

Food Safety - A Global Public Good



Global Food Safety Capacity Building Partnership

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World Bank

Why a Global Food Safety Partnership ?

Food safety is a global issue

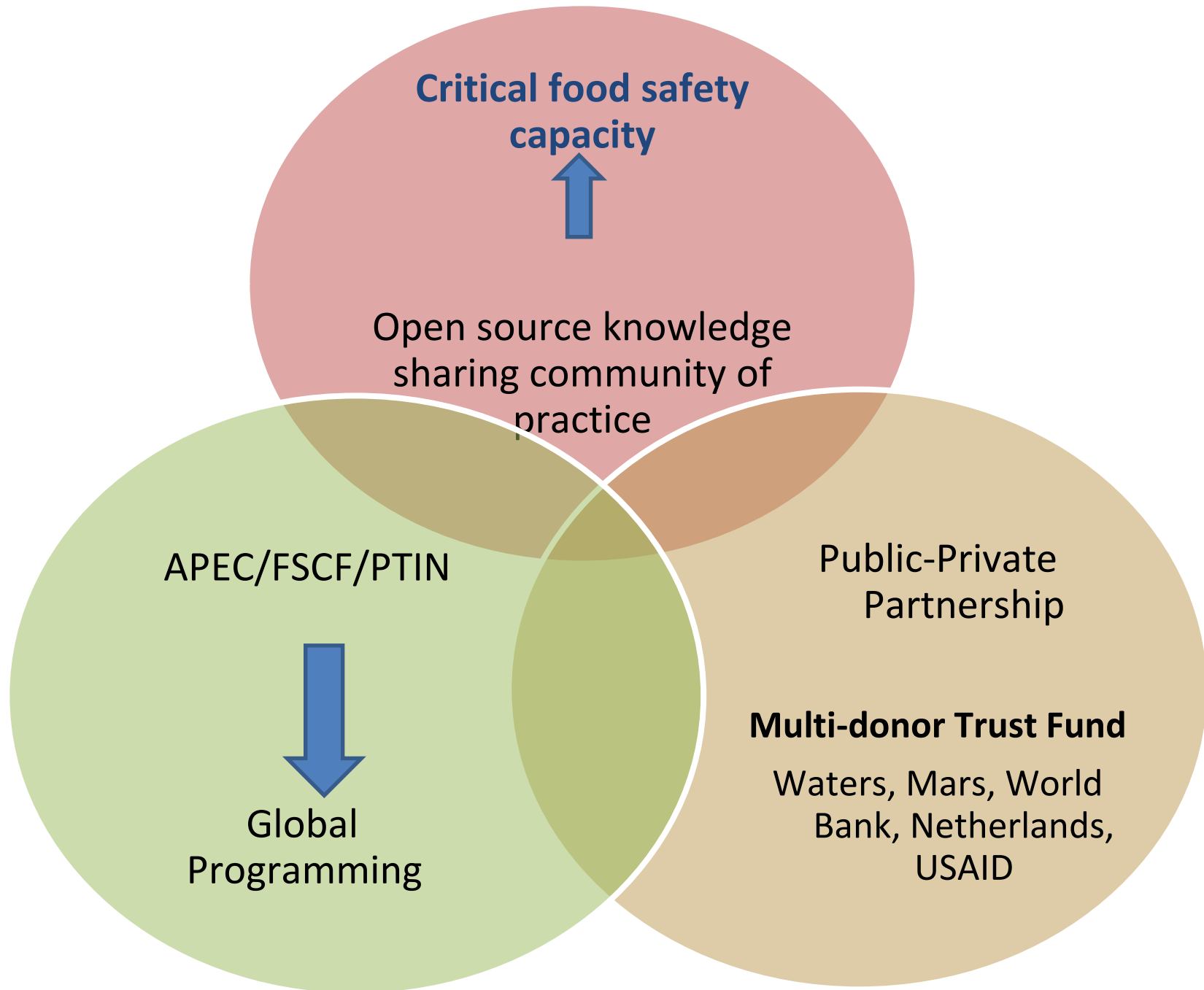
- With more demand, food comes from many new places
- New pathogens and new food related disease outbreaks

Food production shifts from developed countries to emerging markets and to developing countries

