



OIML SEMINAR ON METROLOGY MANAGEMENT SYSTEM

DIRECTORATE OF METROLOGY

Contents

1st

Legal Metrology System in Indonesia

2nd

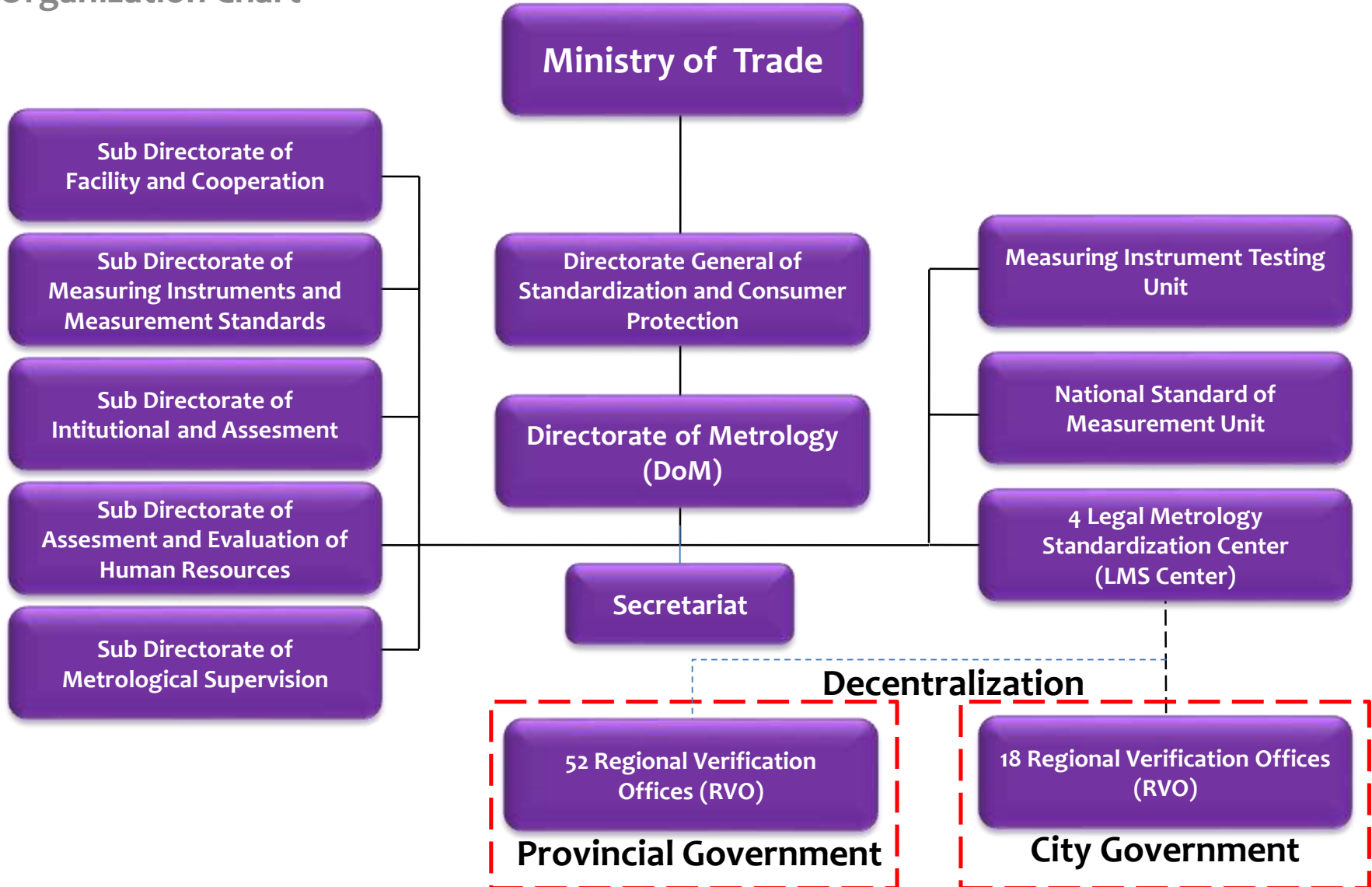
Raising awareness of metrology

3rd

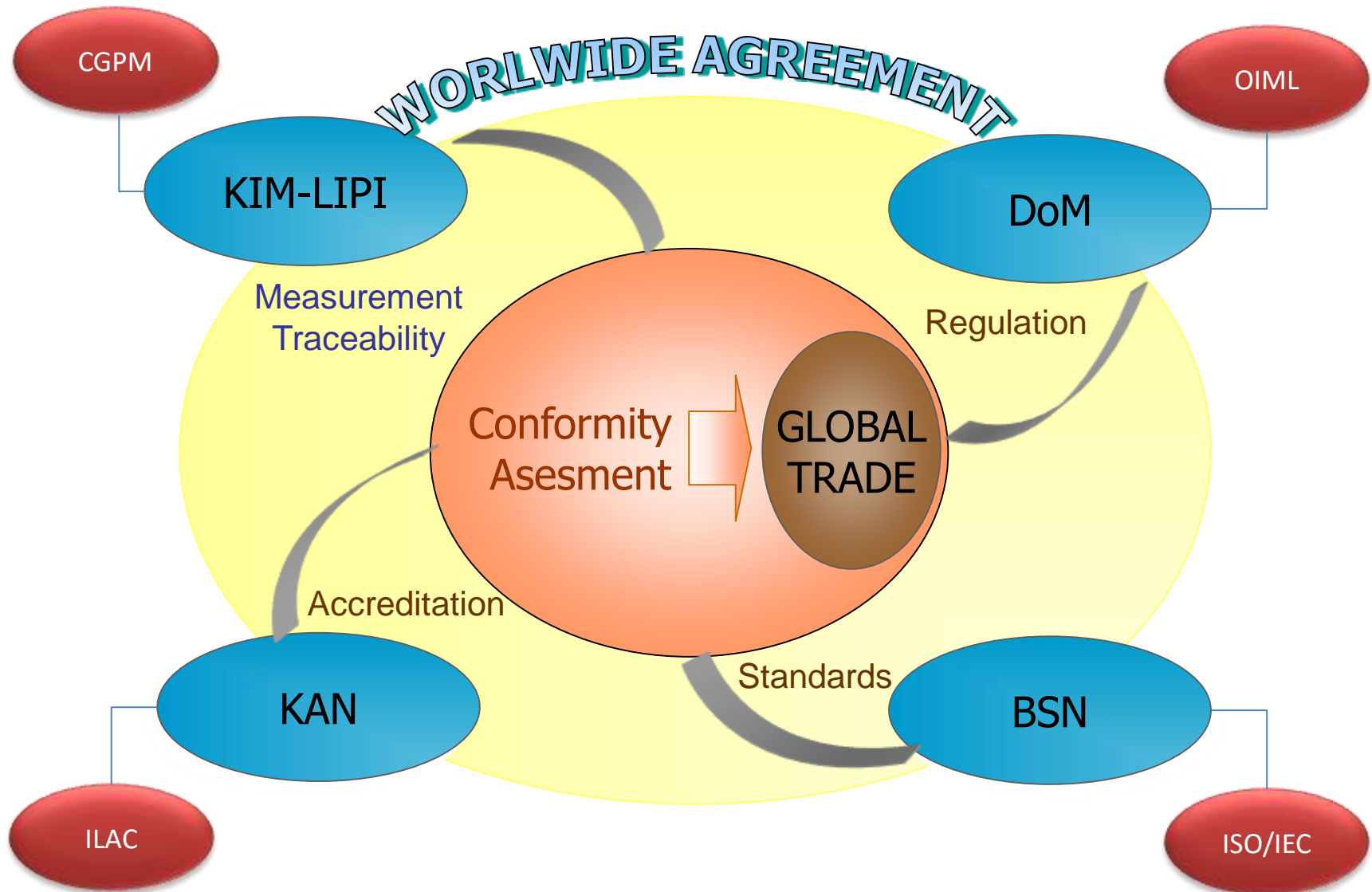
Training course mostly needed

