



OUR WORK

This brochure would like to give you a short glance of the recent projects of Tandia Foundation – promoting health and education in Tanzania. Seven years after our founding much has already been achieved together. During our activities all parties, such as village community, church, health committee and the District Medical Office, are consulted. The opinions of our local partners are valued and taken into account at every step of the process.

On behalf of the board I would like to sincerely thank our members, partners and sponsors for the support and trust during the past years.

Our thanks go to the hospital partnerships initiative, which funded the One Health project and the ultrasound project. All activities were carried out in close cooperation with our partners in the Monduli district hospital. Many thanks go to District Medical Officer Dr. Edward Lengai and his team.

Furthermore, I would like to thank the Hessian Ministry for Economic Affairs, Energy, Transport and Housing for financially supporting our activities in the Selela village. There is no question that as a result the quality of mother-child health services as well as the care given to other patients have improved significantly. We have achieved all of this together with the people of Monduli district. The success and appreciation of our work confirms our approach and motivates us to continue in this spirit.

Regina Meißner
Chair Person



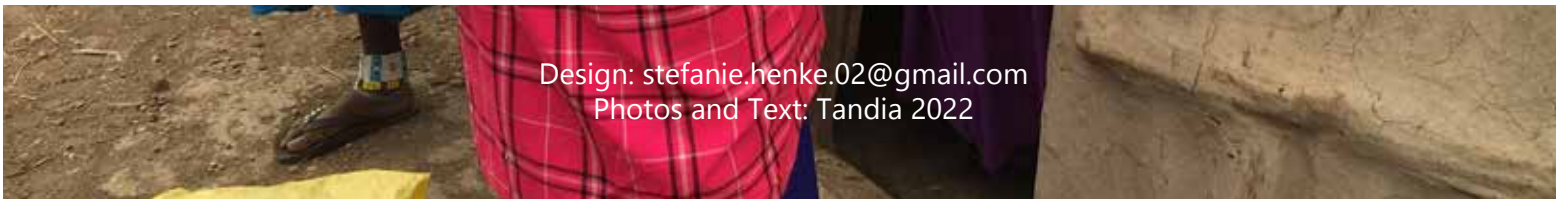
Map of our places of action



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Our Focus:
**STRENGTHENING MOTHER-CHILD-HEALTH
IN MONDULI DISTRICT**



Tandia projects
2020-2022

ULTRASOUND: MODERN NON-INVASIVE DIAGNOSTICS FOR THE DISTRICT HOSPITAL



The main goal of this project is strengthening the health care for pregnant women and their unborn children, consequently leading to a reduction of perinatal complications and deaths.

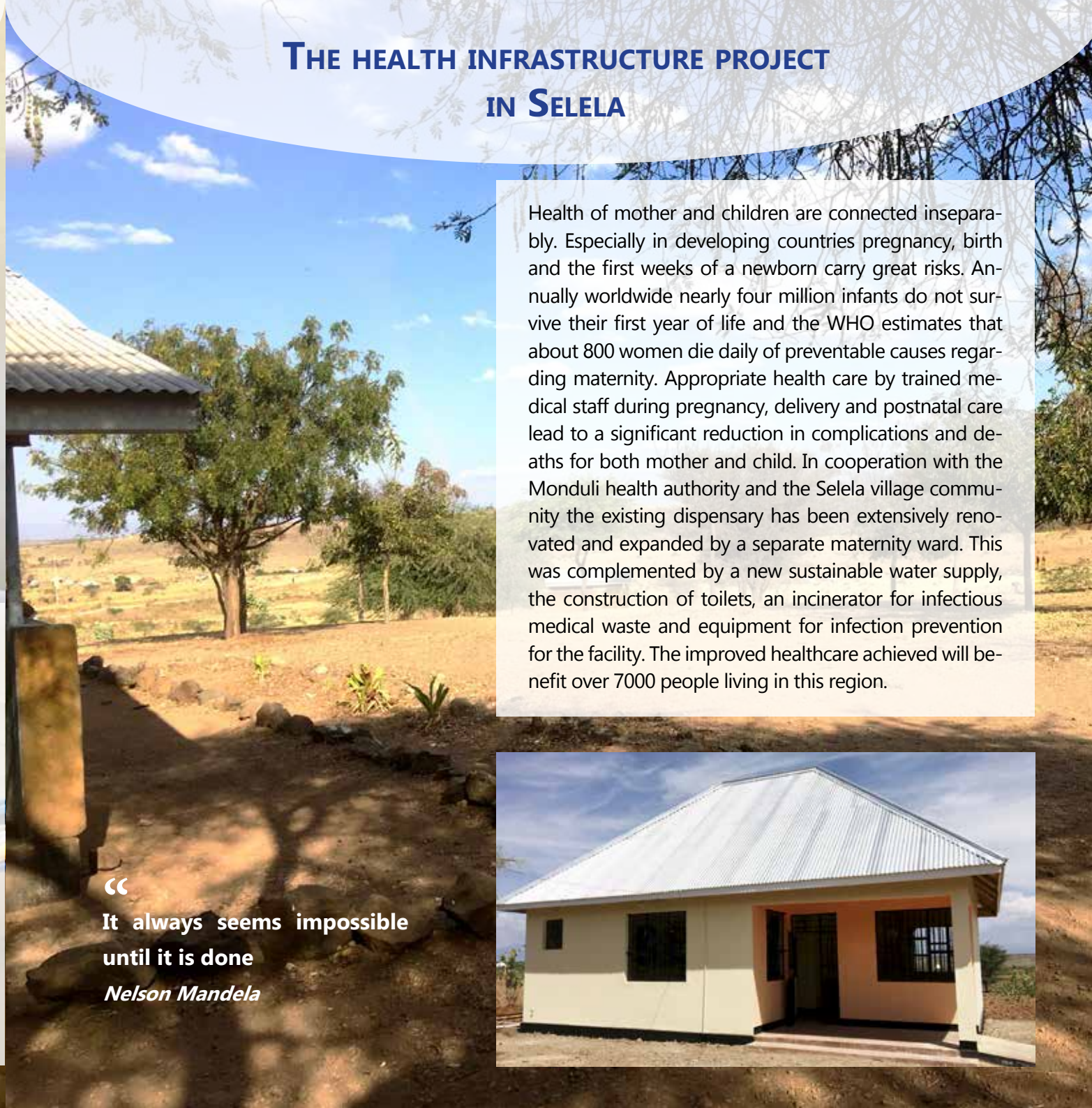
Ultrasound diagnostics (sonography) has become indispensable in modern medicine. Organs and tissues can be reliably assessed without the exposure to harmful radiation. Even though it has been used in developing countries for many years, most of the expensive devices can only be found in hospitals at regional or university level.