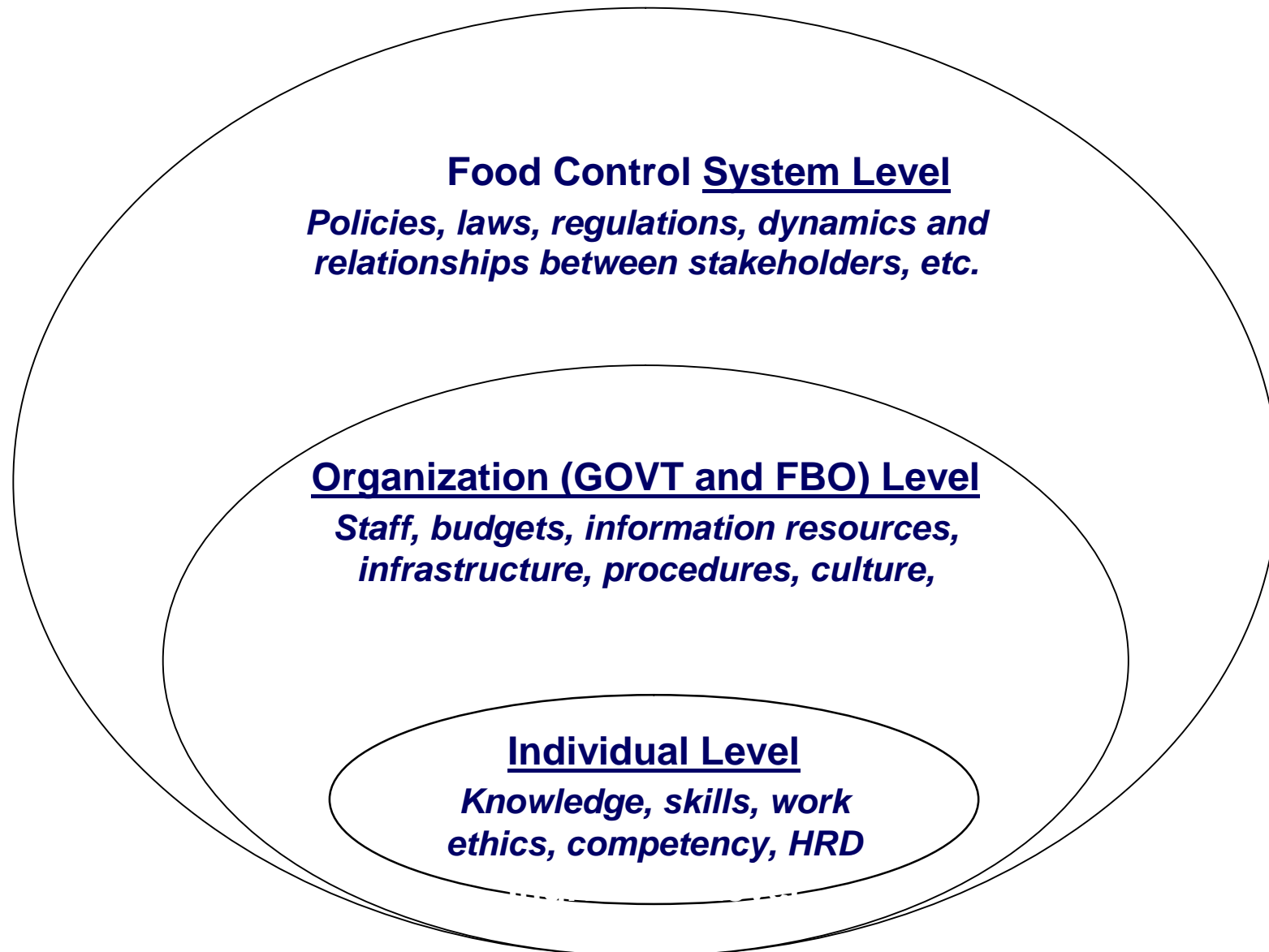
- Consumers everywhere demand safer food
- Producers in the developing world demand access to markets