Legal Metrology

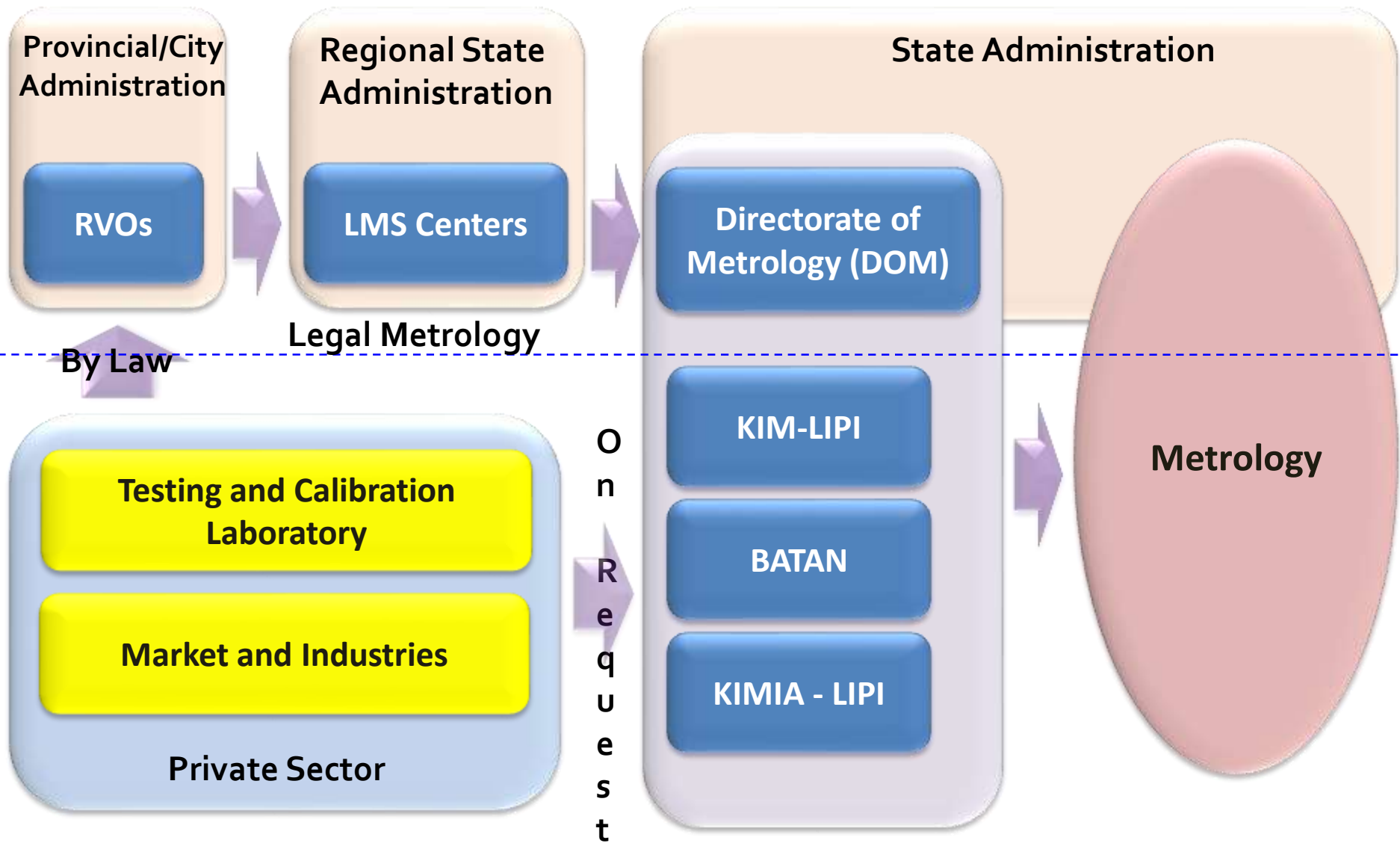
Organization Chart



Metrology Infrastructure



Metrology System of Measurement Standard



• Legislation

- That to protect the public interest needs to guarantee the existence of truth in the measurement and the certainty of law and order in the unit of measurement, measurement standard, measurement methods and measuring instruments.
- Legal Metrology activities in the Republic of Indonesia was began since 1923 and since 1981, the legislation of legal metrology activities was ruled in Legal Metrology Law No.2 Year 1981.