The old ultrasound machine that we inspected at the district hospital in Monduli was due to a long list of defects seriously impaired. Until then only one doctor

at the hospital had the relevant diagnostic expertise. As soon as this colleague was not on site, investigations could not be carried out. Despite these challenges several women with life-threatening tubal pregnancy have been rescued by the ultrasound diagnosis, as reported by the doctor. The project presented here is of great value for the hospital and its patients. It did not only include the purchase of a modern ultrasound device, but also training of medical staff.

A suitable machine was purchased from a Tanzanian company in Dar es Salaam and transported to Monduli in July 2021. After being installed by the GE Healthcare technician seven clinical employees, received intensive theoretical and practical training for five weeks by an experienced medical doctor and radiologist.

THE HEALTH INFRASTRUCTURE PROJECT IN SELELA



Health of mother and children are connected inseparably. Especially in developing countries pregnancy, birth and the first weeks of a newborn carry great risks. Annually worldwide nearly four million infants do not survive their first year of life and the WHO estimates that about 800 women die daily of preventable causes regarding maternity. Appropriate health care by trained medical staff during pregnancy, delivery and postnatal care lead to a significant reduction in complications and deaths for both mother and child. In cooperation with the Monduli health authority and the Selela village community the existing dispensary has been extensively renovated and expanded by a separate maternity ward. This was complemented by a new sustainable water supply, the construction of toilets, an incinerator for infectious medical waste and equipment for infection prevention for the facility. The improved healthcare achieved will benefit over 7000 people living in this region.

“
It always seems impossible until it is done
Nelson Mandela

ONE HEALTH PROJECT



The One Health approach recognizes the connection of human health with the health of animals and the surrounding environment, thus combating outbreaks of zoonoses (diseases, where animal to human transmission occurs, such as Anthrax) and arising epidemics.

In Monduli which is among the pastoral districts of Northern Tanzania, significant parts of the population live closely with their animals and are therefore at increased risk of zoonoses. As part of the project two awareness campaigns were conducted. During several days health teams reached out to remote communities and educated 23 schools and six municipalities regarding hygiene and public health. Because of the coronavirus pandemic additional material for infection prevention was distributed. More than 30 health facilities,

including the district hospital and two large health centers, received consumables for hygiene measures and personal protective equipment. In anticipation of severe COVID-19 cases the purchase of oxygen cylinders was financially aided, which fortunately have not been needed to treat patients in Monduli district.

In December 2020 45 health workers took part in the „epidemic preparedness and outbreak control“ training, which was carried out together by Tandia and the DMO. Another three-day training focused on the increasingly spreading antibiotic resistance, which is also relevant within the One Health context. Since 2017 Tandia and its partners have educated more than 300 health workers (clinicians, doctors and assistants) in disease prevention and treatment.