

Bangladesh Seed Congress 2023



Public Private Partnership for Seed Trade : Initiative for Strengthening Phytosanitary Compliances in the Asia Pacific Region

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In partnership with

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APAARI

Strengthening Agri-food research and innovations
for sustainable agricultural development in Asia and the Pacific



Established in 1990
FAO initiative

**Legal Status being
Revisited**

Thematic areas

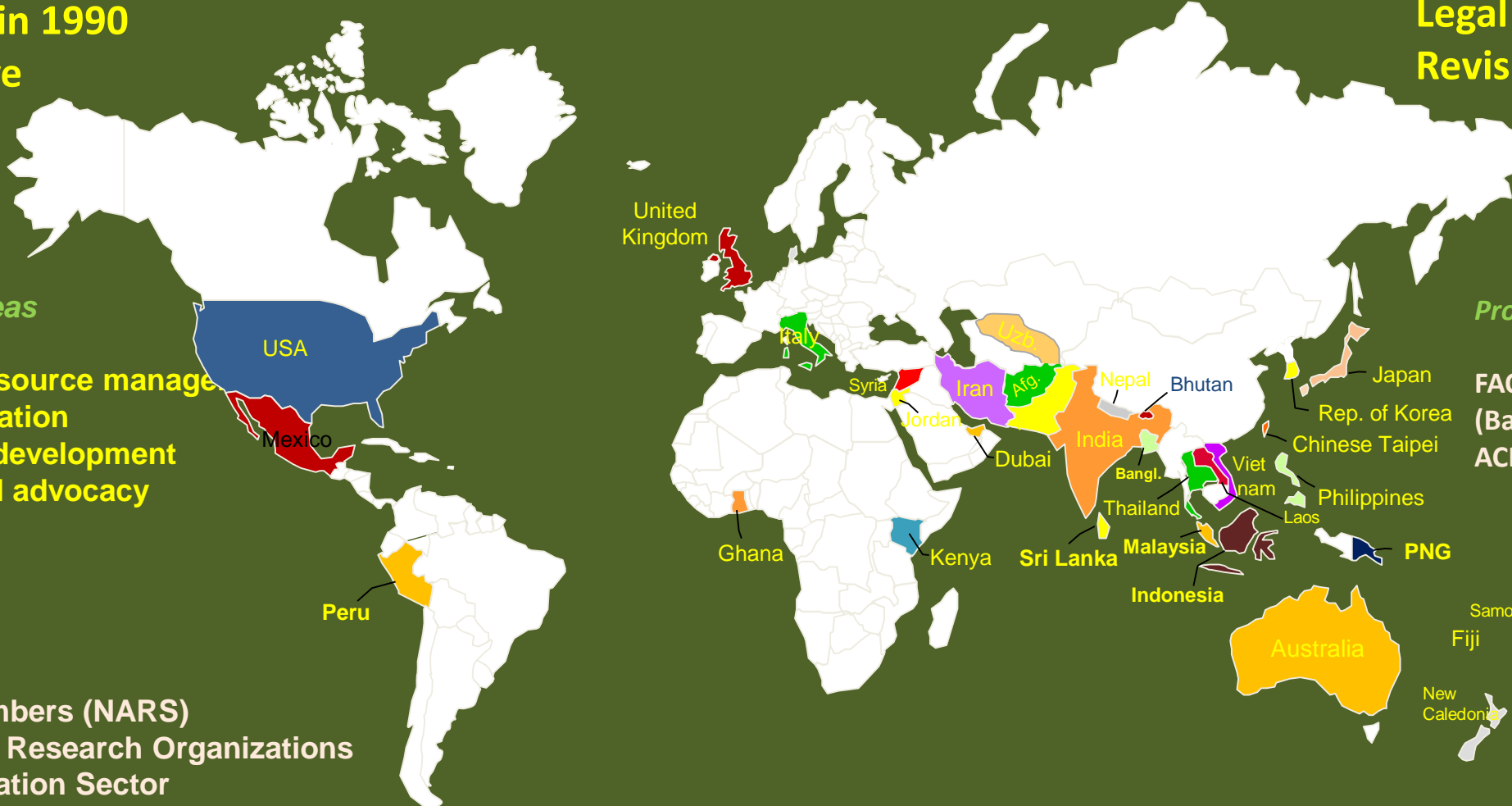
- **Natural resource management**
- **Risk mitigation**
- **Inclusive development**
- **Policy and advocacy**