Regulatory environments in major markets change

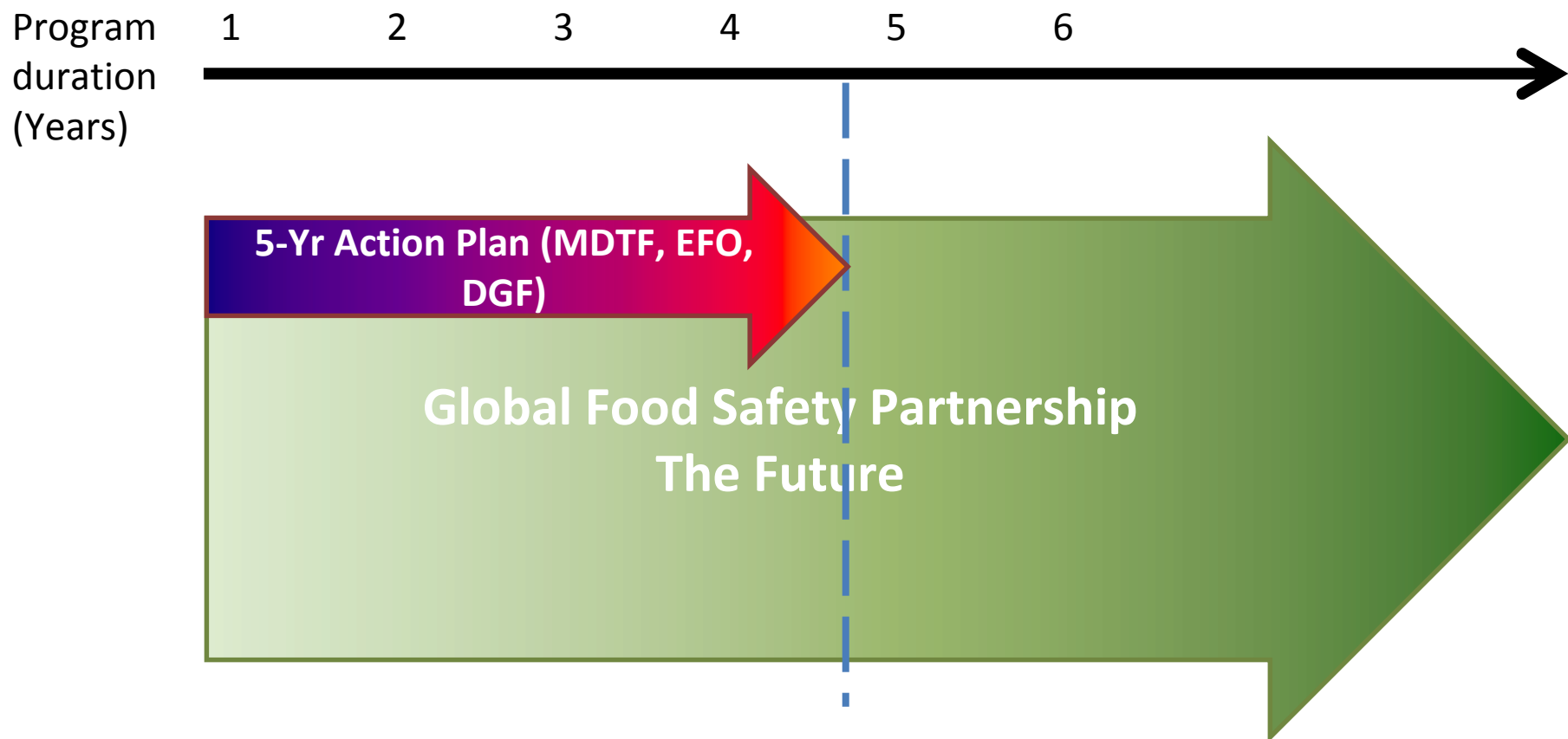
- Governments change the way they deal with food safety
- US Food Safety Modernization Act
- European Food Safety Agency
- Russia's entry to WTO
- China's increasing food exports, imports and domestic food safety issues



