NTVQF Management Information System

International Labour Organization
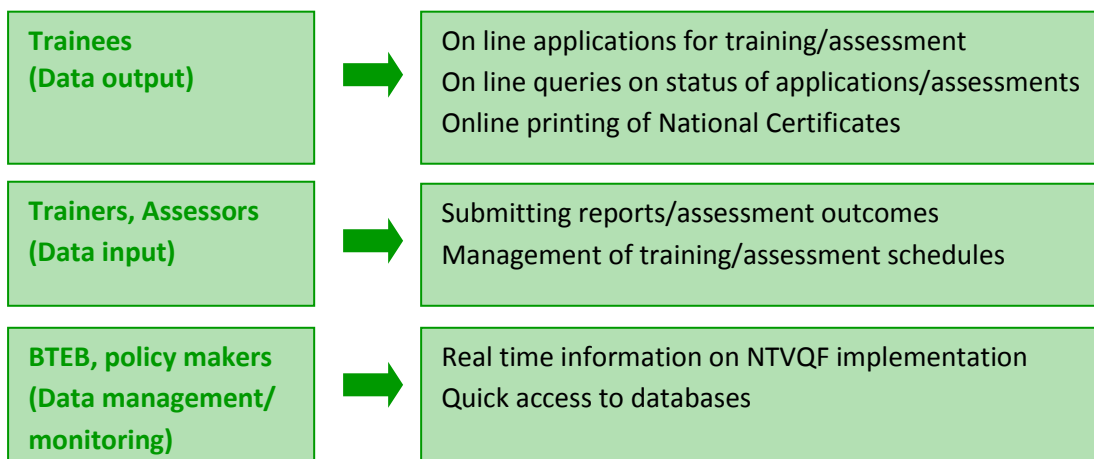
European Union

CONCEPT OVERVIEW

The National Training and Vocational Qualifications Framework Management Information System (NTVQF MIS) is an **easy-to-use online platform** which will provide the Bangladesh Technical Education Board and everyone involved in skills development with quick access to information about skills in Bangladesh. The NTVQF MIS will:

1   **Streamline and automate** training, assessment and certification processes
2   **Enhance transparency** through the **real time monitoring** of training, assessment and certification activities
3   Ensure this information is easily accessible to all stakeholders to aid **efficient decision-making**.

The NTVQF MIS will ensure the effective implementation of NTVQF programs. The system will include regularly updated databases of **Registered Training Organizations, Accredited Assessment Centers** and **Registered Competency Assessors**. It will allow for **online registration of trainees and candidates for assessment**, as well as display a registry of trained, assessed and certified workers.

The NTVQF Management Information System is an initiative of the TVET Reform Project, implemented by the Government of Bangladesh with the support of the ILO and funded by the European Union. The project is working towards reforming technical and vocational education and training in Bangladesh.

HOW IT WILL WORK FOR YOU

The NTVQF MIS is intended for three levels of users:

Trainees (Data output)	On line applications for training/assessment On line queries on status of applications/assessments Online printing of National Certificates
Trainers, Assessors (Data input)	Submitting reports/assessment outcomes Management of training/assessment schedules
BTEB, policy makers (Data management/ monitoring)	Real time information on NTVQF implementation Quick access to databases

WHY IT IS NEEDED

Management of information plays a **vital role** in ensuring the success of Bangladesh's skills development system. An important part of quality control is ensuring **quality data**. It is imperative that, among other types of data:

1 The **progress of students** towards nationally-recognized qualifications is accurately recorded and the results are available to them.
2 The **progress of teachers, trainers and instructors** towards certification and national registration is accurately recorded and the results available to them.
3 The **progress of training institutions** towards becoming Registered Training Organisations is accurately recorded and the results available to them.

If the activities of the stakeholders in the skill development system in Bangladesh are not coordinated, understood and accessible, then government, students, workers, donors and other stakeholders cannot make **quality, informed decisions**.

Currently, the system used for managing information is paper-based, which means that information gathering and information reporting are time-consuming activities for all involved. The system encourages centralization, because all information is housed in a single location which people must go to if they want to submit or retrieve information. Paper-based systems also mean that quick or extensive distribution of information takes vast amounts of time, resources and manpower.

The MIS will **vastly improve the productivity and customer service capacity** of the Bangladesh Technical Education Board by reducing lengthy work processes, standardizing procedures and decentralizing information by making it available to stakeholders online.

THE SYSTEM IN ACTION

Interest	An unskilled worker decides to learn a skill and speaks to a local training institution to find training that they are interested in.
Enrollment	They enroll in a training course online on the MIS.
	The training institution sees the enrolment application on the MIS and approves it, which sends an automatic approval letter to the worker.
Training/ Assessment	The worker learns skills and wants to be assessed – so they apply for assessment on the MIS.
	A local assessment centre sees the application and assigns an assessor.
	The worker undertakes assessment and the assessor posts the results on the MIS.
Certification	If they are deemed competent, the worker can then print their certificate from the MIS. If they are not, they are shown where they need to improve and how to do that.
Planning/ management	The worker's results are added to national lists of skilled workers available in Bangladesh, which policy makers can then use to guide nation-wide skills planning.

(Left) Student, assessors and Bangladesh Technical Board staff in the welding workshop at Barisal Technical School and College.

FURTHER INFORMATION

To get skilled and get involved in skills development in Bangladesh, contact the TVET Reform Project at ILO Dhaka via email using **tvetreform@ilo.org**, on the web: **ilo.org/tvet** or visit the Bangladesh Technical Education Board (BTEB) on the web: **http://www.bteb.gov.bd/**