Projects sponsors

FAO (Rome), FAO (RAP
(Bangkok), WTO,
ACIAR/IFPRI, USDA, COA

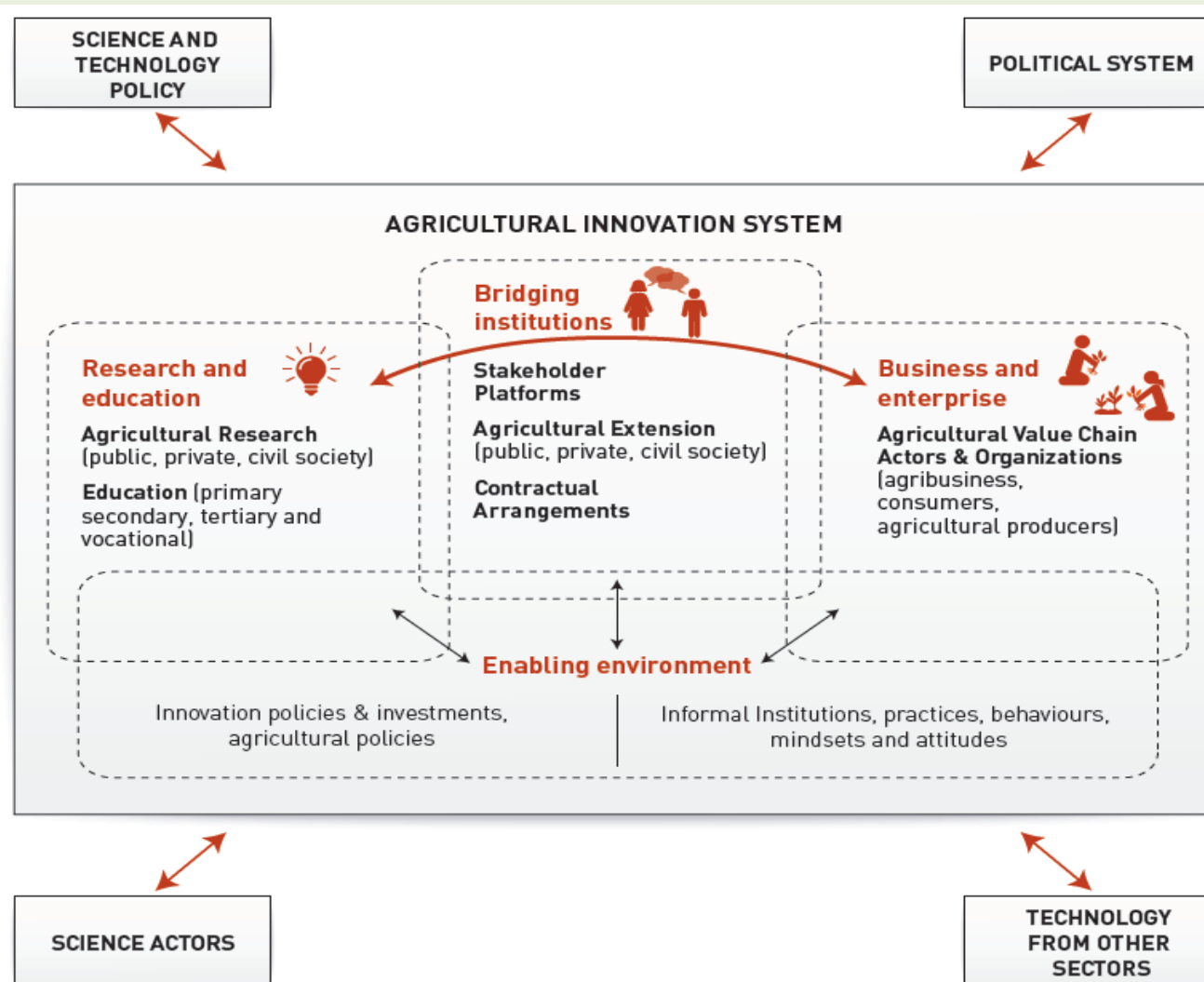
Members are

- **Country Members (NARS)**
- **International Research Organizations**
- **Higher Education Sector**
- **Sub Regional Bodies**
- **Associations, Foundations, Trusts**



83 members from 35 countries

Agricultural Innovation System (AIS)



Agriculture increasingly involves complex interactions among stakeholders at multiple levels.

Agricultural innovation thus needs a system perspective.

Forecasted Value of Global Seed Market (By Statista)

Fifth Phyto Expert Consultation Meeting



<https://www.statista.com/statistics/262286/global-seeds-market-value/>

Year	Value (In Billions US\$)
2017	62.1
2018	65.8
2019	69.8
2020	74.0
2021	78.4
2022	83.1
2023	86.0

.....Increasing importance of non tariff measures such as phytosanitary measures

Pillars of Environmental, Plant Health and Food Safety Requirements

Food Safety

MRLs
Heavy metal limits
Food additives
Hygiene requirements
Traceability
HACCP etc

**Plant/Animal
Health**

Surveillance
Quarantine
Pest risk analysis
Export/Import
certification
Sanitation
Int.seed movement
etc.

**Product
Quality**

Product
composition
Product
cleanliness
Grading
Labeling
requirements
Control of
nutritional claims
ISO 9002

Environment

Control of water
and env
contamination
Protection of
biodiversity
Protection of
endangered
species
Recycling
Organic prod
requirements

Social

Labour
standards
Fair trade
standards

Sanitary and Phytosanitary Agreement of WTO

Things are not Simple for Seed Movement

AOSCA
IPPC
ISF
ISTA
MLS
SMTA
SPS
TRIPS



GIPB
SADC
UPOV
GPA
PGRFA
WTO
FAO
OECD