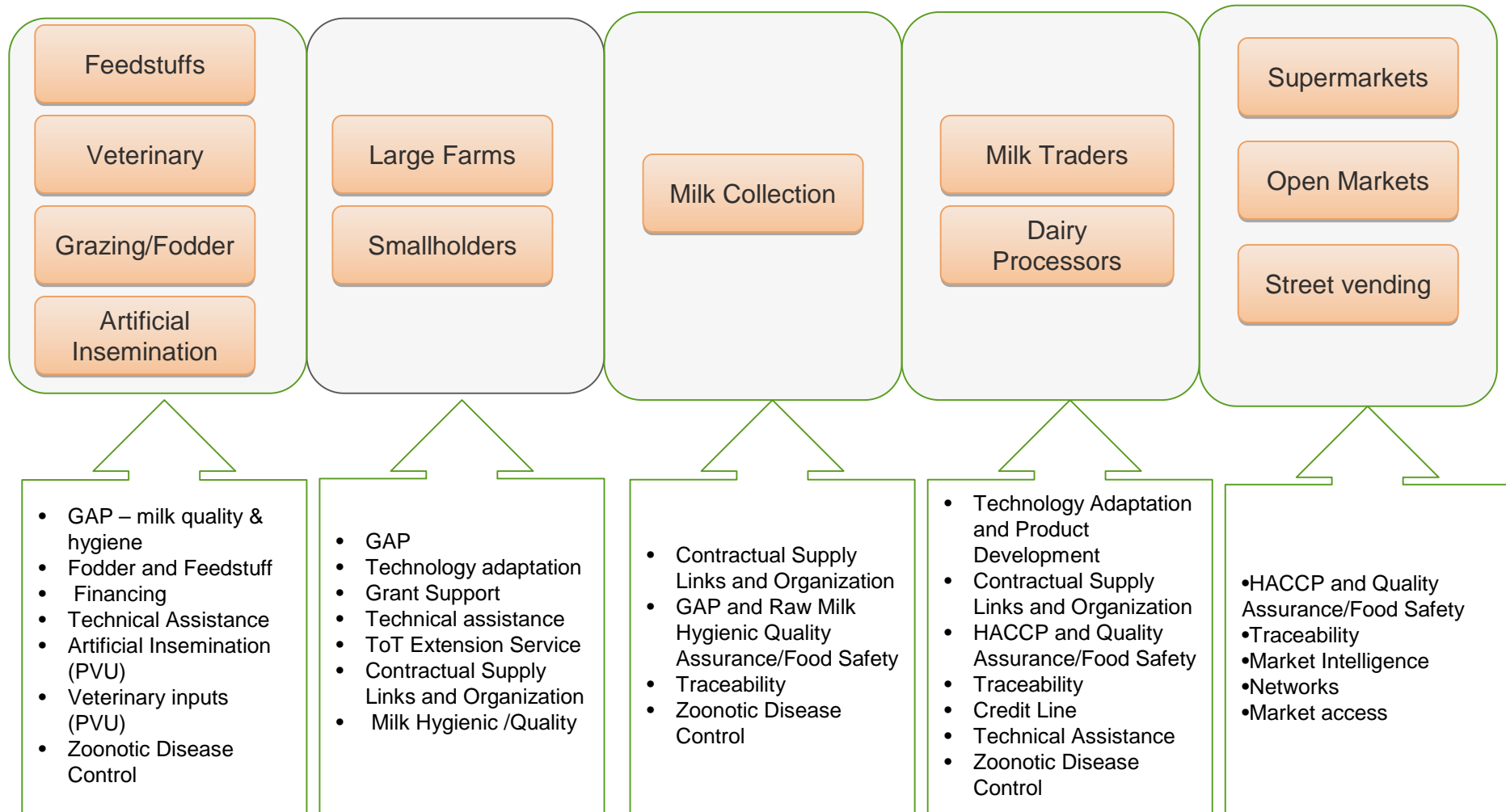
Food Safety Capacity Building



Five-year Indicative Workplan Overview



Dairy Value Chain



Institutional Reforms and Multi-Sectoral Support

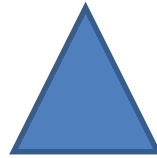
Food Law Reform
New Food Safety Strategy

SPS measures
Private Sector Schemes

Farmer support GAPs
SME support

Understanding, Knowledge and Motivation

Capacity Building



Training - Technical Assistance - Education

- *Public sector – inspectors, regulators, managers*
- *Private sector – enterprises, food business operators*
- *On-farm quality assurance: raw material supply*
- *Experts – consultants, auditors, trainers*
- *Consumers*

Stakeholders

- **Partner Organizations**

- *Donor partners*

- Administration Agreement
 - Government agencies, trade associations, foundations, private sector companies, etc.

