



**Institutul
Național
de Metrologie**



**MINISTERUL
ECONOMIEI ȘI
INFRASTRUCTURII**

INSTITUTUL NAȚIONAL DE METROLOGIE

2018

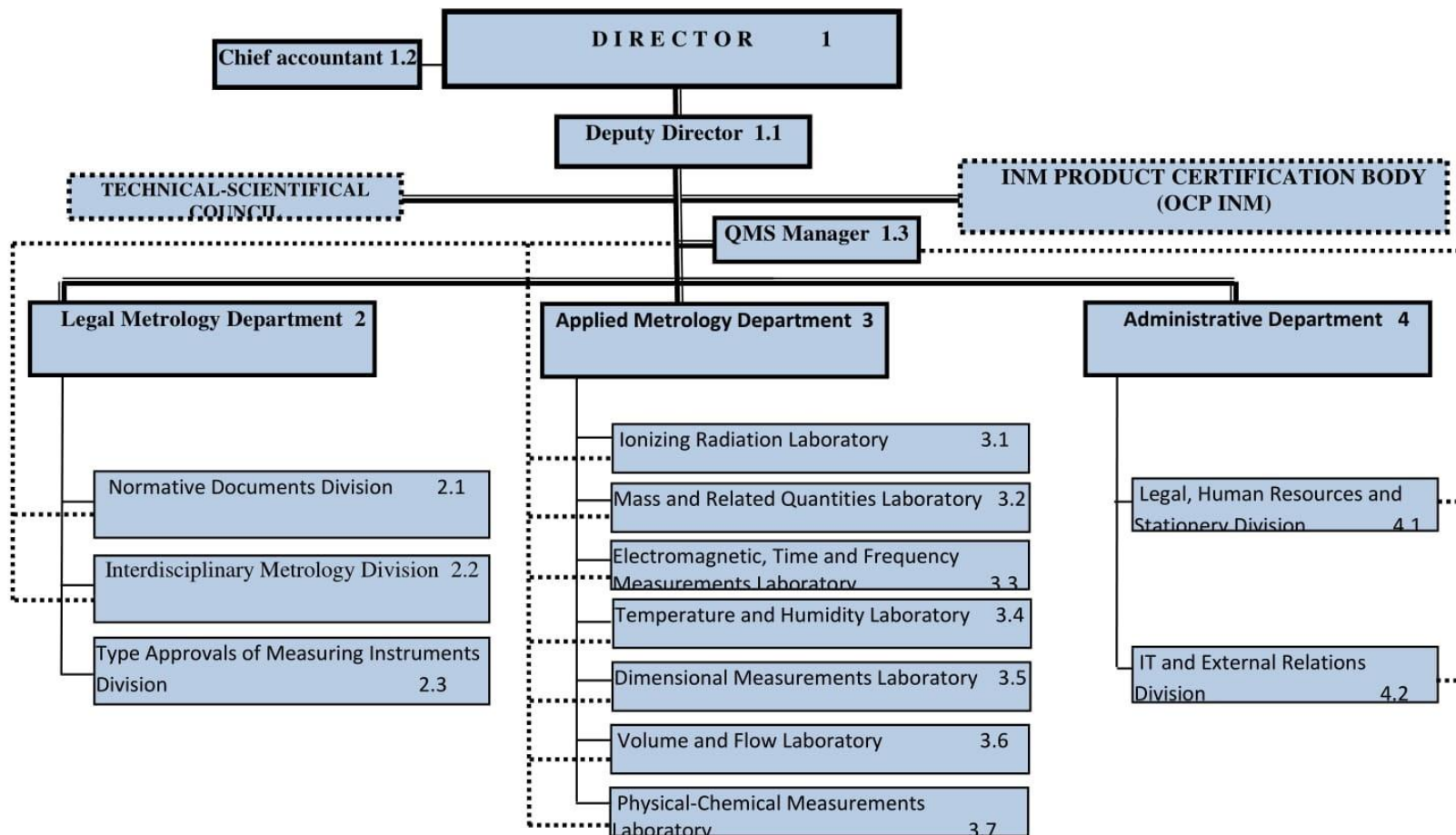
The National Institute of Metrology (INM) started its activity in 2013 by re-organization of the National Institute of Standardization and Metrology (INSM) into the National Institute of Metrology and National Institute of Standardization

