

Coconut G.A.P Certification

Relevance of Quality Certification in GLOBAL Market

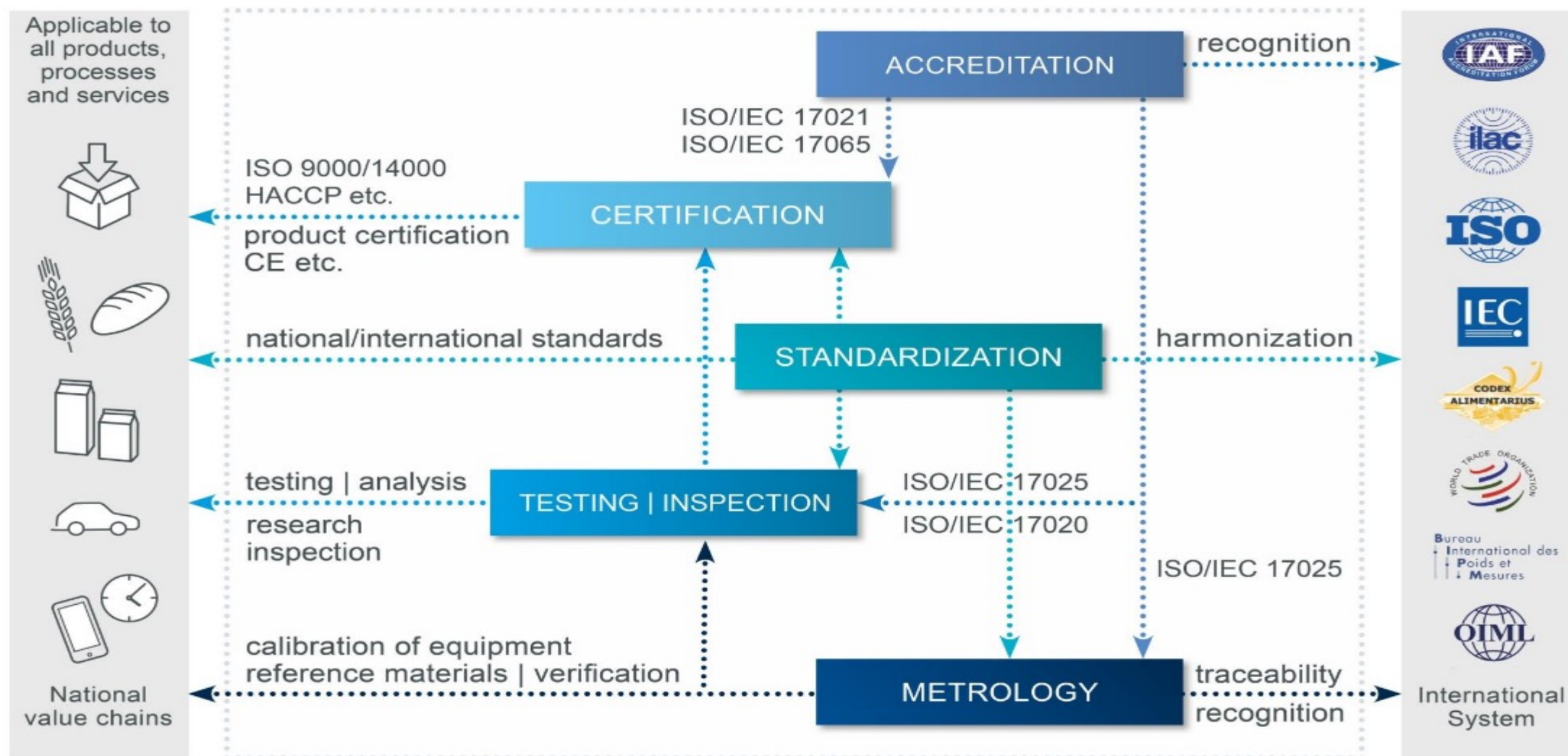
Committed to promote safe and sustainable production of agricultural produce to strengthen good agricultural practices in India

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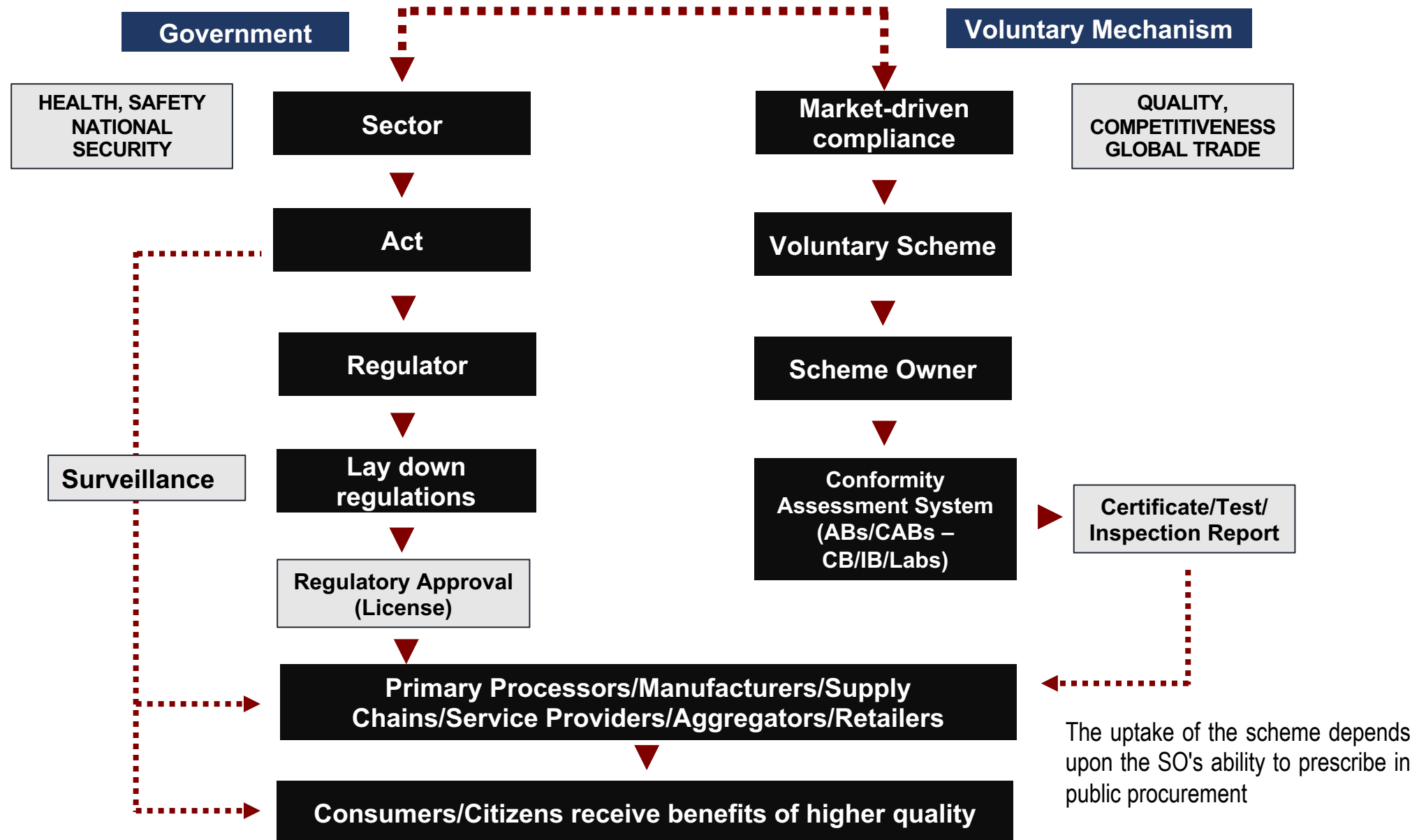