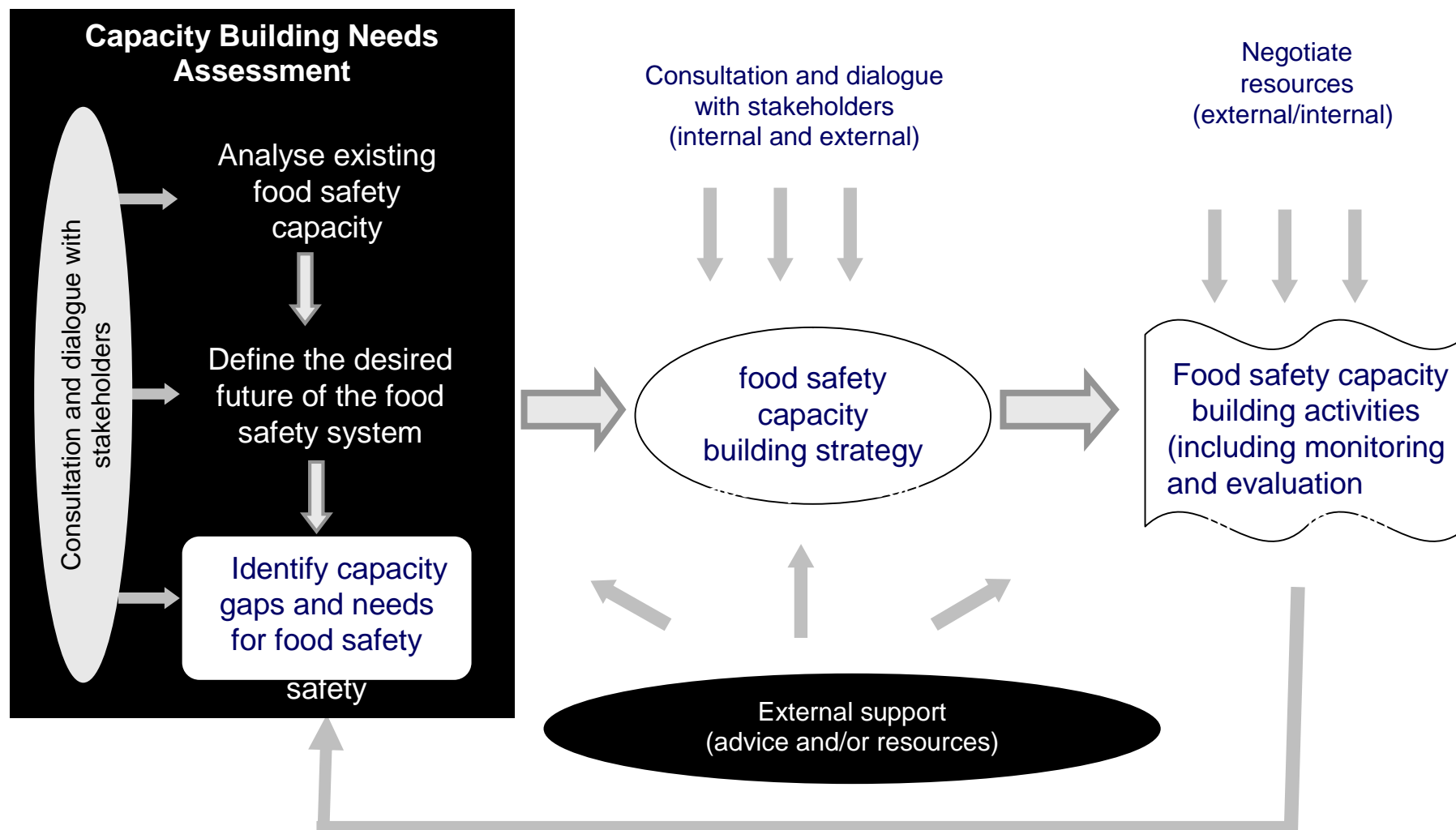
- *Technical partners/organizations*

- Declaration of support
 - Defined in-kind contribution
 - International agencies, government agencies, universities, institutions, etc.

- **Service Providers**

- **Beneficiaries**

The Capacity Building Process



The PLAN

GLOBAL 5-yr PLAN
including
APEC/FSCF/PTIN (3yr)



Regional Roll Out
Needs Assessment
Regional/Country



Funding = \$44.6 mln

#1

Training Program Implementation

Supply chain management

Incident management

Laboratory competency

Risk analysis

Food safety regulatory system

On-farm quality assurance

#2

Global Scaling up

Regional/County Needs Assessments

- EAP
- SAR
- LAC
- ECA
- AFR
- MENA

#3

Program Facilitation

Learning Platform
Open Education Resources
Curriculum Development

Food Safety Incident Network
(INFOSAN/EURASFF/PulseNet)

Communication

Monitoring and Evaluation

Facilitation of GFSP

Knowledge Platform / OER

- **Open source IT knowledge platform**
- **Training → Preferred standards**
- **Linked to existing resources – 70% available**
- **Needs based training and education - assessments**
- **In-service, vocational, continuing education, professional development**
- **International academic curriculum**
- **E-learning, face-to-face, hands-on, etc**
- **Free access, licensing, creative common source, etc**
- **Affordable, accessible, relevant**

APEC Regional Food Safety Capacity Priorities



HACCP



China

E-Learning (1 month) + Residential (10 days) Certificate Program
Government, Companies, Academia