Fifth Phyto Expert Consultation Meeting (How the Project was Conceived)

Challenges

- A Robust National / State Policy
- Enhanced SPS engagements and laboratory testing
- Pests and disease surveillance and capacity
- Pest risk analysis

Opportunities

- Knowledge management on SPS
- Agricultural exports—high in agenda
- International Agencies interested
- SPS Diplomacy for Market access

Need for

- Enhanced Regional Cooperation and Coordination
- Effective Public Private Sector Partnership

Prioritizing the doables

Complimentarities



To build upon the successes/outputs of the ...

- Phytosanitary Capacity Evaluation in countries of Asia
- APPPC (FAO-RAP) activities with NPPOs
- Lower Mekong Initiative Project (USDA-FAS, ASTA, APSA)
- FAO-RAP – Japan Project - (GCP/RAS/297/JPN)
- STDF project (<https://www.standardsfacility.org/PG-432>)
- Various TCP Projects of FAO-RAP in Asia
- STDF project (STDF/PPG/634) project (APAARI and Rutgers University, New Jersey)

Project Partners



Asia Pacific Association of Agricultural Research Institutions (APAARI - Lead)

Asia Pacific Seed Association (APSA)

CropLife Asia (CLA)

International Seed Federation (ISF)

American Seed Trade Association (ASTA)

Pilot countries : Bangladesh, Cambodia, Laos, Nepal, Philippines, Thailand, Vietnam

Technical Advise/Support: APPPC, Australia, New Zealand



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Role of Partners



APAARI :

Project management, Knowledge management, Finance management, Steering Committee meetings, Organizing Technical trainings/ Workshops, Blending Functional capacity with Technical capacity, MERL, Reporting, Logistics, MoUs.....

