



ASIA-PACIFIC  
LEGAL METROLOGY FORUM

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Tokyo, Japan

# Economy Report

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## *Papua New Guinea]*

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Report developed by

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Position

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Organisation

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\*Apologies

## SECTION 1 – Organisation and structure for metrology

### Organisation Structures

Function	Scientific Metrology	Legal Metrology	
Organization	NISIT	NISIT	ICCC
Business Unit	Metrology Division	Metrology Division	Consumer Protection
	Measurement Standards Laboratory	Measurement Standards Laboratory	Trade Measurements
Manager	Joseph Panga	Joseph Panga	Brian Ivosa
Location	Port Moresby	Port Moresby	Port Moresby, Lae, Kokopo, Goroka

#### NISIT Organizational restructure

NISIT is in the process of rolling out its new organization structure. This restructure will see the organization grow from 30 to 118 in the next 3 years. The Metrology Division will grow from 5 to 24.

From the outset, the two general functions in Metrology within PNG that is recognized regionally and internationally are shown above.

However, the reality is that these two organizations are just part of a number of state agencies sharing the responsibilities of Scientific and Legal Metrology in Papua New Guinea. Please see below the government agencies handling the other generally recognized responsibilities in metrology;

Metrological Service/Function	Organization	Empowering Legislations	Ministry
Verification of Weighing instrument in the market	ICCC	-Trade Measurement Act -Weights and Measures Regulations	Treasury
Calibration of Weighing instrument in the market	NISIT	NISIT Act	Trade, Commerce and Industry
Verification of Pre-packaged goods	ICCC	Packaging Act	Treasury
Verification of Fuel Dispensers	ICCC	-Trade Measurement Act -Weights and Measures Regulations	Treasury
Calibration of Fuel Dispensers	NISIT	NISIT Act	Trade, Commerce and Industry
Verification of Taxi meters	ICCC	Trade Measurement Act	Treasury
Calibration and testing of taxi meters			
Verification of Bulk flow meters	NISIT	-NISIT Act -Use Weights and Measures Regulation MPES	Trade, Commerce and Industry
Calibration of Bulk Flow meters	NISIT	NISIT Act	Trade, Commerce and Industry
Installation and verification of Water meters	Water PNG	Water PNG Act	State Owned Enterprises

Calibration of Water meters			
Installation, testing and verification of Electricity meters	PNG Power	PNG Power Act	State Owned Enterprises
Calibration of Electricity meters			
Verification of Gas meters			
Calibration of Gas meters			
Verification of Medical measuring devices	Dept of Health	Health Act	Health
Calibration of Medical measuring devices			

## International arrangements and engagement

### Capacity and Capability Building

#### (NISIT)

- Training on Mass Standards in Indonesia funded by MEDEA Project of PTB/APMP/APLMF
- Training on Fuel Dispensers in Thailand funded by MEDEA Project of PTB/APMP/APLMF
- Training on Legal Metrology Management System in PR China funded by OIML
- NAWI Train the Trainer Training in Malaysia funded by MEDEA Project of PTB/APMP/APLMF
- Training on Grain Foods Moisture Measurement training funded by APEC and facilitated by NIM China at the 2016 APMP GA and related meetings in Vietnam
- Through the European Union Trade Related Assistance Program, Phase 2, MSL will be the beneficiary of high precision and expensive reference standard equipment to be supplied by October 2017 as per the recently concluded evaluation process by NAOSU.

## SECTION 2 – Key activities of 2015/16

### Working with industry

NISIT through the MSL has continued to support the industry with its calibration services. We have supported them in purchasing new instruments and equipment through our established approved suppliers internationally.

NISIT continues to provide an affordable calibration services for our industry despite the tough state of our economy. Our part

### Stakeholder Collaboration

#### Protecting consumers

#### (ICCC)

- Training on Pre-packaged goods in Indonesia funded by MEDEA Project of PTB/APMP/APLMF
- Training on Fuel Dispensers in Thailand funded by MEDEA Project of PTB/APMP/APLMF

- Through our ongoing collaborations with other government agencies, ICCC has been selected to be the recipient of much needed reference equipment from the MEDEA Project of the PTB/APMP/APLMF.
- The National Fisheries Authority of PNG has just entered into an MOU with NISIT and MSL for a support package for its clients who fishing and canning companies in PNG. NFA is supporting MSL with about USD500, 000 to build capacity and subsidize calibration services charges.

## Major projects - What we did and what we learned

Initiating more interactions with the other government agencies and the industry like never before done has opened us to see our limitations in our legislations to support us. It has given our stakeholders a new understanding our different roles and how we can support them and vice versa.

## SECTION 3 – Future focus

### New initiatives planned (next 1-2 years)

- National Quality Policy to drive the NQI forward
- New legislation to be introduced, Metrology Act, Metrology Regulations
- New Facility
- First CMC in Mass Measurements to gain international and **national recognition and relevance**
- Legal Metrology Authority Accreditation through NATA

### Emerging issues – challenges and opportunities

- The need to bring Trade Measurements to NISIT to manage and administer
- The need to be an independent entity, a National Metrology Institute responsible for Scientific and Legal Metrology and be the central agency to coordinate efforts in addressing all matters related to or incidental to Metrology in PNG
- Staff retention and development