QUALITY COUNCIL[®]
OF INDIA
Creating an Ecosystem for Quality

International Ecosystem for Quality



Compliance Ecosystem in India



Quality Infrastructure is a set of functions ensuring quality in an economy



Bureau of
Indian Standards



National
Physical Laboratory



Quality Council of India



IRCLASS
Indian Register of Shipping



Activity	Standardization	Metrology	Accreditation	Conformity Assessment	Market Surveillance
National Body	National Standards Body	National Metrology Institute	National Accreditation Body	Conformity Assessment Bodies	Market Surveillance Agency
Description	Activity of framing standards to define features, processes, procedure for manufacturing goods or delivery of services	Activity of ensuring accuracy of weights and measures as per international standard measures	Activity of checking competence of bodies engaged in conformity assessment activities	Activities involved in checking conformity with standards (E.g.: Certification, inspection, testing)	Activities involved in checking whether products placed/being placed in the market are complying with TRs

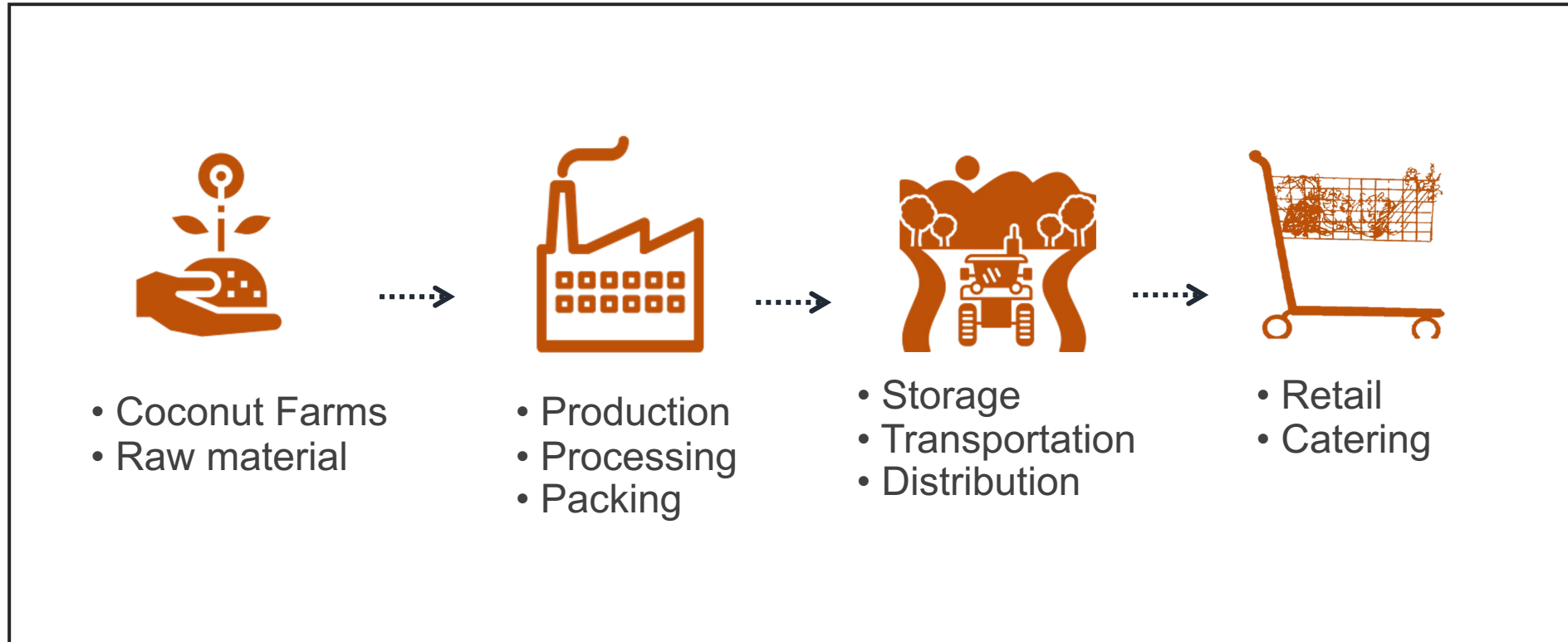
Regulators, through Technical Regulation/ QCOs, make compliance with one or more of these mandatory to any product for it to be placed in the market.

About PADD



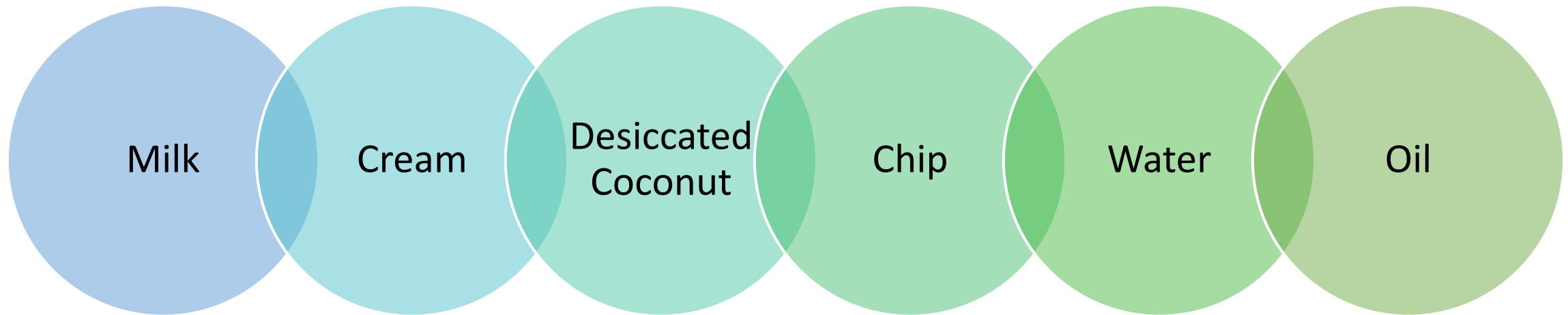
Farm-to-Fork Concept

Food Safety is only ensured when all critical points in all parts of the food chain are controlled, and management system elements are established.