Having the mission to assure the uniformity, accuracy and traceability of measurements in Republic of Moldova by maintaining, developing and modernizing the National Base of measurement Standards.

From the organizational point of view INM consists of two areas, Legal Metrology and Applied Metrology, having the following main functions:

- Implementation of the policy in metrology field at national level;
- Assuring the traceability of measurement results by achieving the comparison of national base of measurement standards at region and international level, maintaining national and reference measurement standards, preserving and disseminating the legal unit of measurements;
- Providing of testing services for pattern approval of measuring instruments
- Provide consultancy in legal metrology field and regarding technical aspects of metrology;
- Traceability of national end reference measurement standards to the International System of Units (SI) is achieved by:
 - International and bilateral comparisons with national standards of other states;
 - Periodic calibration of standards in corresponding institutes organized in other states.

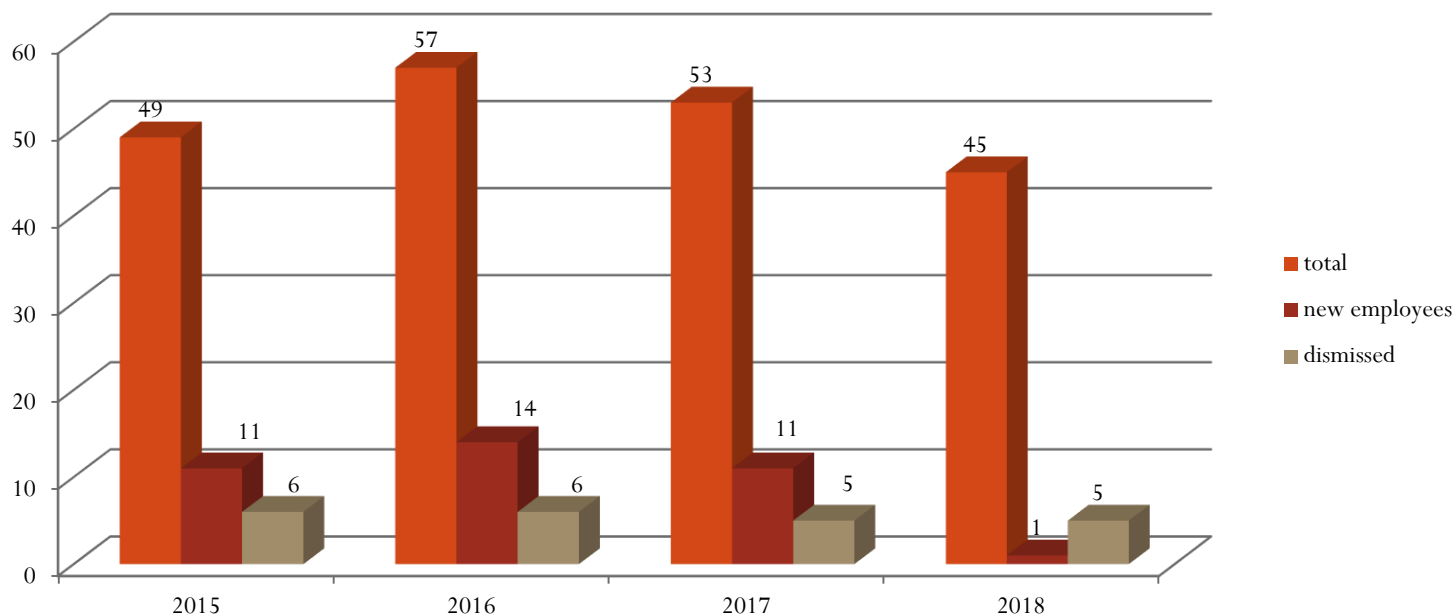
Organizational structure of the National Institute for Metrology (INM)



