



**Forum: Metrology – Trade Facilitator  
Request for support**



**ALBANIA**

**Core Problem:**

- I Albanian metrology has inherited significant deficiencies from the past, mainly in having staff well qualified in metrology issues and activities. The main activity of Albanian metrology has been focused on legal metrology, concentrating on the field of mass, mostly in trade. Nowadays, economic development is expanding in the sectors of light industry, food industry, pharmaceuticals, construction, electricity (production, supply) etc. Various requirements coming from different sectors of industry; the elimination of technical barriers to trade have indicated the need for Albania's metrology service to be reviewed. The fulfilment of this task requires qualified people with relevant knowledge and skills in metrology. Here in Albania we do not have any expert who has studied or been trained in a metrology school. This lack of knowledge means that the development of metrology does not correspond to the needs. Thus, the education of at least two young people in a metrology school abroad is necessary.
- II The increase in the number of vehicles and the development of all economic sectors within the country have directly influenced the consumption of fuel. Thus, thousands of tanks of various capacities (100 m<sup>3</sup>; 5000 m<sup>3</sup> and 10 000 m<sup>3</sup>) have been built during recent years. GDMC is not able to fulfil all requests coming from different companies providing the calibration of tanks, since there is a lack of appropriate equipment for this purpose.

**Significance of the problem:**

- I The absence of staff qualified in western schools of metrology means that Albanian metrology is not able to follow the country's economic development, nor to fulfil its requirements. New technologies in health care, environmental protection and the food industry require a high level of metrology training. There is a requirement for expertise in measurements methods, the realization and maintenance of measurement standards, uncertainty evaluation, traceability chains, making metrology sector business plans, etc. It is well known that industrial and scientific metrology require a high level of knowledge and skill. The education of two Albanian people will also serve as an incentive for recruiting young staff to metrology structures, and ensuring their continued involvement in such structures is indispensable in renovating and rebuilding the national metrology system.
- II All parties involved in this process (importers, producers, transporters, consumers) demand and require that accurate measurements be assured at all times.

**What is needed:**

- I Education of two young Albanian experts for a period of at least one year on metrology issues. Qualified people will influence and be involved in the appropriate development of metrology within the country.
- II The appropriate equipment for the calibration of vertical fixed storage tanks.

**Contributions:**

- I We will take care of selecting two specialists who have graduated from University in Engineering and/or Physics.
- II The General Directorate of Metrology and Calibration will cover the expenses for the transportation of equipment and for taxes.

**Whom to address:**

**During the Forum:**

Mr. Agron Laçi / Mrs. Majlinda Hoxha  
General Directorate of Metrology and Calibration  
Ministry of Economy  
Albania

**After the Forum:**

General Directorate of Metrology and Calibration  
Street "Sami Frasheri" 33  
Tirana  
Albania  
Tel: +355 4 233174  
Fax: +355 4 233462  
E-mail: [metrology@san.com.al](mailto:metrology@san.com.al)