Scale up in China



Replicate in APEC and Global

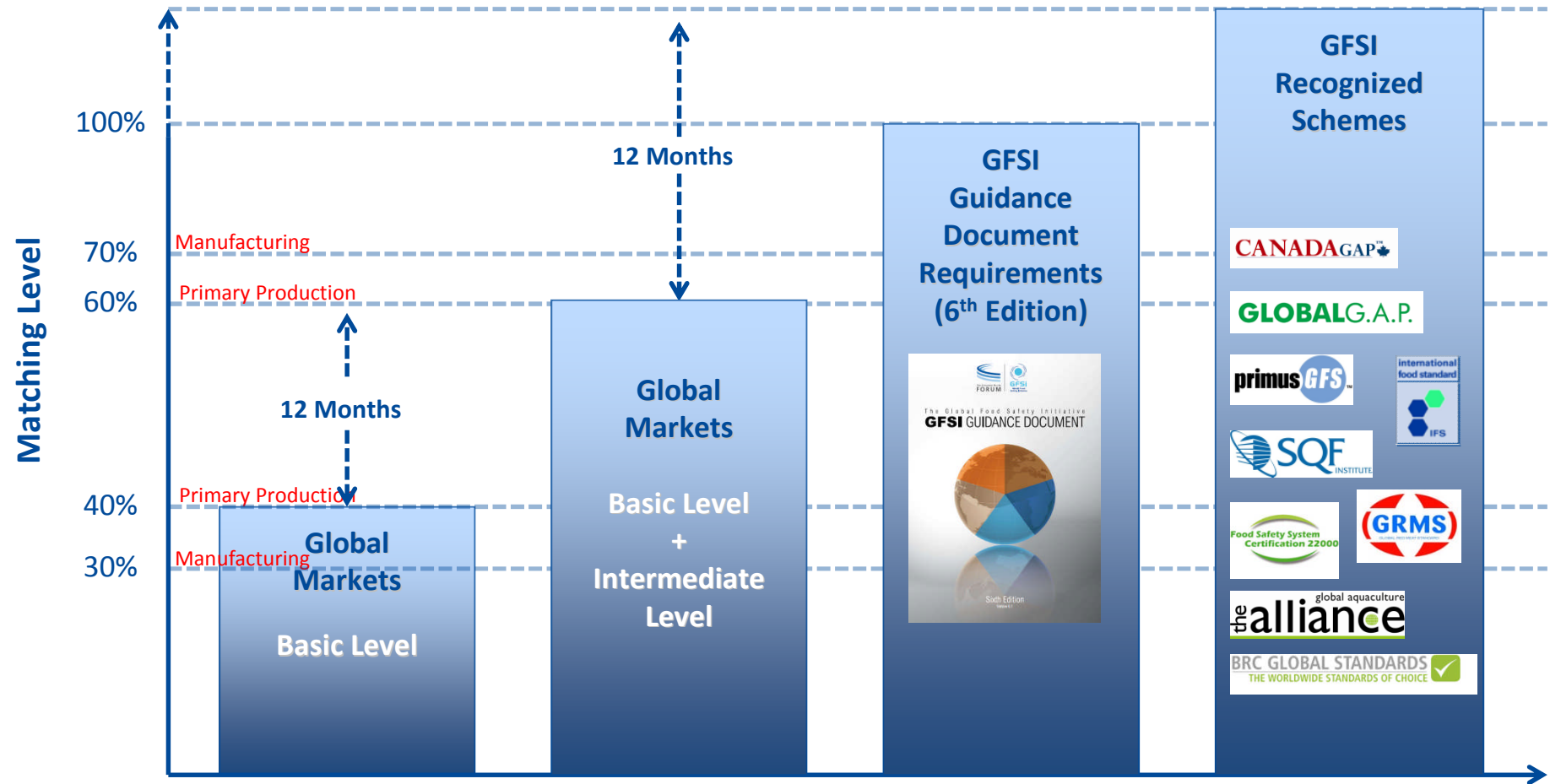
International Food Protection Training Institute
Curriculum Framework
For An
Integrated Food Safety System