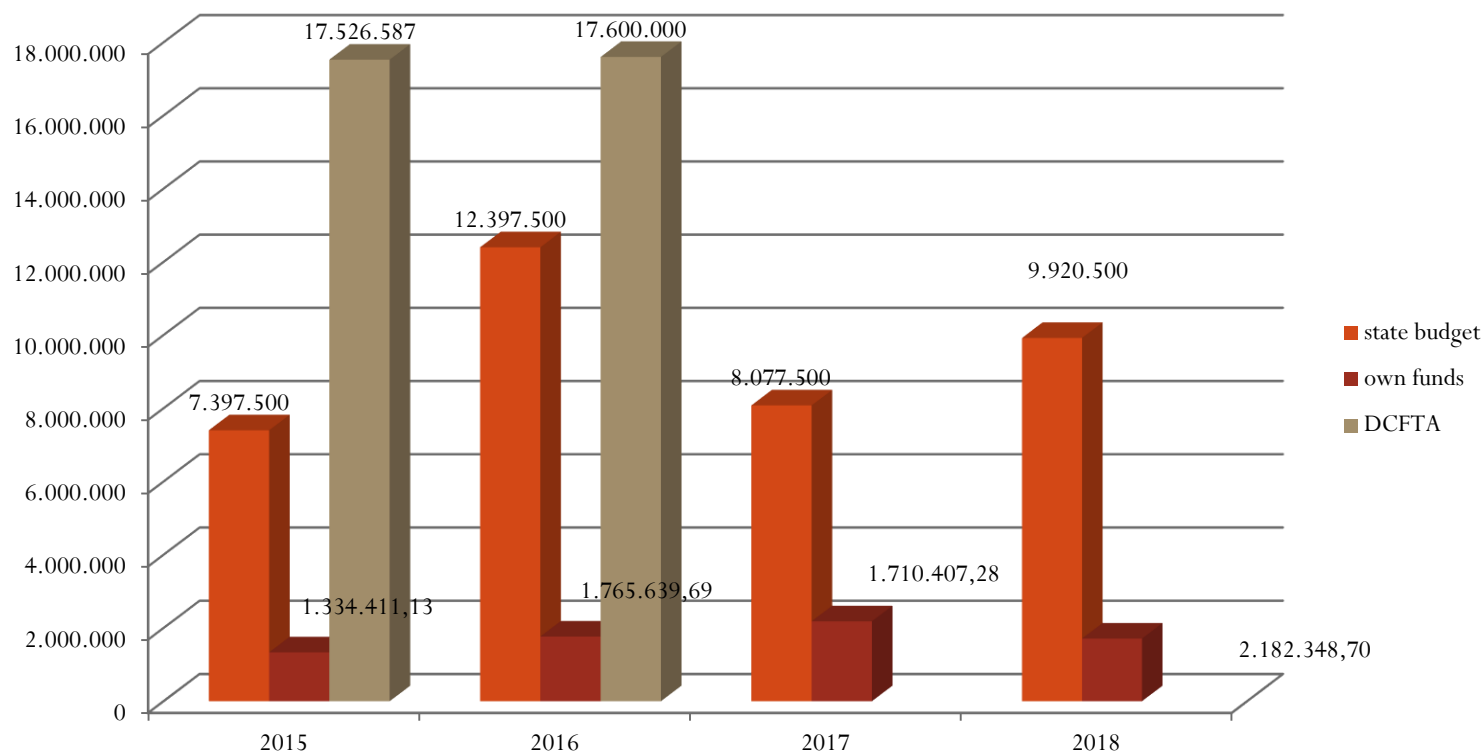
The competent staff plays a decisive role in the successful functioning of any quality system, and every laboratory of INM gives special attention to assuring the necessary level of staff competence.

