry of Agriculture and Rural Affairs, Chinese Ministry of Science and Technology
Chinese Academy of Agricultural Sciences, IPPCAAS, other Chinese partners and international partners

Donors: such as EU, DAFF, GEF, Zespri, etc

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