Republic
Indonesia's
Law
No.2/1981 on
Legal
Metrology

➤ Other legal Framework:

- ❖ Government Act on Mandatory of Measuring Instruments and their requirements
- ❖ Ministerial Decree on Measuring Instruments
- ❖ Technical Regulations of Measuring Instruments



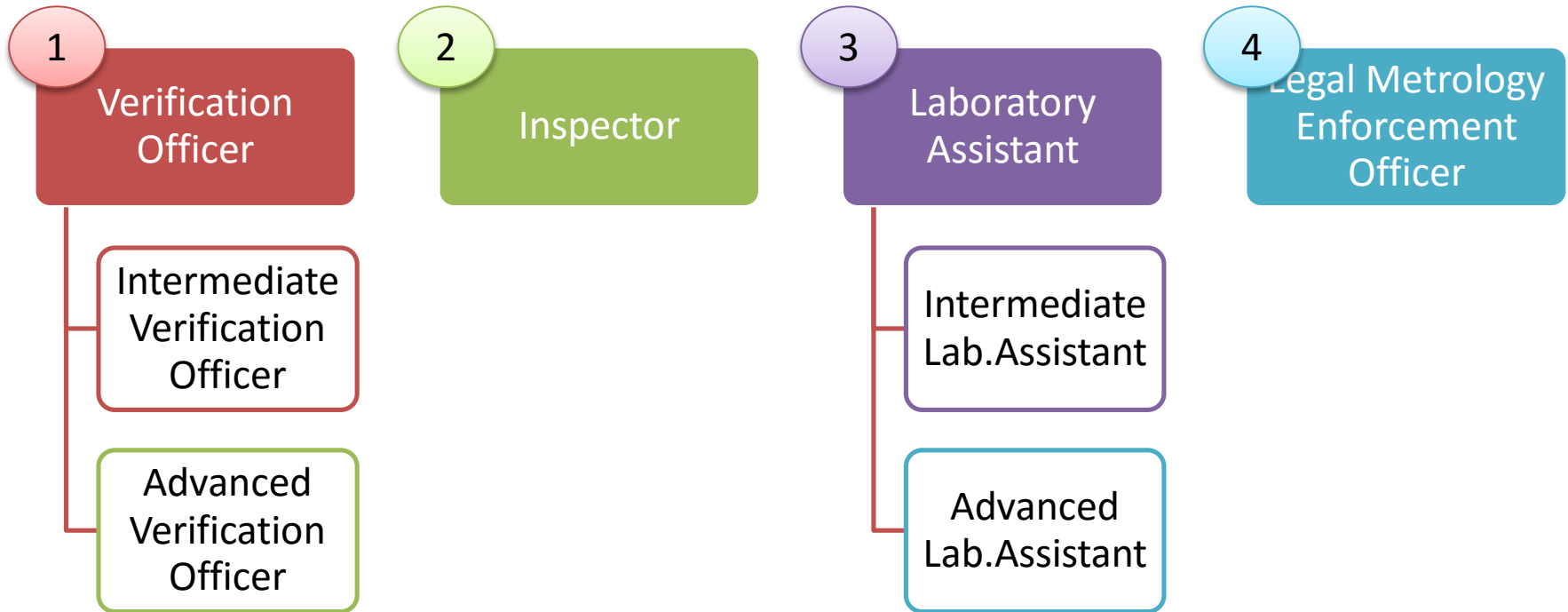
- **National Organization for Legal Metrology**
 - Directorate of Metrology (DoM) is one of the government institutions under Directorate General of Consumer Protection and Trade Compliance, Ministry of Trade the Republic of Indonesia which has authority in conducting the Legal Metrology Activities in Indonesia. Referring to the Ministry of Trade of the Republic Indonesia decree number 08/M-DAG/PER/2/2016 on the organization and structure of Ministry of Trade.