APAARI / APSA / CLA / ISF / ASTA:

Organising technical trainings/workshops, Aligning best practices as per country's requirement, Linking with other regional organizations, Bringing global expertise and Best Practices, Public Private Partnership, Lab Accreditation



Objectives



To ensure that

- phytosanitary issues do not impede the trade of seed between these countries
- phytosanitary capabilities match with global standards
- public-private trust and partnership is boosted to ensure food security through availability of high-quality seeds

The goal of the project is

“Increased seed trade and market access for the Asia Pacific region

Key Areas for Engagement

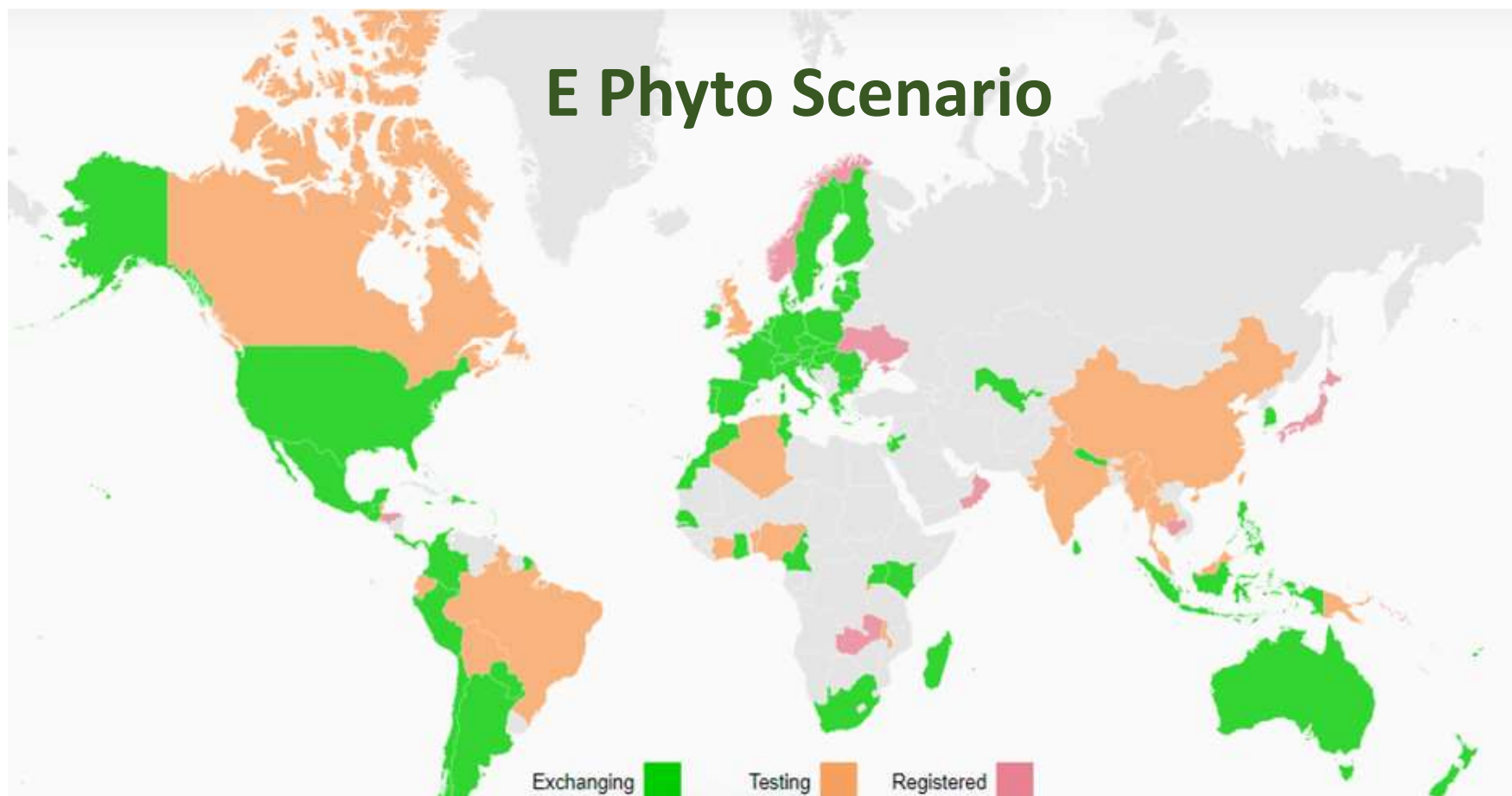


- Identifying gaps between the infrastructure and capabilities of NPPOs
- Creation of a database where all information related to importing phytosanitary requirements for the countries in the region are recorded
- Consolidation of the portal of regulated pests and import condition for the region

Key Areas for Engagement

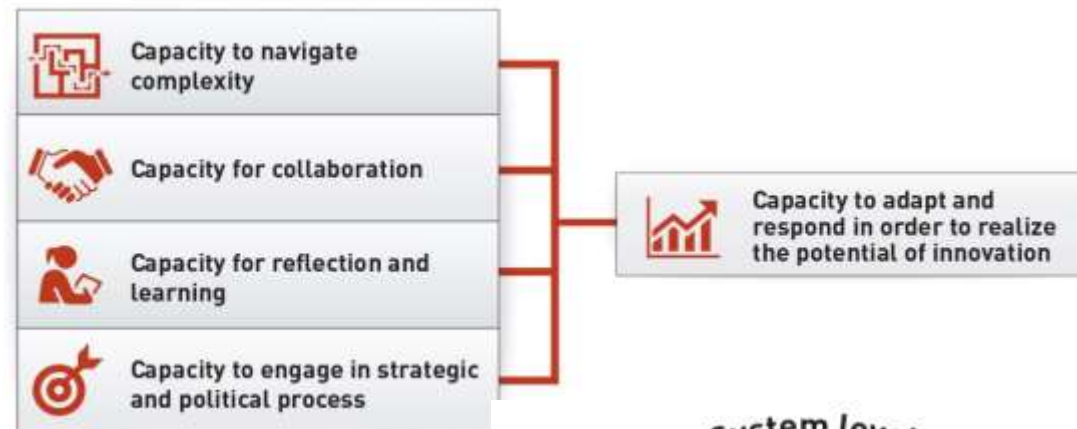


