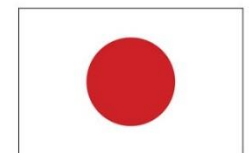


The PQI Initiative

AND ITS SIGNIFICANCE TO SOLOMON ISLANDS TRADING

DR ULRICH DIEKMANN, 30 JUNE 2022



From
the People of Japan

PQI fact sheet



PACIFIC ISLANDS FORUM

- Multi-donor funding from EIF, EU, Australia, Germany, Japan
- Implemented by PIFS since Oct 2020
- Implementation partners
 - Standards Australia
 - National Measurement Institute Australia



PQI objectives

- To enhance access to Quality Infrastructure services, procedures, and practices
- To boost the quality culture across the Pacific

QI – Quality Infrastructure

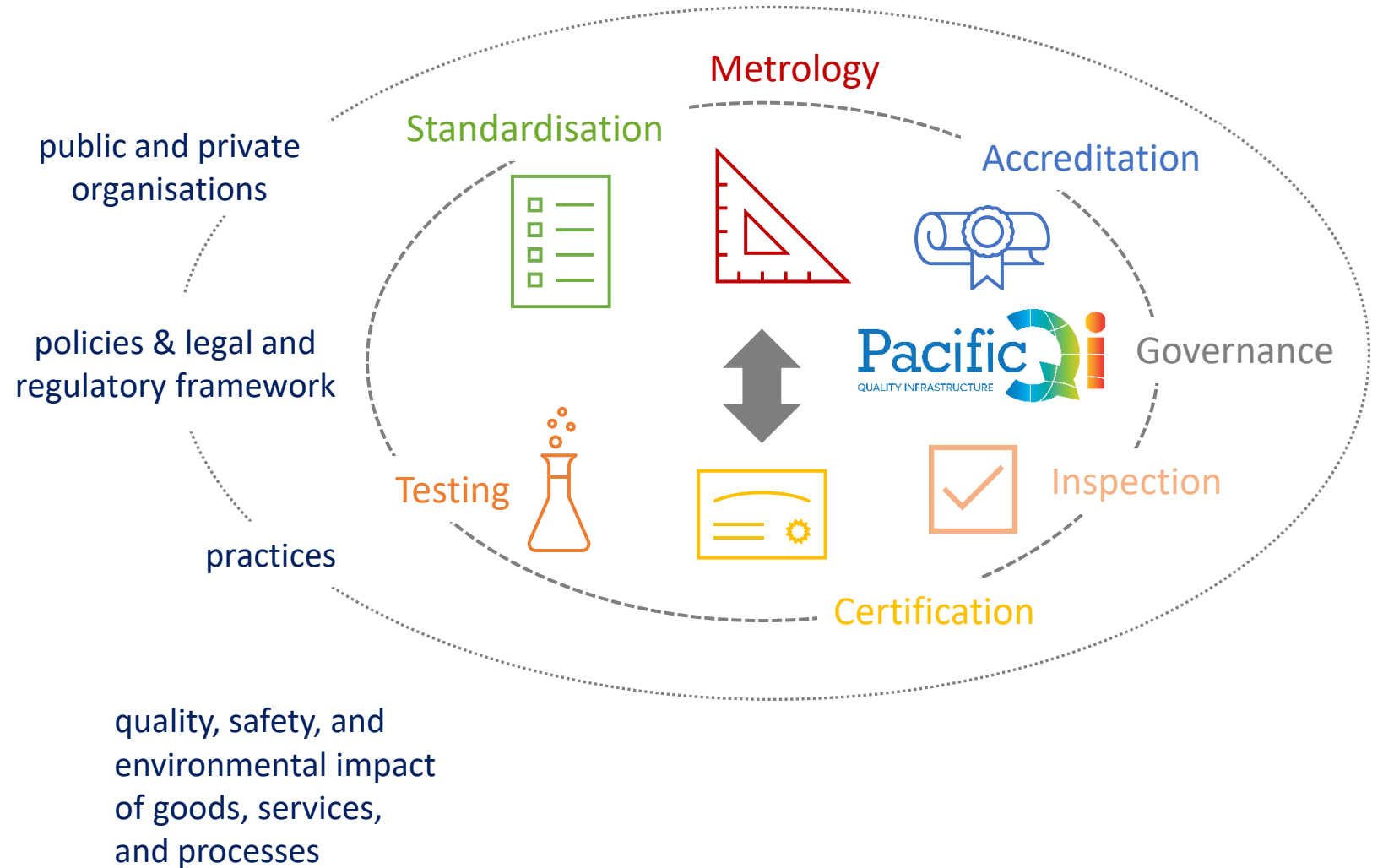
the system of public and private organisations, policies, the legal and regulatory framework, and practices needed to support and enhance the quality, safety, and environmental impact of goods, services, and processes

