



# Instructor training in Morocco.

North and West Africa struggle with high youth unemployment. In this context, TÜV Rheinland Academy was commissioned with developing new curricula and qualifying instructors in the field of heavy machinery.

## Data and facts

Client	UNIDO
Period	August 2015 – February 2016
Site	Morocco
Services	Curriculum development and instructor training

## INITIAL SITUATION AND REQUIREMENTS

Although 30 % of the population in Morocco is between 15 and 29 years old, companies have difficulties finding qualified employees, which severely limits the country's productivity. In order to promote economic growth and stability and, at the same time, combat unemployment and poverty, it is important to train young people better. However, the current vocational education system no longer meets the requirements of the economy which is heavily theory based. TÜV Rheinland Academy's task is to develop new curricula that reflect the needs of the construction industry, where the maintenance and operation of excavators, crawlers, and similar heavy equipment require the latest technical skills.

## SOLUTIONS, RESULTS

A heavy plant mechanic is a tradesperson who possesses the full range of knowledge, abilities and skills required to repair, maintain and operate stationary and mobile heavy duty machinery used in the construction and road building industry. To qualify trainers in the field of heavy machinery maintenance, the modules and content were first redefined. The multipliers were then qualified with comprehensive train-the-trainer programs. This, in particular, improves knowledge of modern systems and heavy machinery. This project is also aimed at students from Côte d'Ivoire and Senegal in order to promote competence development throughout North and West Africa.

### YOUR BENEFITS



Training programs at TÜV Rheinland Academy in the field of Technical and Vocational Education and Training (TVET) close the technical education gap between state school-leaving or higher education qualifications and the professional requirements of industry. As an internationally experienced partner in the development of technical skills, TÜV Rheinland Academy is precisely the right solution provider. By implementing the dual system based on the German model, we ensure that education and professional life work hand in hand at local vocational schools. In this way, existing and new employees grow into specialized tasks in a targeted and future-oriented manner.

### DID YOU KNOW...?

The main pillars of the Moroccan economy are mining and agriculture. In addition, phosphate extraction is becoming increasingly important for the chemical industry. About 75 % of the phosphate produced worldwide now comes from Morocco. The most important political task, however, is to shift energy production from fossil fuels to renewable energies, which should cover half of the country's electricity consumption by 2030. With foreign support, large wind and solar energy projects are currently being initiated.

## ABOUT TÜV RHEINLAND ACADEMY

In times of emerging markets and increasing demand for skilled workers, technical expertise requires a reliable companion. With branches all over the world, TÜV Rheinland Academy is the international institution for technical and professional expertise in all important subject areas. We impart and verify specialist knowledge in precisely the right way. Our innovative training solutions range from individual training courses to customized personnel development concepts. In this way, we comprehensively strengthen the technical skills of participants all over the world.

## FIND OUT MORE ABOUT OUR TRAINING PROGRAMS!

[ONLINE CONTACT](#)

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