

TECHNICAL VOCATIONAL EDUCATION AND TRAINING FOR THE AGRICULTURE SECTOR (TVET)

DECEMBER 2017 – DECEMBER 2020

FUNDED BY:

NORAD \$1,800,000



TARGETS

PEOPLE SUCCESSFULLY COMPLETING TRAINING PROGRAM: **408**

MODEL FARM PROFITABILITY: **3 YEARS**

TVET FOR AGRICULTURE

According to the World Bank, only 6 percent of the Mozambique workforce reaches the level of vocational or tertiary education. This causes a large employment recruitment gap for the agriculture sector, which drives many firms to bring in foreign labor. To address a critical need for locally trained staff, the TVET project establishes a vocational training institute at the Instituto Superior Politecnica de Manica (ISPM) facilities in Manica province, Mozambique, which will provide technical, vocational and professional training to the agricultural sector – primarily agribusinesses in Manica province, but also to other stakeholders throughout the country such as staff from NGOs, government and other public sector organizations.

The curricula for these courses is designed and delivered with private sector partners, such as John Deere/Lonagro (tractor operator courses) and Yara Fertilizers (crop nutrition courses), in addition to a range of other technical courses such as basic mechanical skills, irrigation systems, pump maintenance, Climate Smart Agriculture, pest management (e.g. the Fall Army Worm) and others.

TVET has two main objectives:

1. Increase the practical and technical capacities of the agricultural workforce through the completion of vocational training courses
2. The establishment of a Model Farm, to serve as an educational/demonstrational tool for the training center, as well as an additional source of income



Demonstration farms, like this one in Chimoio, Mozambique as part of the PROMAC project, are key to practical training for farmers



Norad



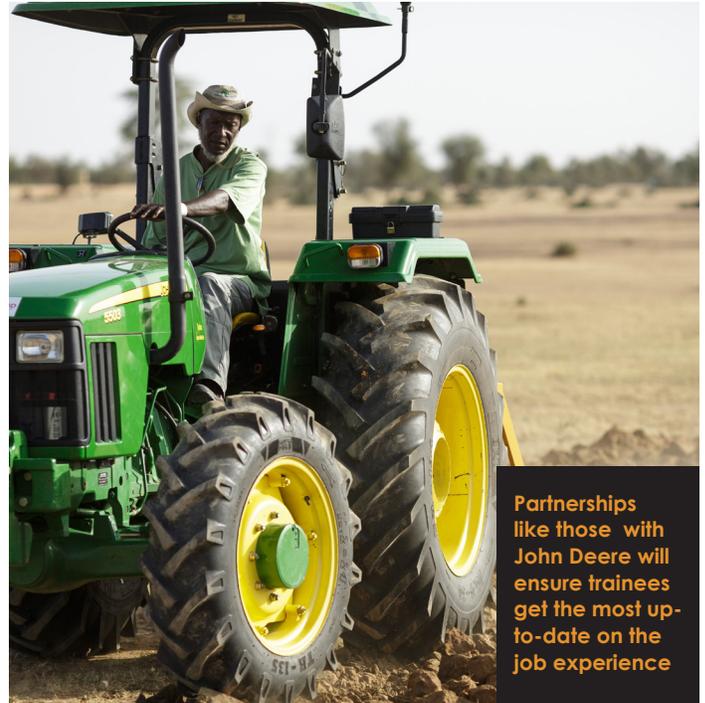
PUBLIC-PRIVATE PARTNERSHIPS BOLSTER TECHNICAL TRAINING

Unlike most existing vocational and professional training institutes in Mozambique, TVET focuses on short, technical courses that are directly linked to private sector demand (at present, most colleges offer longer courses of around 6 months or more). This allows the private sector and other clients to release their staff for short periods of time in order to be trained in specific skills and competencies, in addition to ensuring that the college's fee structure is adequately placed for the market.

Engaging the private sector as a key player in curricula development and course delivery ensures that students are trained in the use of up-to-date techniques, technologies, equipment and inputs, but it also serves as a marketing tool for private sector partners. For instance, Lonagro Mozambique (agents for John Deere) have committed to supplying the college with an equipment "starter kit" consisting of a 45 HP tractor, direct seeder, rip on row package, trailer and other associated equipment.

The project is also ensuring that public stakeholders have access to high quality training. With course subsidies, staff from the district level Mechanization Parks, local SDAE (District Services for Economic Activities), and other government departments can benefit from courses.

As a practical teaching tool for the college's vocational course, in addition to the ISPM's existing agronomy degrees, the Model Farm will serve as a demonstration site. The primary value chain training includes techniques working with high-value crops such as irrigated seed production, baby corn, tomatoes and other vegetables. These value chains not only represent higher income for the farm, but also provide practical ways to train



Partnerships like those with John Deere will ensure trainees get the most up-to-date on the job experience

on a wide range of techniques for students. The Model Farm will also receive the ISPM's agronomy students as part of organized internships, who under the supervision of the Model Farm's Farm Manager and Assistant will be responsible for the farm operations.

Providing a hands-on, practical, private sector focused curriculum that is accessible for working professionals will immediately address the critical need for agriculture training in Mozambique. Supporting the local agribusiness sector's goal to hire locally and improve the knowledge and skills of the local agriculture labor force as well as government agriculture partners, the TVET institute will have ripple effects through extension networks and the entire agriculture sector.

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