



Republic of Rwanda



# RSB QUALITY ACADEMY PROFILE

Established in partnership with





# TABLE OF CONTENTS

1. About RSB Quality Academy	3
2. Objectives to be achieved by operating academy activities	5
3. The Academy's key components	6
4. The Academy to address key quality issues	8
5. The Academy performance targets	12
6. The Academy sectors of focus	13
7. The Academy course delivery modes	15

# 1. About RSB Quality Academy

As Rwanda advances toward a knowledge-based and high-income economy, there is a growing demand across all sectors for professionals with competencies in quality assurance, standards compliance, and related technical disciplines. However, access to specialized training remains constrained by a shortage of local providers, high costs of overseas training, geographical limitations, and rapidly evolving industry requirements.

To address these challenges, the Rwanda Standards Board (RSB), in line with its mandate to promote standards, quality infrastructure, and conformity assessment, is establishing the RSB Quality Academy. The Academy aims to strengthen national and regional capacity in standards and quality-related fields by providing accessible, cost-effective, and industry-responsive training solutions.

## The Academy will operate through a hybrid learning model comprising:

An E-Learning Platform for flexible and self-paced learning;



An Online Examination and Certification Centre; and



A Smart Classroom equipped with digital technologies to connect remote trainers and participants.



Built on the modern infrastructure developed under the KOICA Funded Project on Strengthening Industrial Standardization ICT Capacity (SISIC) project, the Academy will serve as a national resource and a regional center of excellence for quality and standards trainings. It will contribute to workforce development, industrial competitiveness, and the achievement of Rwanda's Vision 2050, NST2, AU Agenda 2063, and the Sustainable Development Goals (SDGs). Through digital learning technologies and international collaboration, the Academy will help bridge existing and emerging skills gaps across the economy.

## 2. Objectives to be achieved by operating academy activities

### 2.1 Overall Objective



By establishing RSB Quality Academy, the Government of Rwanda sets a sustainable national arm to build the capacity in the area of quality to serve the industrial needs serving also positions Rwanda as a regional center of excellence for standards, quality, and conformity assessment capacity development.

### 2.2 Specific Objectives



- ✓ Develop competencies in standards and quality infrastructure.
- ✓ Increase access to specialized training nationwide.
- ✓ Reduce dependence on overseas training.
- ✓ Support industry competitiveness and export readiness.
- ✓ Facilitate certification of professional competence to support the industry.
- ✓ Promote lifelong learning and continuous professional development.

## 3. The Academy's key components

The RSB Quality Academy is composed of the following:

### 3.1 E-Learning Platform

The Learning management system (LMS) platform will provide:



- ✓ Self-paced courses;
- ✓ Instructor-led virtual courses;
- ✓ Multimedia learning content;
- ✓ Digital certification;
- ✓ Learner performance tracking.

### 3.2 Smart Classroom - Remote Training Facility

The facility is equipped with 60 seats equipped with all necessary IT infrastructure and will support:



- ✓ Remote access to benchmarked industrial best practices;
- ✓ Hybrid learning;
- ✓ Virtual classrooms;
- ✓ International expert facilitation;
- ✓ Course live streaming;
- ✓ Industry exchanges;

### 3.3 Smart Classroom & Online Examination and Certification Centre

The center will provide:



- ✓ Secure online examinations;
- ✓ Remote invigilating;
- ✓ Professional certification examinations;