For every calibration activity, qualified staff is designated according to the job description.

Specific tasks are delegated to the staff with appropriate studies, training, experience and demonstrated capacities.

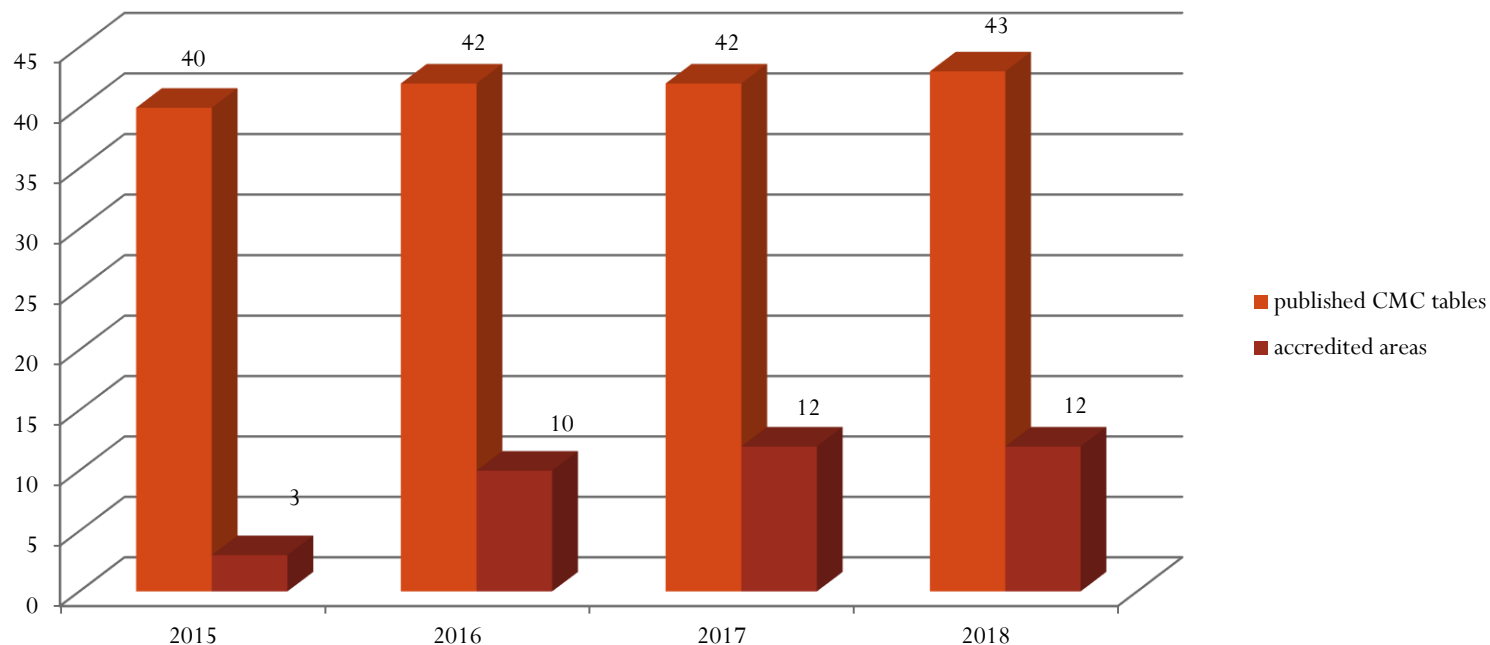


INM financing, in amount of 9 920 500 lei from the state budget, is foreseen in the Sector Expenditure Strategy (CBTM) in the field of Quality Infrastructure and is intended for the modernization and management of the National Measuring Standards Database (BNE), and participation in regional and international inter-comparisons.