- **The Main Legal Metrology Activities**
 - Initial verification of measuring instruments;
 - Specified frequency of subsequent verifications;
 - Type evaluation and type approval;
 - Unit Standard and laboratory management;
 - Metrological Supervision.



Metrological Human Resources in Indonesia



- **Measuring Instruments Control**

- **Pre-Market Control**

- ✓ Enforcement of type approval test of measuring instruments
 - ✓ Enforcement of initial verification of measuring instruments

- **Post Market Control**

- ✓ Enforcement of subsequent verification of measuring instruments



- **Directorate of Metrology's Vision**

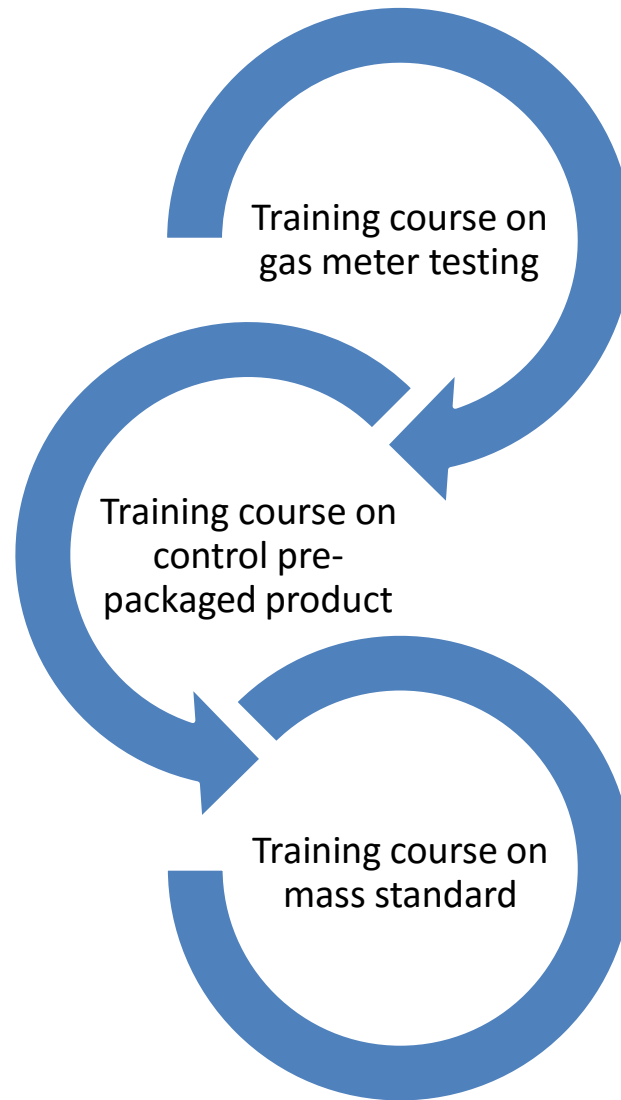
To establish the effectiveness and efficiency of legal metrology system in order to increase the competitiveness of domestic product and services at global market as well as consumer and producer protection.



- **Policies in Legal Metrology**
 - Conducting legal metrology activities which equivalent with international level.
 - Development traceability system.
 - Improvement type approval test services.
 - Improvement verification and re-verification services.
 - Improvement supervision of measuring instruments and pre-package goods.
 - Involving the third party in particular measuring instruments testing (e.g. kWh meter and water meter)

- **Directorate of Metrology's main programs based on the middle term national development plan:**
 - To harmonize, innovate, and mutual acceptance through cooperation and coordination between stakeholders of legal metrology;
 - To ensure the accuracy of the measurement results for trading safety and protection consumer;
 - Funding Support for RVO on Standards Procurement and their equipment;
 - Amandement of legal metrology legislation.

Training course mostly needed





Indonesia