Coconut & its products in market

- Coconut as source of raw material in food products



Quality Issues

Cross –
Contamination

Microbial
Spoilage

Pesticide
Residues

Heavy metals

Who are responsible?

The Farmer

- Implementing GAP
- Maintaining systems/ records
- Implementing group systems in case of producer groups

The Processor

- production of safe food
- proactive dialogue with regulatory bodies
- Up-grade facility, design system, implement it

Handlers (transporters, storage...)

- Maintaining appropriate conditions

The Government

- enabling environment (scientific, technical, financial, infrastructure, regulatory) favorable to compliance by stakeholders

The Consumer

- demanding safe product;
- following directions for storage & use



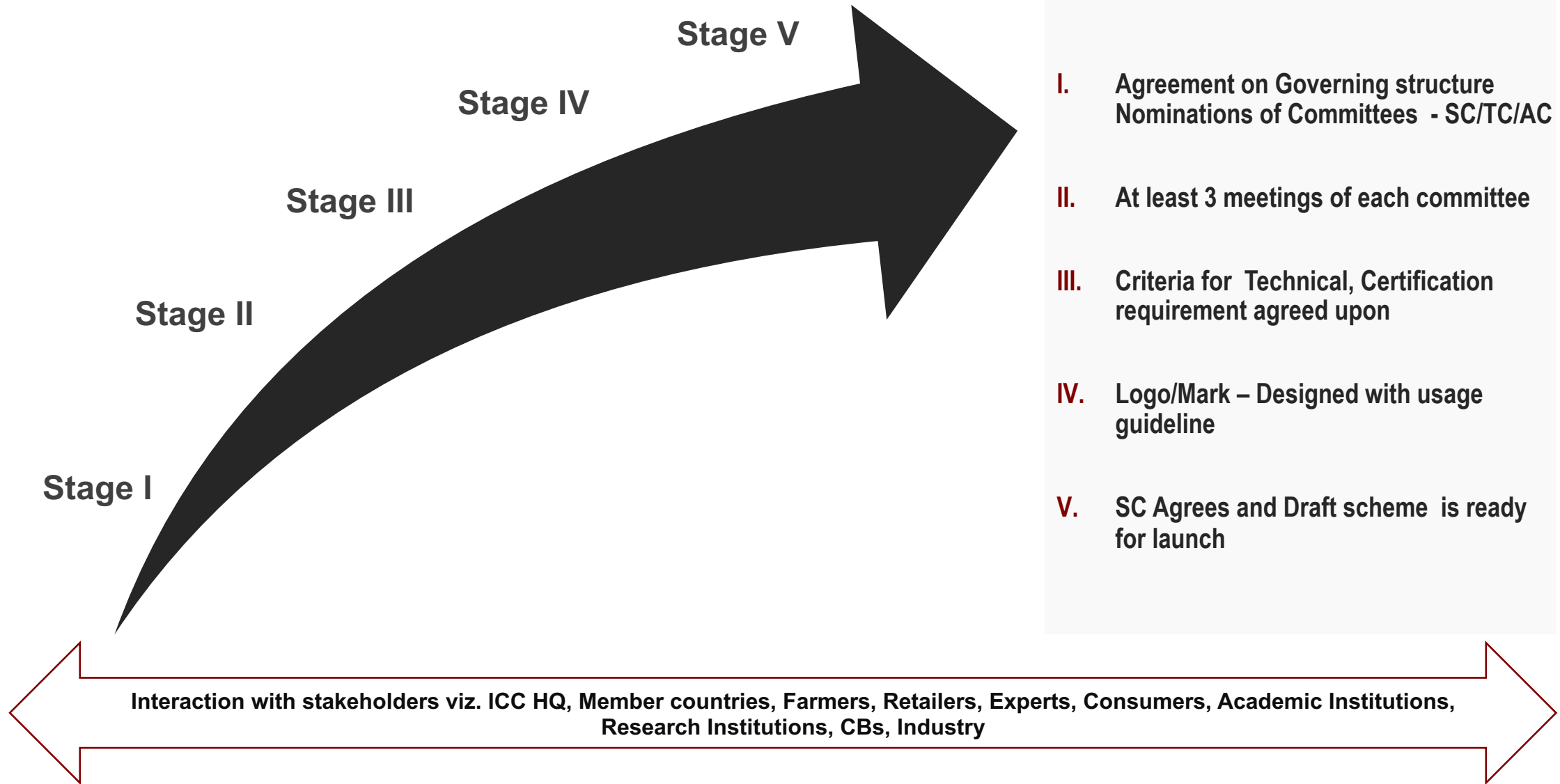
By encompassing & implementation of good practices, safety and quality can be achieved with proper handling and management throughout the post-harvest processing which are important to retain their inherent qualities.

Good Agricultural Practices

Good Manufacturing Practices

Good Hygiene Practices

Development of Voluntary **Scheme**



Good Agricultural Practices (GAP) – Focus on Farms

- ❖ **Agricultural Practices** - Soil Amendments, Planting Material
- ❖ **Food Safety** – Responsible use of chemicals and pesticides, Careful Produce Handling; Workers well being
- ❖ **Environment Hygiene** – related to the soil, water, waste disposal etc.
- ❖ **Hygienic Production** – related to fertigation and pesticide spray schedules, irrigation schedule, planting material, storage and handling of Agro and non agro chemicals etc.
- ❖ **Handling Storage and Transportation** – related to practices essential to maintain food safety (may also be quality) during handling, storage and transportation
- ❖ **Cleaning, Maintenance and Personal Hygiene** – related to cleaning of pack house/storage premises; maintenance of fertigation and pesticide equipment and personal hygiene



Coconut GAP : Mechanism Of Execution



Coconut G.A.P
Owner



Co_Scheme
Owner
(QCI)



Stakeholder Consultation: MSC – SC, TC, CC
Grower, Collector, FO, Consumer Industry,
NGOs, Instt., etc



Certification Body



Collection



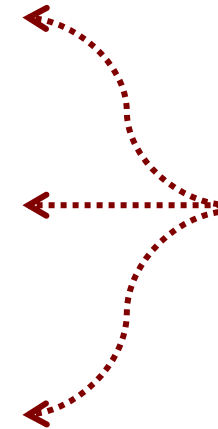
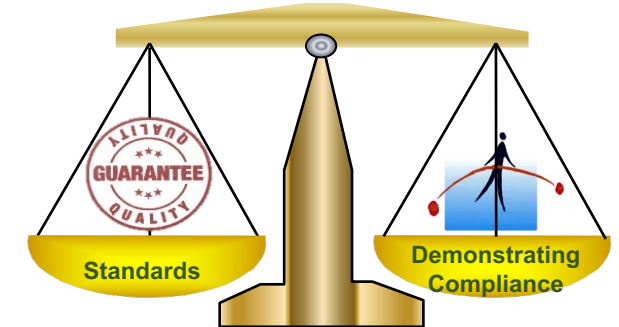
Plantations