- Capacity building for PRA and other related ISPMS
- Advocate the adoption of initiatives such as ePhyto
- Promoting the involvement and investment of the private seed sector.
- Facilitate the lab accreditation program for the independent private laboratories by NPPOs.

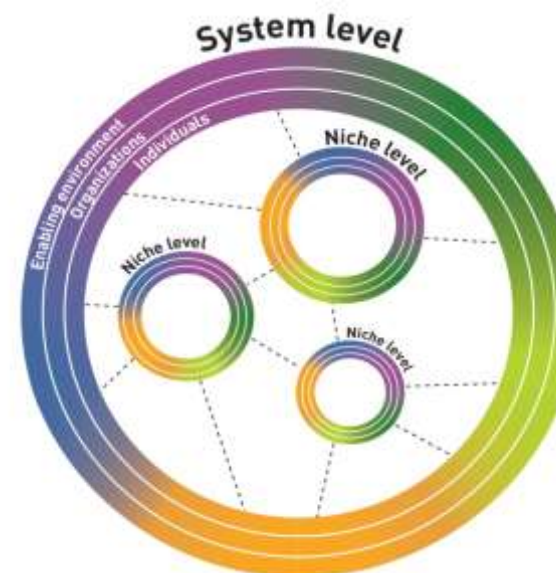


- Out of 112 countries participating across the globe on the ePhyto Hub, 45 countries are participating through GeNS.
- 70 countries are exchanging ePhyto across the globe, out of which only 15 are from Asia-Pacific region. While, out of 30 countries under testing, only 10 are from the region.
- **More than 30 countries from the region are yet to be registered either on the central Hub or on GeNS.**

Focusing on Functional Capacities



Capacity development :
individual,
organization, policy



STDF Project outputs and its activity



Activities

Output 1.
Country assessment
of existing
infrastructure and
capabilities of the
NPPOs of the
participating countries
based on the initial
information received
during the PPG
related to the project
objectives.