Certificate and CEU Issuance (IACET/ANSI)																																															
Leadership (Leadership) L4 - 4000	Professional Level Program Certificates												Instructor Development	Executive Program	Leadership Program																																
	Advocacy	Budget	Change Management	Continuity of Operations	Food Systems and Sustainability	Human Resource Management	Legislative Affairs	Policy Making	Public Relations	Resource Leveraging	Risk Analysis (Management & Communication)	Stakeholder Support																																			
	Professional Level Program Certificates																																														
Technical Specialist (Master) L3 - 3000	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation																												
	Unprocessed Concentration				Electives				Manufactured Concentration				Electives				Retail Concentration				Electives																										
	Audit				Food Defense Vulnerability Assessment (Carver Plus Shock, etc)				Food Emergency Response (ICS)				Risk Analysis				Electives				Electives																										
Journey Level: (Application) L2 - 2000 (Applied Inspection Techniques)	Professional Level Program Certificates												Instructor Development	Executive Program	Fellowship in Food Protection																																
	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation				Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation	Food Safety Investigation																									
	Unprocessed Concentration				Electives				Manufactured Concentration (labeling, etc)							Electives				Retail Concentration (labeling, etc.)				Electives																							
Entry Level: (Knowledge) L1 - 1000	Professional Level Program Certificates												Instructor Development	Executive Program	Fellowship in Food Protection																																
	Good Agricultural Practices (GAPs)				Allergens				Food Processing & Preservation							Food Salvage & Disposal				Formula Review				Imports				Ingredients & Additives				Traceability & Recalls															
	Communication Skills				Epidemiology, Foodborne Illness Investigation & Response				Food Defense							Food Emergencies (ICS)				Food Transportation				Investigation, Sampling Techniques, & Laboratory Methodology				Law				Preventive Controls				Professional (soft) Skills (EG time management, etc)				Risk Analysis (Management Assessment & Communication)				Science & Technology			
Integrated Food Safety System																																															
Professional Level Program Certificates																																															
Unprocessed Foundations				Manufactured Foundations				Feed Only												Retail Foundations																											
Allergens (ORAU)				Labeling (ORAU)				Food Defense Awareness (ORAU)				Environmental Health Safety (ORAU)				Inspections, Compliance & Enforcement (ORAU)				Sampling (ORAU)				Retail Foundations																							
Employee Safety						Integrated Food Safety System Orientation														Jurisdiction																											
Communication Skills				Epidemiology (Not In Feed)				HACCP				Microbiology (not in Feed)				Prevailing Statutes, Regulations & Ordinances				Public Health Principles																											
(ORA-U Level I - Feed, Milk & Local, Shellfish, Standard 2: Manufactured, Retail)																																															
Vertically Integrated National Curriculum (Secondary Education - Higher Education - Career Spanning Professional Development)																																															
Higher Education Food Protection Curriculum																																															

Certificate and CEU Issuance (IACET/ANSI)							
Leadership (Leadership) L4 - 4000	Program Certificates					Leadership (Leadership) L4 - 4000	
Technical Specialist: (Master) L3 - 3000						Technical Specialist: (Master) L3 - 3000	
Journey Level: (Application) L2 - 2000 (Applied Inspection Techniques)	Epidemiology	Environmental Health	Industry	Homeland Security	Laboratory	Veterinary	
Entry Level: (Knowledge) L1 - 1000						Entry Level: (Knowledge) L1 - 1000	
Vertically Integrated National Curriculum (Secondary Education -							
Higher Education Food Protection Curriculum							

Global Markets Program

Meeting industry-developed specifications

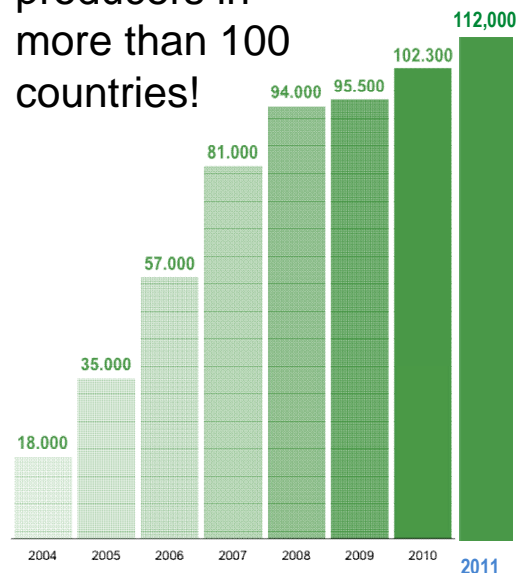


ON-FARM QUALITY ASSURANCE: GLOBALG.A.P.