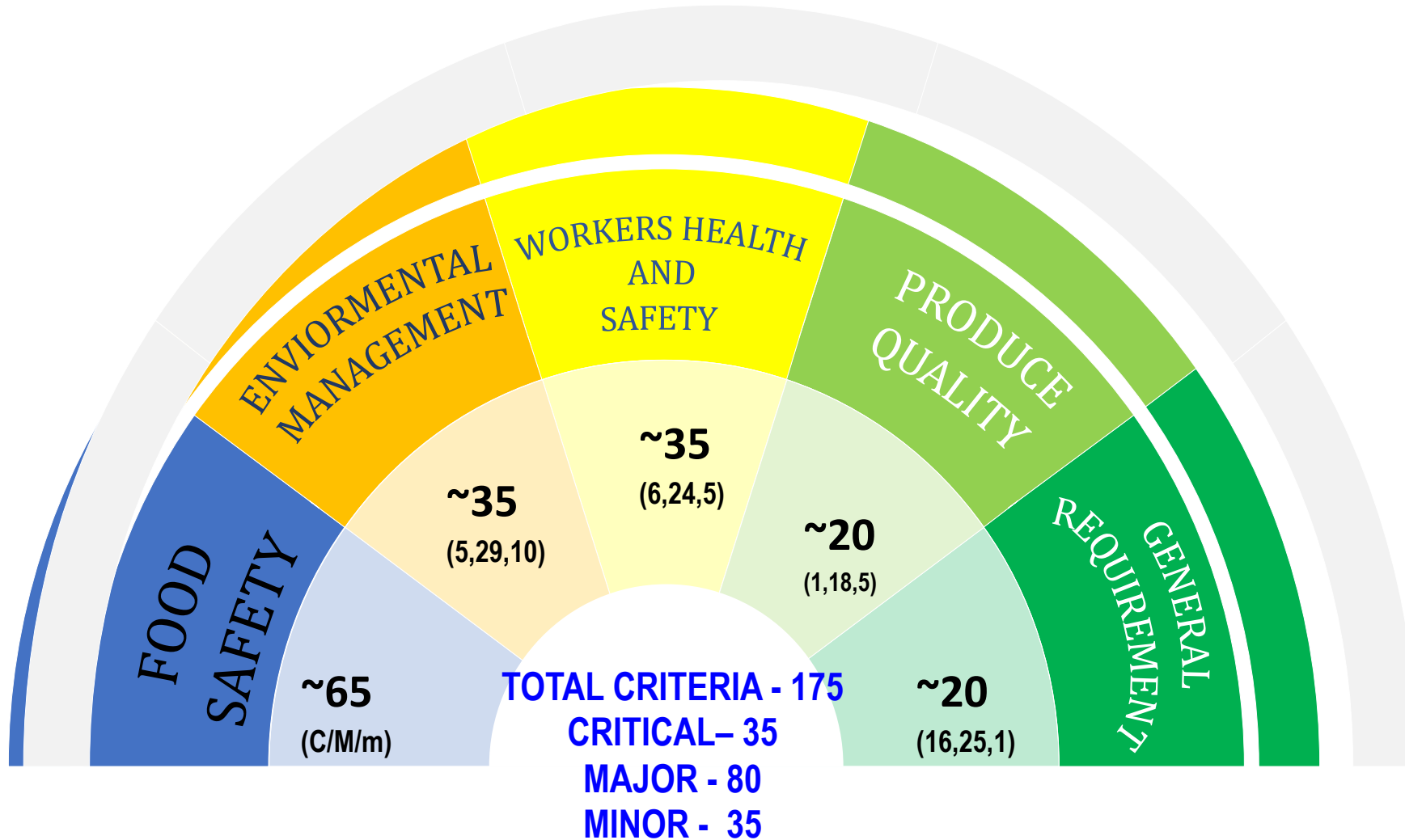
Primary
Processing



Food
Processing Unit

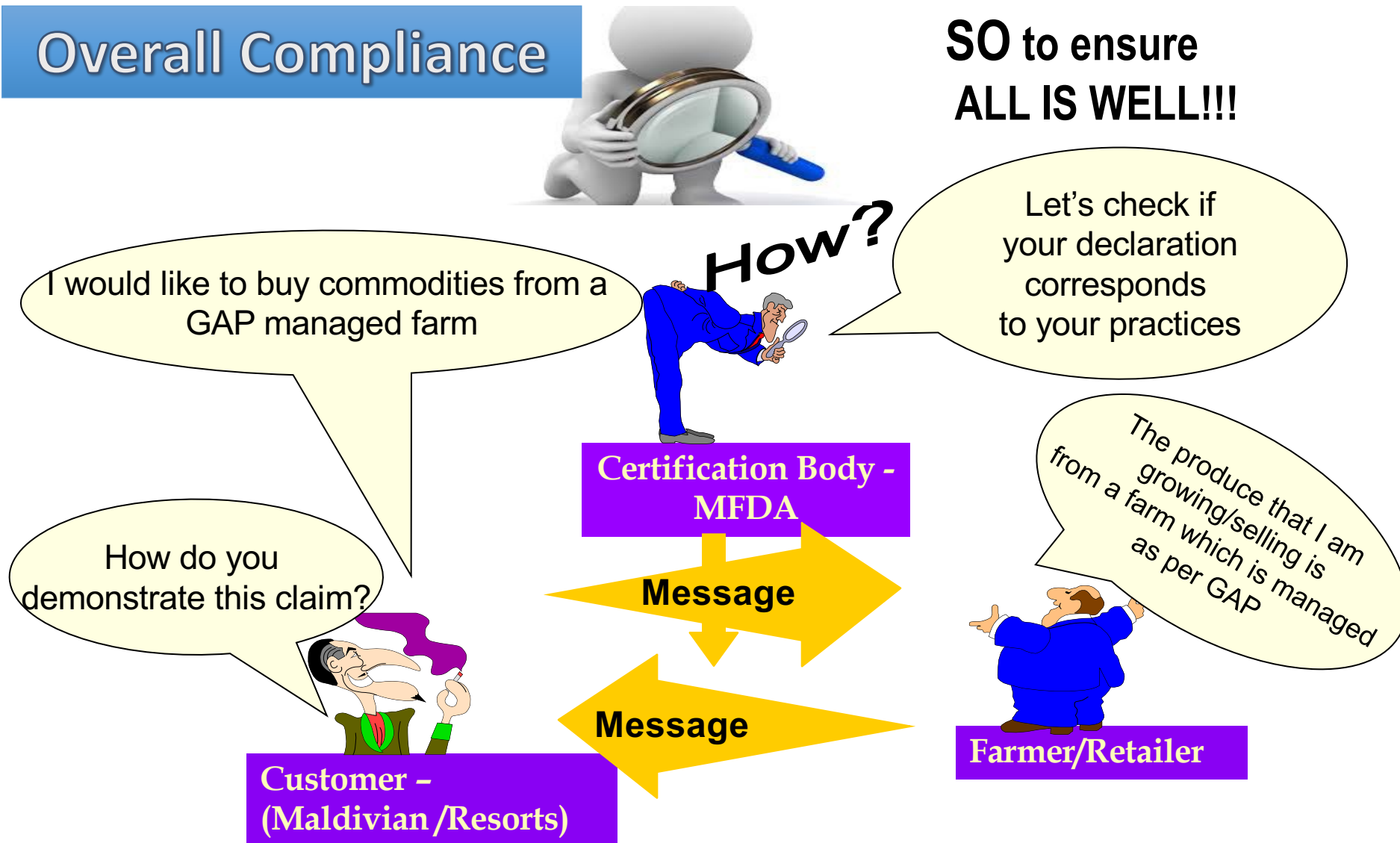


COCONUT GAP – MODULE WISE CATEGORISATION (Approximation)