- Desk Review and Phytosanitary Capacity Evaluation (PCE)
- Analysis of the Validation Workshop for highlighting the action points
- Meeting with the individual NPPOs of each country and in country assessment
- Consultation Meeting

Workplan



Q1 - Q2



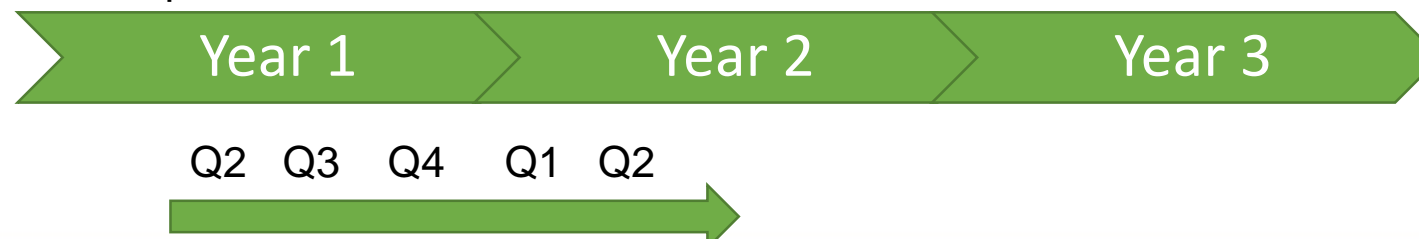
STDF Project outputs and its activity

Output 2.
Create database
(portal) updated by
NPPOs for
phytosanitary
requirements in
English

Activities

- Existing pest list for seeds reviewed for each participating country
- Phytosanitary requirements reviewed and confirmed with the NPPOs
- Import and export phytosanitary certification requirements compiled
- Prototype and finally fully functional database of phytosanitary requirements

Workplan



STDF Project outputs and its activity



Output 3. Strengthening NPPO's capacity on international standards for phytosanitary measures (ISPMs) and initiatives

Activities

- Capacity building of the NPPOs on the relevant ISPMs such as ISPM 2,6, 11,12,29,38 and 45)
- Workshops on export certification and import verification
- Assistance to implementation of ePhyto for countries that use ASEAN New Single Window (NSW)