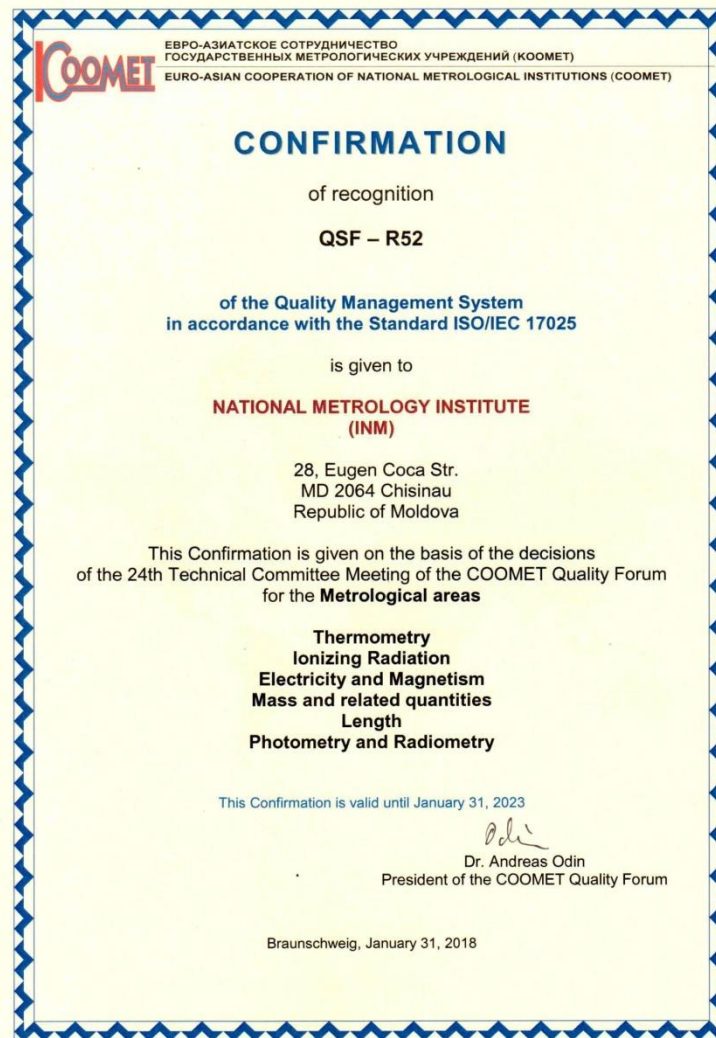
The INM laboratories provide calibration services in various measuring areas that are detailed in the Technical Fiches of the laboratories, which are a part of the Quality Manual.

The INM laboratory services are provided both to the laboratories that participate in the process of measuring units dissemination and to the end users of measuring instruments.



National Institute of Metrology also has a recognized Quality Management System by COOMET.

Confirmation of recognition QSF R52 of the quality management system in accordance with the standard ISO / IEC 17025.



The laboratories are equipped with metrological equipments, able to meet the requirements of national economy. As a consequence of the rapid development of technique, also in metrology field, NIM continuously aspires to increase the reliability in measurements performed, by means of modernization of the existing measurement standards and of purchasing new ones.

Our laboratories were equipped with new equipment, in the framework of the World Bank's project on the improvement of competitiveness, which gave the possibility to initiate researches regarding up-to-date existing measurement standards, create and declare new national standards in several fields.

National Institute of Metrology consists of 7 laboratories organized on measurement fields:

- ***Mass and Related Quantities Laboratory;***
- ***Electromagnetic, Time and Frequency Measurements Laboratory;***
- ***Dimensional Measurements Laboratory;***
- ***Temperature and Humidity Measurements Laboratory;***
- ***Volume and Flow Laboratory;***
- ***Physical-Chemical Measurements Laboratory;***
- ***Ionizing Radiations Laboratory.***

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