## 4. The Academy to address key quality issues

### 4.1. Growing Demand for Competence Development for the Industry

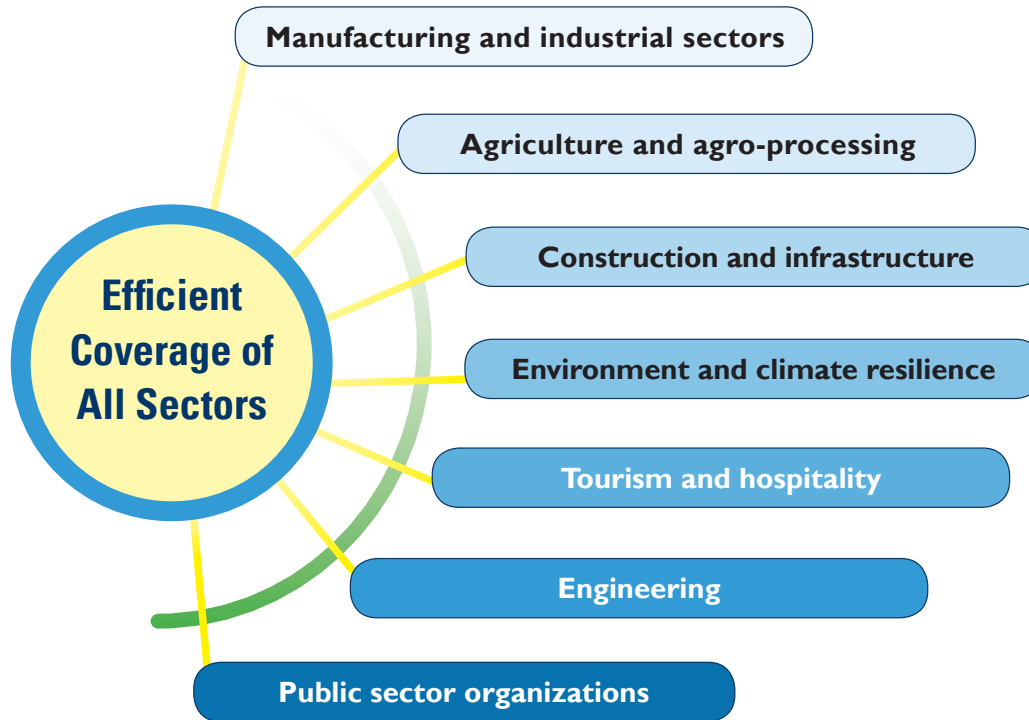
All sectors of Rwanda's economy increasingly require knowledge and application of standards and quality management systems. New regulatory requirements, export market demands, industrial growth, technological innovation, and sustainability commitments continue to generate increasing training needs to support the industrial growth.

The Academy will address these needs by providing continuous professional development opportunities aligned with national priorities aiming at achieving the industrial growth targets.



## 4.2. Efficient Coverage of All Sectors

The Academy will provide a centralized training mechanism serving among others:



The use of digital learning technologies will allow simultaneous reach to learners across the country and beyond.

### 4.3. Reduction of Overseas Training Costs

Currently, substantial resources are spent on sending personnel abroad for specialized training and certification of competence programmes. Further, the Country spent a lot to onboard foreign experts to come to Rwanda to provide trainings that are required by the industry.

The Academy will significantly reduce these costs by:

- ✓ Connecting international experts to local audiences through remote learning systems;
- ✓ Organizing virtual masterclasses and certification courses using RSB Smart Classrooms;
- ✓ Facilitating hybrid learning environments using RSB Smart Classrooms;
- ✓ Providing online examinations and assessments;
- ✓ Reducing travel, accommodation, and subsistence expenditures usually invested in trainings.

This approach will increase accessibility while maintaining international quality standards.

#### 4.4. Maximization of Existing Infrastructure

The Academy will optimize utilization of the training facilities established through the SISIC Project while extending reach through digital platforms.

This ensures greater efficiency in resource management and creates a sustainable mechanism for continuous capacity development.

#### 4.5. Supporting the Sustainable Development Agenda

The Academy directly supports Rwanda's industrial development, export competitiveness, human capital development, private sector growth, innovation, and technology adoption, contributing to the achievement of NST2 targets and Vision 2050's goal of building a globally competitive, knowledge-based economy.

It also aligns with the Sustainable Development Goals (SDGs), particularly SDG 4 (Quality Education) by providing industry-responsive standards training, SDG 8 (Decent Work and Economic Growth) by developing quality professionals, and SDG 9 (Industry, Innovation and Infrastructure) by strengthening the availability of skilled experts to support industrial and technological development.

#### 4.6. Empowering youth and women entrepreneurs

Trainings provided by RSB Quality Academy will prioritize the empowerment of youth and women entrepreneurs and position youth and women professionals to compete on the labour market.

## 5. The Academy performance targets



## 6. The Academy sectors of focus

The Academy will operate on a shared utilization model to support all key stakeholders using standards in their daily activities classified in below categories:

- ✓ Industry and SMEs;
- ✓ Enhanced private sector collaboration through professional associations;
- ✓ Local Quality Professionals;
- ✓ Government institutions including organizations under National Quality Infrastructure;
- ✓ Regional organizations;
- ✓ Development partners.
- ✓ Education sector.