Workplan



STDF Project outputs and its activity

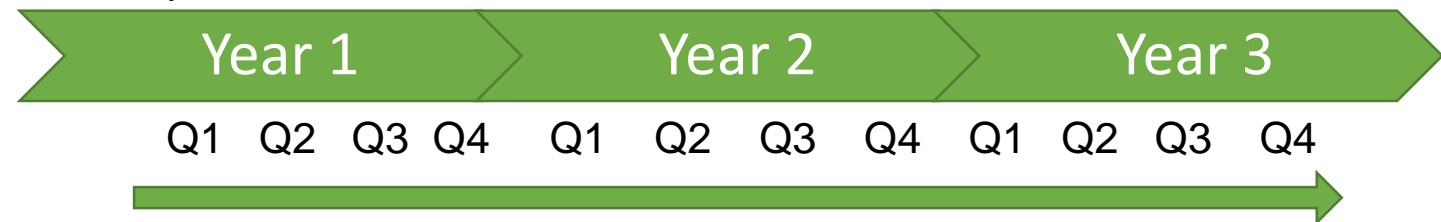


Output 4. Strengthening Public-Public and Public-Private Partnership

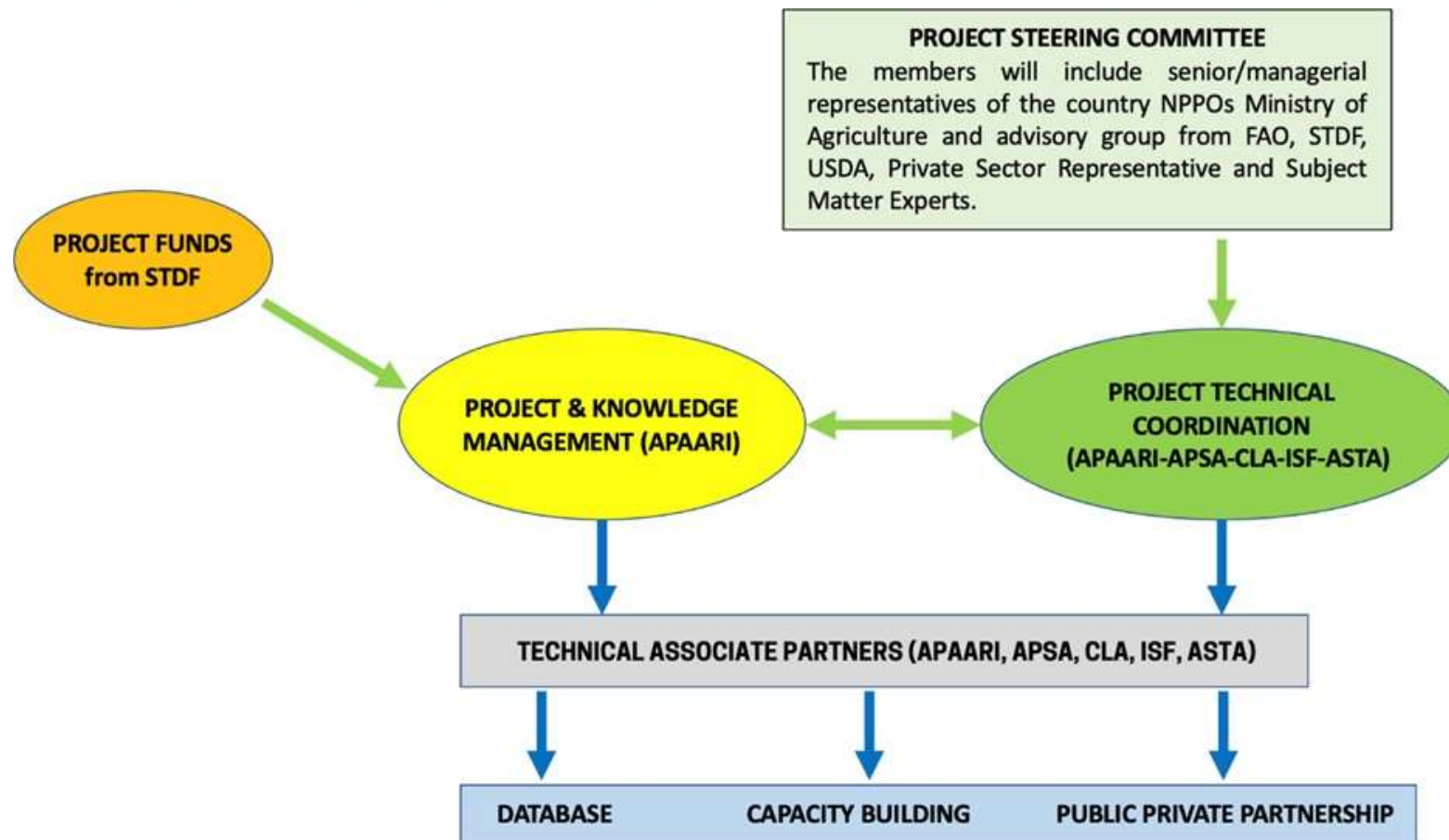
Activities

- Creating a public-public and public-private coordination platform (extension of the APSA phytosanitary expert consultation)
- Joint workshops conducted on awareness of investments made by private sector in seed health testing to support the implementation of ISPM 45
- Policy dialogue for developing a laboratory accreditation program of independent private laboratories by the NPPOs

Workplan



STDF Project Implementation and Management



Knowledge Management and Impact Pathway



- The project will develop a KM Strategy
 - Information management, facilitation of stakeholder engagement, functional capacity development, communication and outreach, and dissemination of project results.
- A defined Impact Pathway Assessment
 - More defined activities, indicators and expected outputs will developed

