



## Quality Infrastructure for Sustainable Development – QuISP

**“Quality infrastructure – a network for building trust in trade”**  
QuISP is a unique training concept providing an introduction to quality infrastructure. Its purpose is to raise the awareness of young professionals working in fields related to trade negotiations and agreements. The course encourages the establish-

ment of lasting professional relationships between course participants and resource persons. This supports the exchange of information and experience for continuous advancement of quality infrastructure in the partner countries.

## What is quality infrastructure?

Quality is the degree to which products or services comply with existing requirements. The features of products and services are objective, measurable and legally or contractually defined. Proving that products and services are compliant with national and international specifications requires a consistent network known as a quality infrastructure. This network consists of various institutions that provide services to government, industry, businesses and consumers.

An internationally recognized quality infrastructure provides a basis for trade competitiveness in global markets, as well as for safety, healthcare, and environmental and consumer protection. It thus contributes to sustainable economic, ecological and social development.

## The training course

The blended learning course consists of two face-to-face workshops and a tutor-guided three-month e-learning phase. The kick-off workshop is held in the target region and aims at building teams, introducing the topic and identifying the course-related prerequisites and expectations, as well as preparing the participants for the e-learning section of the training course.

During the e-learning phase, five online chapters will be offered.

Chapter 1: Quality infrastructure: the system and its elements

Chapter 2: Quality infrastructure and trade

Chapter 3: A closer look at standardization

Chapter 4: Conformity assessment

Chapter 5: Metrology

Additionally, there is an online collaboration task specially designed to translate the course's content into practical know-how. During the entire e-learning phase, participants are accompanied and supported online by facilitators and experts.

After the e-learning section, the training concludes with a second face-to-face workshop, this time in Germany. This workshop includes presentations of training results, as well as expert lectures and excursions. After passing the final assessment and preparing a presentation to be given during the concluding workshop, participants obtain a certificate to confirm that

they have successfully completed the course. After the blended learning training course, both knowledge and networks will be consolidated in an online follow-up.

QuISP is developed by PTB in cooperation with DIN e.V. – the German Institute for Standardization – and financed by the Federal Ministry for Economic Cooperation and Development.

## Who can participate?

Each training course is offered to no more than 20 young professionals from institutions related to trade negotiations and agreements, such as ministries of trade, trade promotion organizations and chambers of industry and commerce. The training course is free of charge – however, participants are expected to dedicate time and effort to this training. Sponsorship for participation in the workshops can be offered to participants from partner countries of PTB International Cooperation.

## PTB – the national metrology institute of Germany

In Braunschweig and Berlin, time comes from atomic clocks, lengths are measured far into the nano-world, scientists conduct research on fundamental questions concerning the physical units and laboratory workers calibrate measuring instruments, meeting the most demanding requirements.

Taken together, these activities place the Physikalisch-Technische Bundesanstalt among the top names in metrology worldwide. As Germany's national metrology institute, PTB has been Germany's highest authority for over 125 years when it comes to correct and reliable measurements. It is the supreme technical authority of the Federal Ministry for Economic Affairs and Energy and employs a staff of approx. 1900.

## International Cooperation of PTB

For more than 50 years, PTB has shared its core competence in international development cooperation. It supports developing and emerging economies in the comprehensive field of quality infrastructure. PTB contributes to sustainable economic, social and ecological development. It is committed to the development policy of the German government and pursues international goals (Sustainable Development Goals, Paris Declaration).