QI is important for

- effective and trustworthy commercial transactions on domestic markets
- access to foreign markets
- to avoid technical barriers to trade

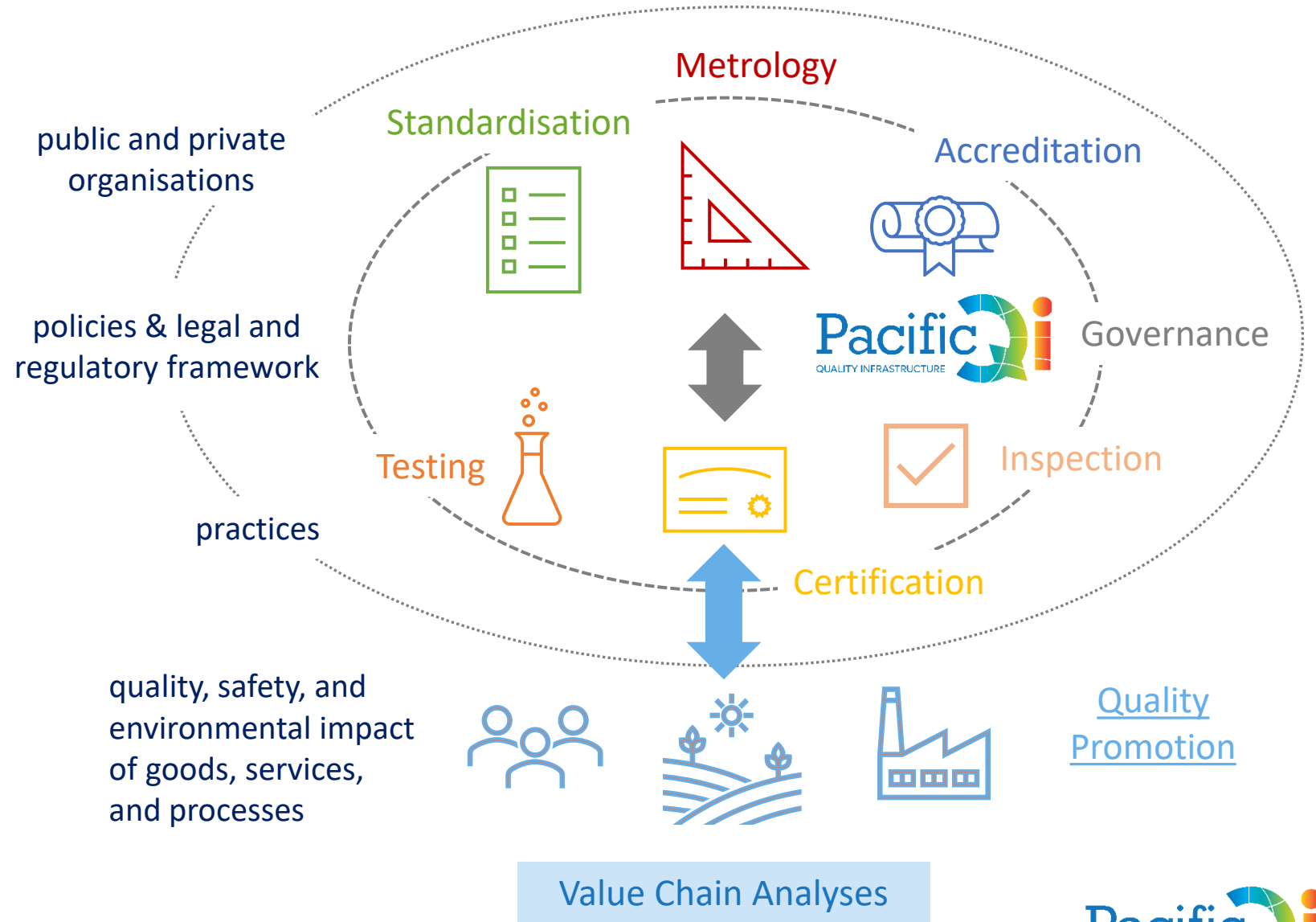
QI – Quality Infrastructure

the system of public and private organisations, policies, the legal and regulatory framework, and practices needed to support and enhance the quality, safety, and environmental impact of goods, services, and processes



Pacific Quality Infrastructure (PQI) Initiative

1. Governance
2. Standardisation
3. Metrology
4. Testing
5. Quality Promotion



Kava

Value Chain Analysis Solomon Islands

Presentation of study
on 29 June



Agenda

What?	Who?	Time (min)
In-country participants seated & Zoom dial-in	All	2:50pm
Welcome & PQI Initiative	Dr. Ulrich Diekmann, Regional QI Coordinator	10
1. Results of Kava Value Chain Study	Mr. Ezekiel Parairae, VC Consultant	35
Discussion and validation of VC study	Mr. Christian Schoen, PTB expert /	

draft study report

Pacific Quality Infrastructure (PQI)