Project Progress



Start Date : November 2022

- Inception Workshop
- Constitution of national team
- Gap Analysis done
- Capacity building activities planned

GAP Analysis - Results

Actions	B'desh	Camb.	Laos	Nepal	Philip.	Thailand	Vietnam
Database of seed pest list	-	-	-	-	-	+ (4 crops)	-
Cap. building need for e-Phyto (ISPM 12)	+	+	+	Yes but +	Yes but +	-	+
Need for Pest Risk Analysis training	+	+	+	+	- +	- +	- +
International Standards (ISPM 38) training	+	+	+	+	+	Yes but +	Yes but +
Seed Health Testing Capacity/ 3 rd party lab accreditation	Low/+	Low/+	Low/+	Low/+	Med/+	All Good	Low/+
PCE/Application	Done/??	Being done	Done/??	Done/ ??	Need PCE	No urgency	Done /???

Project workplan



Activity	Responsibility	Year 1				Year 2				Year 3			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
OUTPUT 1 Specific needs regarding existing infrastructure and capabilities of the NPPOs of the participating countries are identified													
1.1 Analysis of the Validation Workshop for highlighting the action points (Detailed analysis of the capacity of NPPOs based on the response received on the questionnaires during the PPG)	Project Manager, Project Working group, Subject Matter Expert(s)	X											
1.2 Follow up meeting with the individual NPPOs (Meeting with the individual NPPOs of each country and in country assessment)	Project Manager, Subject Matter Expert(s), NPPOs	X	X										
1.3 Group Meeting involving all NPPOs and other stakeholders for final assessment of gaps	Project Manager, Working Group, NPPOs, Private Sector, FAO, IPPC and other invited stakeholders and experts		X										



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Project workplan



OUTPUT 2: Portal of phytosanitary requirements created in English and reviewed as necessary		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
2.1 Existing pest list for seeds reviewed for each participating country. (It involves meeting with the NPPO, obtaining the pest lists and detailed review by a Subject Matter Expert)	Subject Matter Expert, NPPOs, Project Manager		x	x	x	x							
2.2 Phytosanitary requirements reviewed and confirmed with the NPPOs (it will be completed along with the activity 2.1)	Working group and NPPOs		x	x									
2.3 Import and export phytosanitary certification requirements compiled (It involves desk work, final confirmation with the NPPOs)	Working group and NPPOs			x	x								
2.4 Prototype and finally fully functional portal of phytosanitary requirements (Including building the IT platform, data application, entering information, testing and finally going live with the portal)	IT consultant, Project Manager, all stakeholders			x	x	x	x						

Project workplan

OUTPUT 3: NPPO's knowledge built on international standards for Phytosanitary Measures (ISPMs)		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
3.1 Capacity building on relevant ISPMs (Workshops online and face to face)	Subject Matter Expert and all project partners				x	x	x	x	x	x			
3.2 Workshops on export certification and import verification								x	x				

Project workplan



Output 4. ePhyto implemented in one country		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
4.1. Facilitation of self-Assessment of the current phytosanitary certification process disaggregated by participant country		x	x										
4.2 Training on the relevant ISPM 12 (Phytosanitary Certificates) (Workshops online and face to face)						x	x	x	x	x	x	x	x
4.3 Assistance on the "last-mile" implementation of ePhyto for countries that use ASEAN New Single Window (NSW)								x	x	x	x	x	x

Project workplan



OUTPUT 5: Public-Public and Public-Private Partnership platform strengthened and recognised		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
5.1 Public-public and public-private coordination platform strengthened and recognized		x	x	x	x								
5.2 PPP joint workshop held in one country													x
5.3 Policy dialogue initiated for developing a 3rd party laboratory accreditation program (as per ISPM 45)								x	x				
5.4 Joint workshops between public and private sector conducted on awareness of investments made by private sector in seed health testing to support the implementation of ISPM 45						x	x	x	x	x			

THANKS