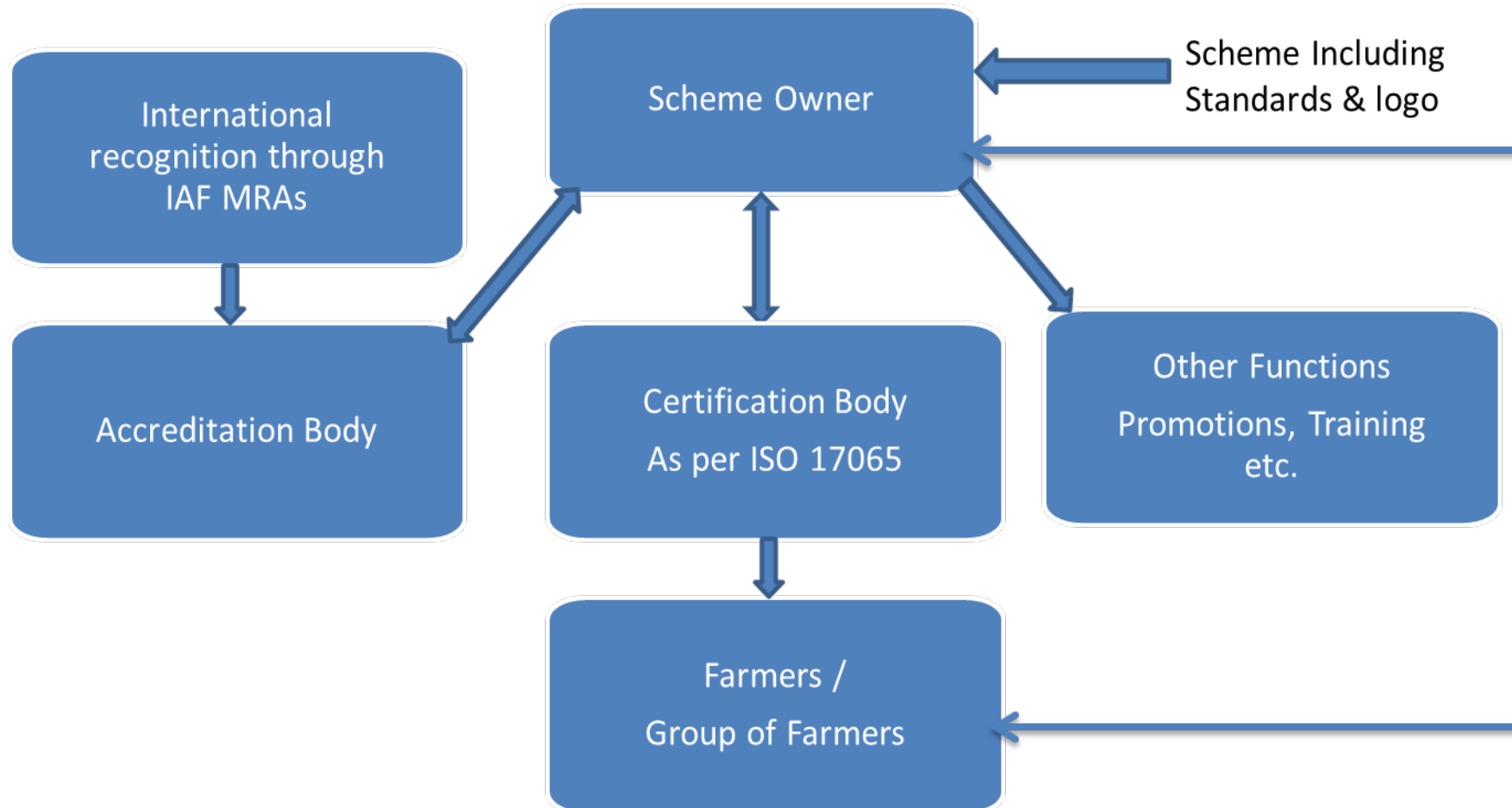


PROCESS OF VALIDATION

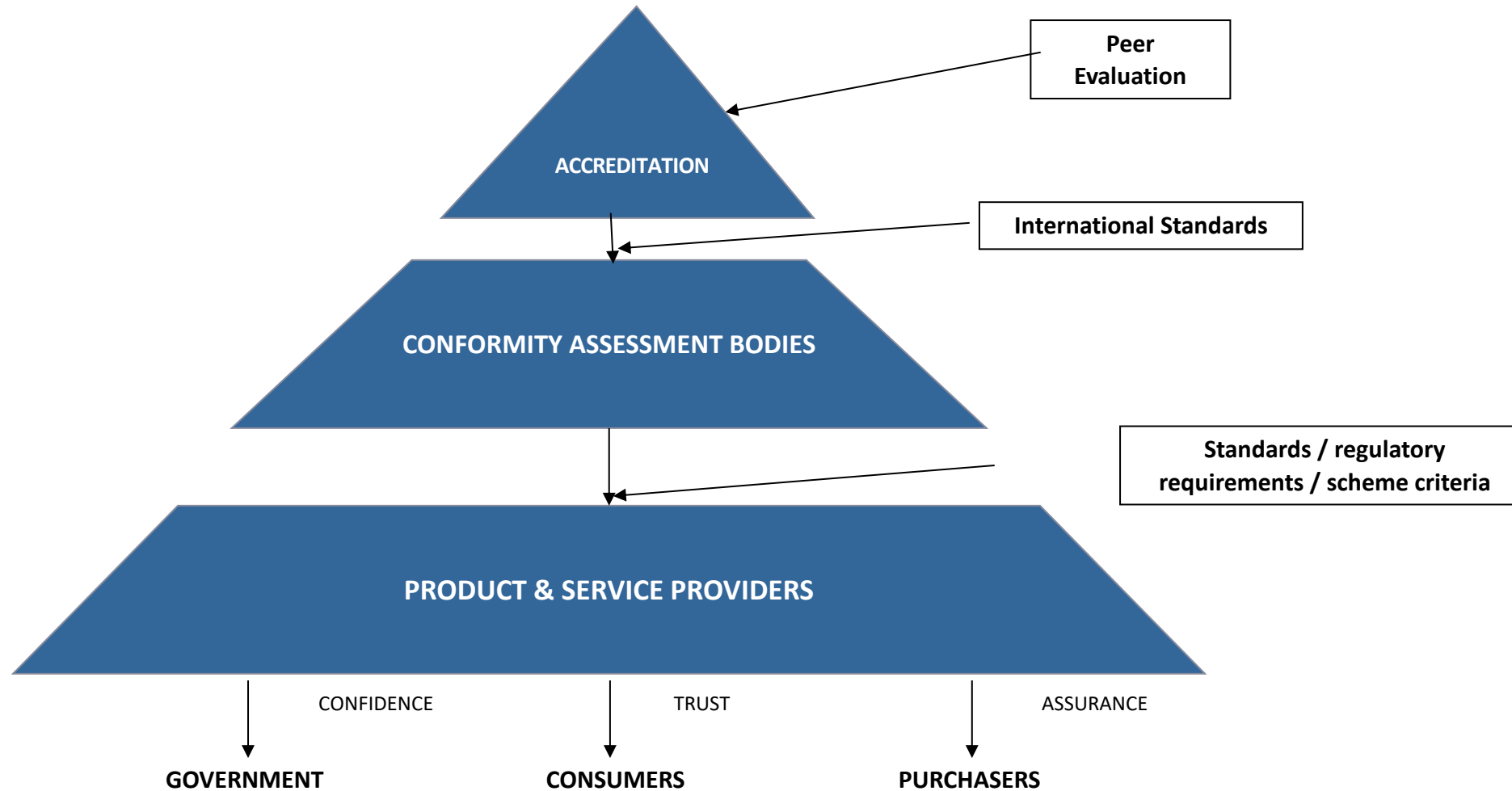
Overall Compliance



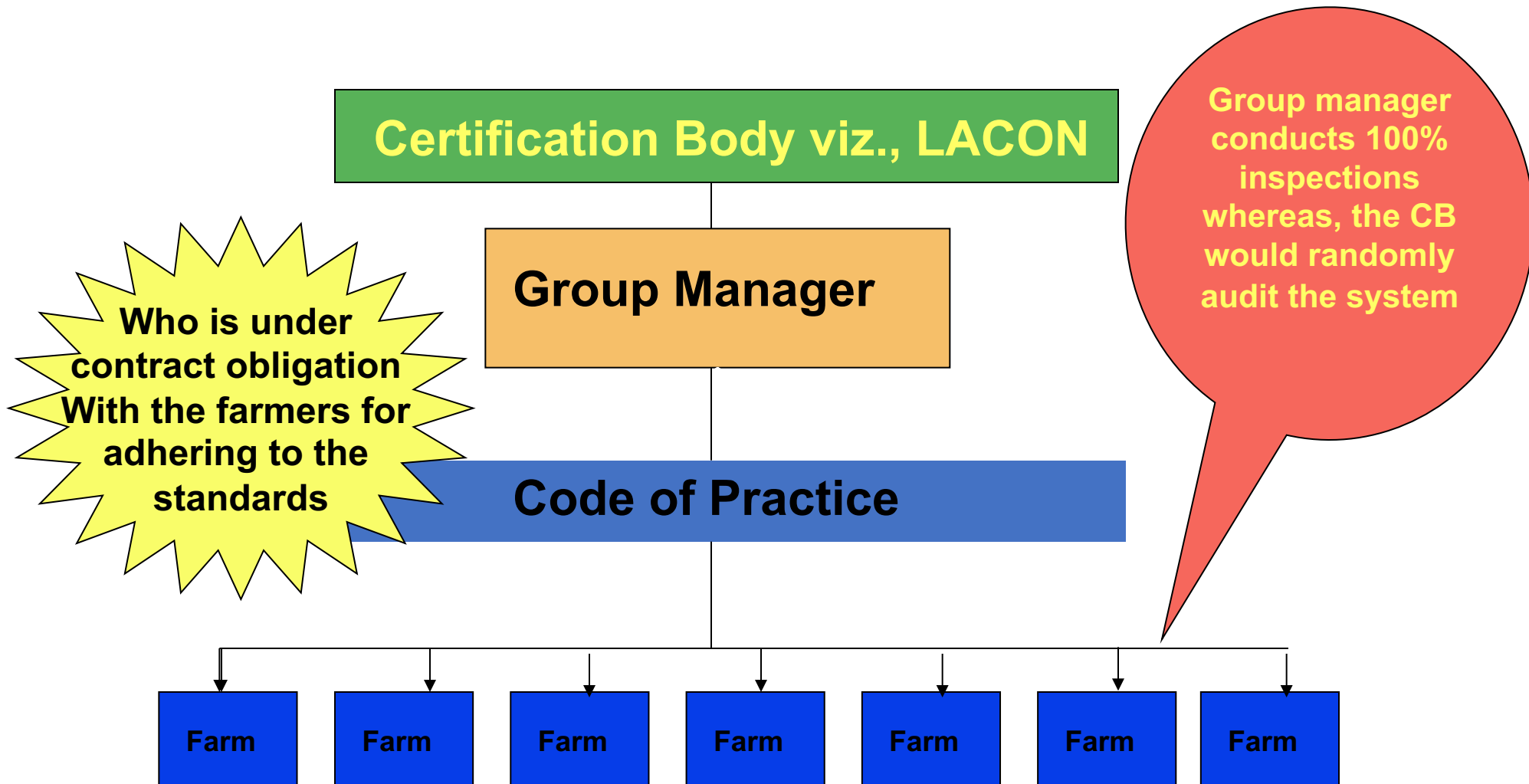
SCHEME CONCEPT



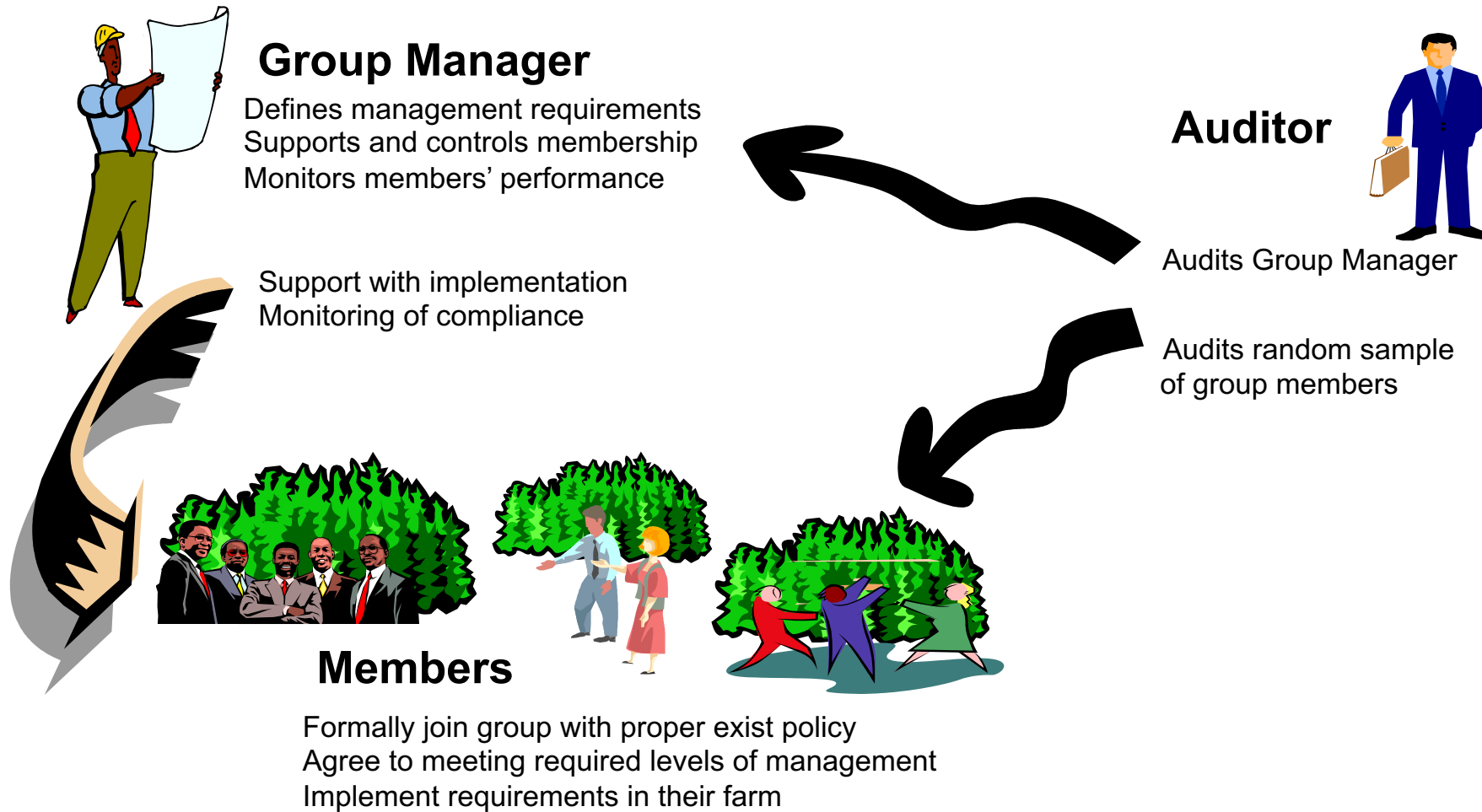