Feasibility Study on the
Kava Value Chain in
Solomon Islands

Ezekiel Parairae
April 2022



QI assessment

Gaps

- No QI related technical regulations and practices
- No national standards body
- Biosecurity lacks capacity, certification without proper testing
- NPHL not accredited
- Absence of scientific and industrial metrology
- NPHL does not use HPLC
- Legal metrology programme is obsolete
- No national accreditation body

Conclusions

- Quality has become a huge concern
- QI in Solomon Islands faces several constraints and problems
- Solomon Islands lacks the legal and regulatory instruments to guide and regulate the kava market
- VC actors and the supporting institutions are slowly intervening and addressing the QI and market constraints

Recommendations

- QI needs to be upgraded and modernised
 - VC actors to provide solutions to QI challenges
 - Kava testing to be conducted locally (NPHL) to cut costs & turn-around time
 - Establish a regulatory and strategic framework for Kava – regulations and fair market practices
 - Training of VC actors on noble kava varieties and agronomic practices, kava quality, domestic market and international standards
- Continue VC analysis to strengthen the kava value chain

1. QI Governance

- PIFS QI Unit
- Focal Points
- Quality policies & legislation



QI Focal Points

PQI - Focal Points					
Country	QI	S	M	T	QP
Australia					
Cook Islands					
Federated States of Micronesia					
Fiji					
French Polynesia					
Kiribati					
Republic of Marshall Islands					
New Caledonia					
Nauru					
New Zealand					
Niue					
Palau					
Papua New Guinea					
Samoa					
Solomon Islands					
Tonga					
Tuvalu					
Vanuatu					
Timor Leste					

2. Standardisation

3. Metrology

4. Testing

- a. Capacity development
- b. Needs Assessments
- c. Regional Committees



Standardisation



Regional Standards
Committee

- Harmonising national standards
- Development of regional standards
- Adoption of international standards and developed Pacific regional standards by member bodies
- Promoting and assisting the establishment of NSBs amongst member countries

Metrology

Capacity development

- Metrology workshop 1 Calibration and Measurement Fundamentals, 21 Oct 2021
- Metrology e-learning course on Trade Measurement, 21 Oct - 10 Dec 2021
- Metrology workshop 2 Trade Measurement, 9 Nov 2021
- Q&A session, 14 Dec 2021



<https://www.forumsec.org/pacific-quality-infrastructure-documents/>
Password: P@cQuaL1Ty

- 1 Measurement for trade transactions
- 2 Domestic and international trade considerations
- 3 Legislation, guidelines and procedures
- 4 Prepackaged products
- 5 Measuring instruments used for trade
- 6 Common influence factors

- 1 Terminology
- 2 Units
- 3 Standards
- 4 Objectives of metrology
- 5 Traceability
- 6 Accreditation (and NATA)
- 7 Calibration reports
- 8 Errors
- 9 Uncertainty

Testing

Needs Assessment

- Questionnaire #1
Contact form

Laboratory	Country
Fiji Agriculture Chemistry Laboratory / Chemistry Laboratory.	Fiji
Institute of Applied Sciences (IAS)	Fiji
The Institute of Applied Sciences (IAS) Laboratory Services, University of the South Pacific (USP)	Fiji
National Public Health Laboratory (NPHL) at the Fiji Centre for Disease Control (Fiji CDC)	Fiji
CPS Fiji Pte Limited	Fiji
Assay and Environment Laboratory	Fiji
Fiji Agriculture Chemistry Laboratory (FACL)	Fiji
Dr. Krishnamurthi Tissue Culture Laboratory	Fiji
SRIF Analytical Lab	Fiji
GINGER LBTP NC	New Caledonia
Scientific Research Organisation of Samoa (SROS)	Samoa
Water Quality Unit, WQU	Samoa
National Public Health Laboratory	Solomon Islands
Commodities Export Marketing Authority Quality Assurance Laboratory	Solomon Islands
Ministry of Infrastructure Development Construction Materials Laboratory (MID COM LAB)	Solomon Islands
National Public Health Laboratory	Solomon Islands
Faculty of Agriculture, forestry and fisheries science labor	Solomon Islands
British American Tobacco Solomon Islands	Solomon Islands
Geochemical Laboratory	Solomon Islands
SPE Analytical & Scientific	Solomon Islands
MAFF Food Laboratory	Tonga
Tuvalu Coastal Fisheries Laboratory	Tuvalu
Tuvalu Agriculture Dept Lab	Tuvalu
Agriculture Research Laboratory	Tuvalu
Vanuatu Bureau of Standards	Vanuatu