CONTINUOUS GROWTH WITH EDUCATION AND INTEGRITY

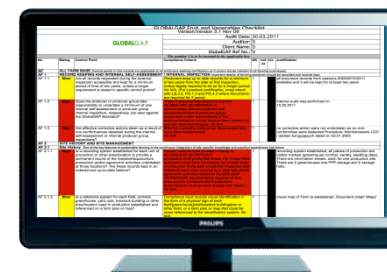
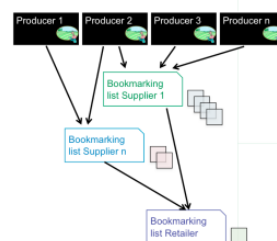


More than
110,000 certified
producers in
more than 100
countries!



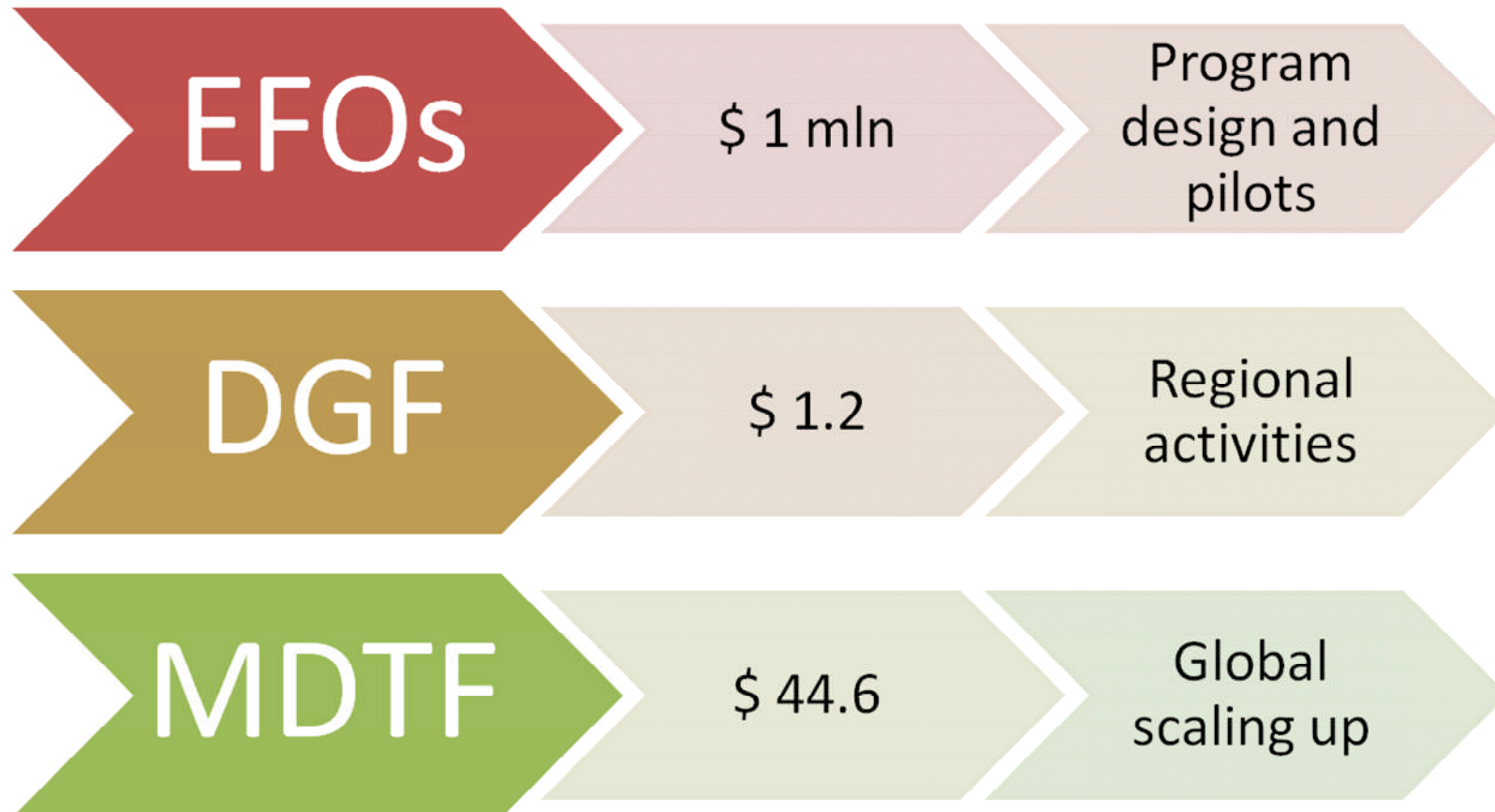
- stepwise
- all sizes
- training

Smallholder Guide for **GLOBALG.A.P.**



Online
monitoring of
producer status

Financing Sources



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