The Accreditation Framework



Group Certification Scheme



Group Certification



Regional TCP:

- Development of Standards and scheme for Good Agriculture Practices in Coconut: Implementation and Certification in ICC member countries

Objective:

- to support the countries of the Region in establishing a system for GAP & its implementation with specific focus in ICC

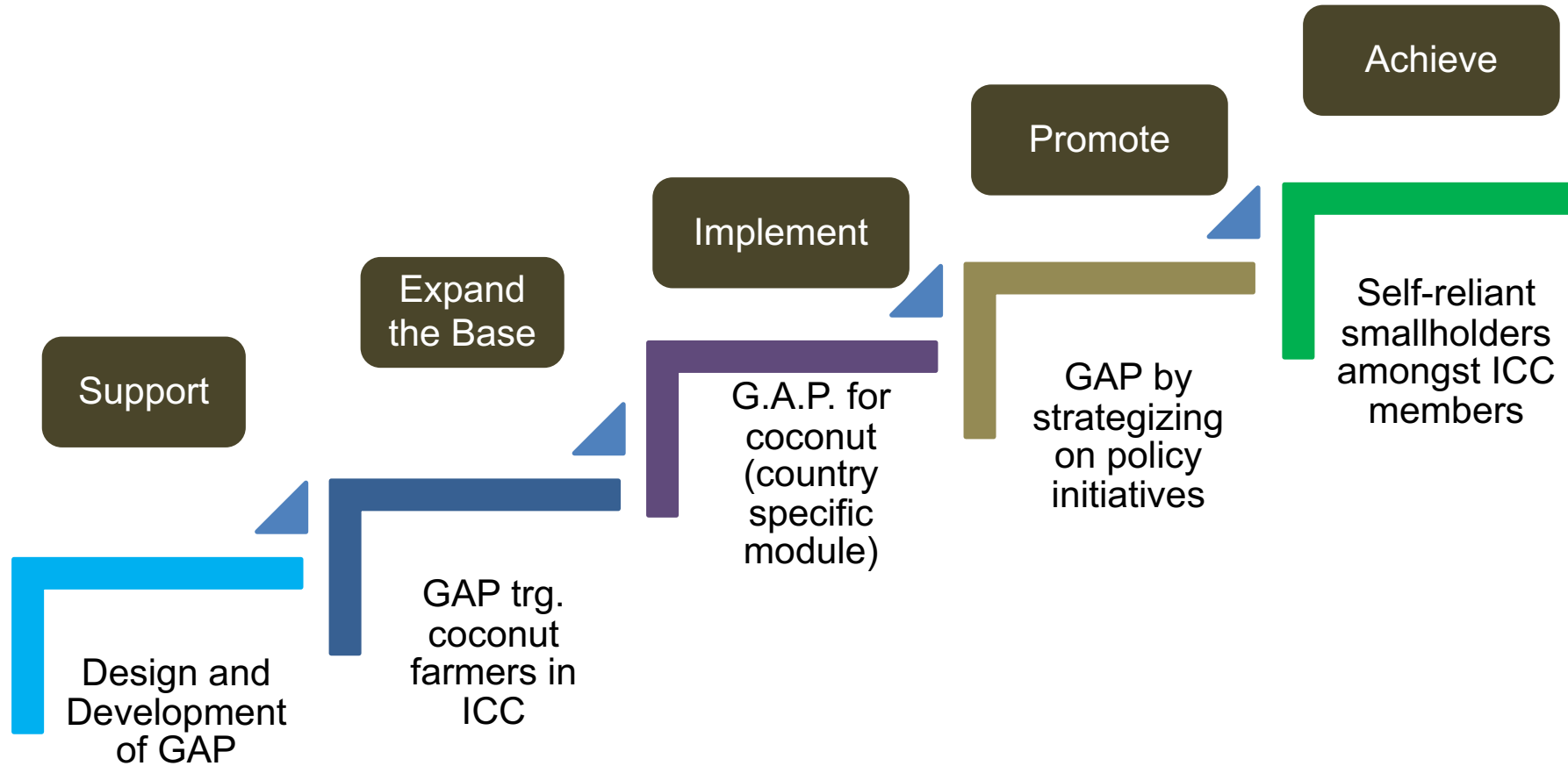
Countries:

- ICC members

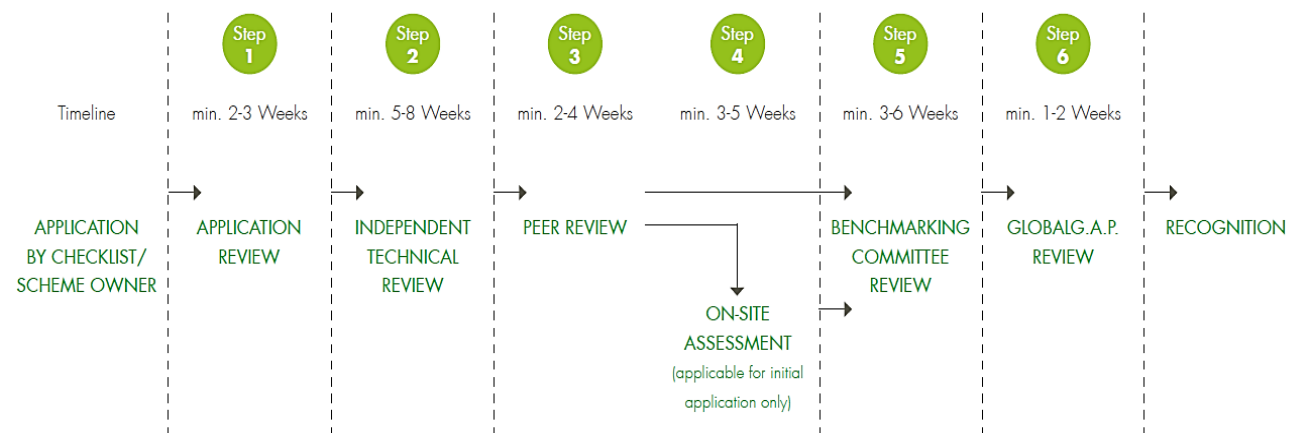
- ❑ **Part I** - GAP standard for Coconut in relation to food safety, quality, environmental management and workers health, safety and welfare

- ❑ **Part II** Establishing a national implementation structure for GAP in a country
 - Section 1 – Options and structure for implementing GAP in a country
 - Section 2 - Guidance for establishing a Scheme Owner (SO)
 - Section 3 – Rules for the use of a certification mark

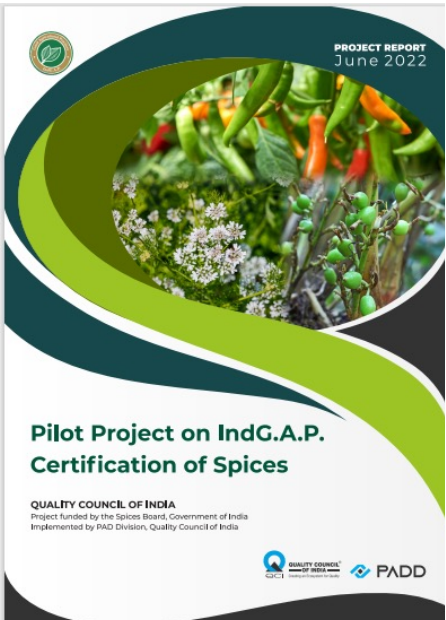
- ❑ **Part III** Certification and accreditation for GAP
 - Section 1– Certification criteria (detailing requirements for on-farm production of fruits & vegetable based on both standards & CB requirements)
 - Section 2– Certification Process
 - Section 3– Requirements for Certification Bodies (CBs)
 - Section 4 - Rules for Accreditation Bodies for GAP



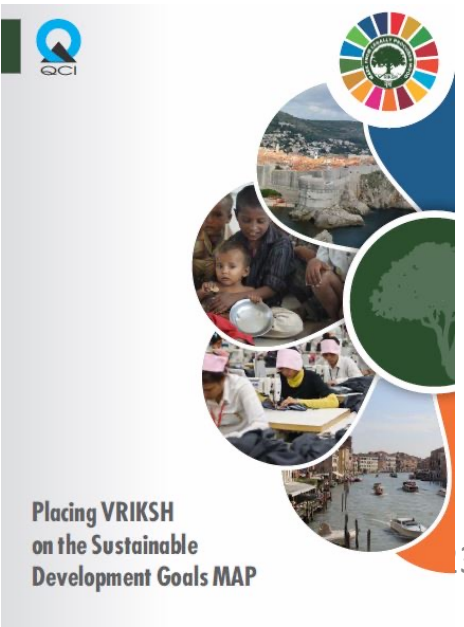
Benchmarking with international best practices



Benchmarking Process | IndG.A.P. to GLOBALG.A.P.



SDG Mapping of IndG.A.P.



National and International Collaborations



APEDA



Agriculture



Ministry of Culture
Government of India

Culture



Ministry of AYUSH

AYUSH



NTRU



नागर विमानन महानिदेशालय
DIRECTORATE GENERAL OF
CIVIL AVIATION

DGCA



Ministry of Science & Technology
Government of India

Science &
Technology



Spices Board



UN in India



UNFSS
United Nations Forum on Sustainability Standards
a joint initiative of FAO, ITC, UNCTAD, UN Environment and UNIDO

UNFSS



AiMED



FSSAI



Civil
Aviation



NCPCR



External
Affairs



Ministry of Commerce & Industry
Government of India

Commerce &
Industry



EPCH



ASI

Agricultural and Processed Food Products Export Development Authority (APEDA)	Food and Agriculture Organization of the United Nations (FAO)	NMPB	National GLP Compliance Monitoring Authority (NGCMA)	The Yoga Organisation of Japan	International PoPS Elimination Network (IPEN)	Andhra Pradesh MedTech Zone Ltd. (AMTZ)
	GLOBALG.A.P. - IFA	RMCMA	Association of Indian Medical Device Industry (AIMED)			
National Commission For Protection of Child Rights (NCPCR)	AYUSH	Forest Stewardship Council (FSC)	African Organisation for Standardisation (ARSO)	Centro Cultural India, C/O Embassy Of India In Lima (Concurrently Accredited to Bolivia)	DGCA - Remotely Piloted Aircraft Systems (RPAS)	ICRISAT
				Miryang City South Korea		
					Spices Board	



UNCTAD



FAO



UNESCAP



International Trade
Centre



UN Environment
Programme



SAARC



UNIDO



ITA



NBA



ICRISAT



NMPB



World Wide Fund
for Nature



UN Global
Compact



ILO



ARSO

Solidaridad

Thank You

Project Analysis & Documentation Division (PADD)

Quality Council of India

(Autonomous Body set by Govt. of India)

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THANK YOU FOR YOUR ATTENTION!

ANY QUESTIONS PLEASE