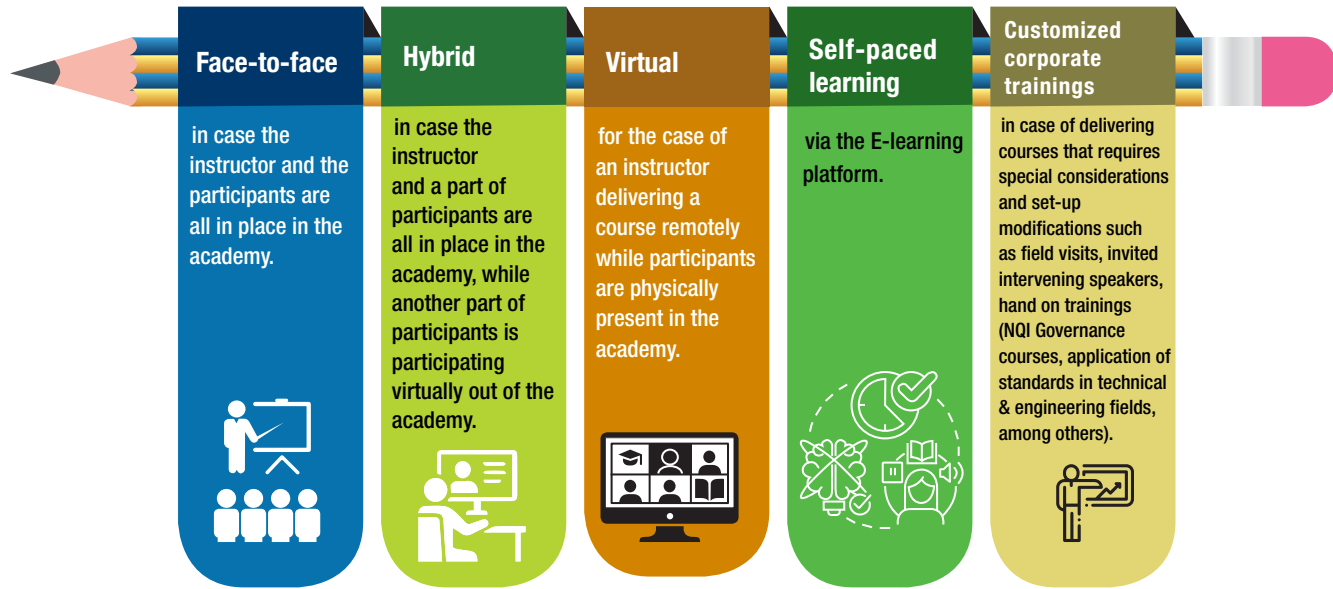
Regardless of the audience, the trainings to be provided in the academy will mainly focus on the following contents among others:

- ✓ Integration of quality and safety requirements in product formulation and process design in determined priority sectors;
- ✓ Sector Specific guidelines and code of practices on quality and safety in different value/supply chains;

- ✓ Food hygiene best practices in food industry;
- ✓ Quality and safety management along the supply chain;
- ✓ Environmental compliance along the supply chain;
- ✓ Certifiable training programmes for NQI professionals (Quality Auditors and Trainers, Quality Managers in Industry, Laboratory Analyst, Metrologists, Laboratory Assessors, Quality Inspectors, International Standardization Experts);
- ✓ International standardization and trade facilitation;
- ✓ Quality infrastructure (Governance);
- ✓ Health and Safety at work place;
- ✓ Energy management;
- ✓ Technical regulations and trade;
- ✓ Professional based training content for certification purpose (plumbers, welders, electricians, GMP practitioners in pharma and biotech industry, environmental professionals, engineering professionals applying standards in their field of activities).
- ✓ Standards for sustainability and inclusiveness (circular economy, waste management, water re-use, biodiversity conservation, climate resilience and gender equality among others)
- ✓ Standardization and digital transformation;
- ✓ Etc...

## 7. The Academy course delivery modes









Depending on the targeted audience and objectives to be achieved, the following modalities will be used to deliver trainings in RSB Quality Academy:





## Rwanda Standards Board

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