Physikalisch-Technische Bundesanstalt
Braunschweig und Berlin
Nationales Metrologieinstitut

TECHNICAL COOPERATION

Sub-Saharan Africa

Economic and Monetary Community of Central Africa (CEMAC)

Supporting regional metrology

german cooperation
DEUTSCHE ZUSAMMENARBEIT

Objective Reliable metrological services are available in the region and are regularly used.

Approach Following previous measures, the project focuses on three core areas. The first of these core areas consists in strengthening the capabilities of laboratories in diverse quantities in order to make basic metrological services available in the region. In this context, cooperation with the private sector is envisaged. In addition, basic and advanced training measures in metrology are improved in the region.
The second core area consists in supporting the relevant ministries in the member states when setting up national metrology systems by furthering regional exchanges as well as professional and organizational consultation in line with demand.
Thirdly, support will be provided to the regional metrology network, CEMACMET, in its function as a counsellor and coordinator for the development of a metrology system in the region.
The methodical approach is based on process-flanking, conceptional and organizational consultation of the partner institutions as well as on cross-border measures of basic and advanced training.

Impact A functioning metrology system is an important framework condition for the private sector to be able to do business successfully and is a prerequisite to participate in regional and global competition. Companies can only fulfil the requirements placed on their products if they can draw on reliable metrological services. The measure supports the development of the regional metrology system and regional economic integration by means of cooperation, division of labour and exchange within the CEMAC region. All these measures enable economic growth as well as revenue and employment opportunities for the local population.
The project thus contributes to attaining the global Sustainable Development Goals by contributing to ending poverty (Goal 1) and furthering long-term, inclusive and sustainable economic growth (Goal 8). In addition, positive impacts on consumer protection are expected in various fields due to the support provided to the relevant national ministries for the elaboration of application proposals for measuring instruments.

Cooperation The project is part of PTB's commitment in Africa, "Quality for Africa". Especially cooperation with other regional and pan-African PTB projects lead to synergy effects. Furthermore, the measure is also realized in close coordination with a regional, EU-funded project which is carried out by UNIDO and aims to support the quality infrastructure.

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