

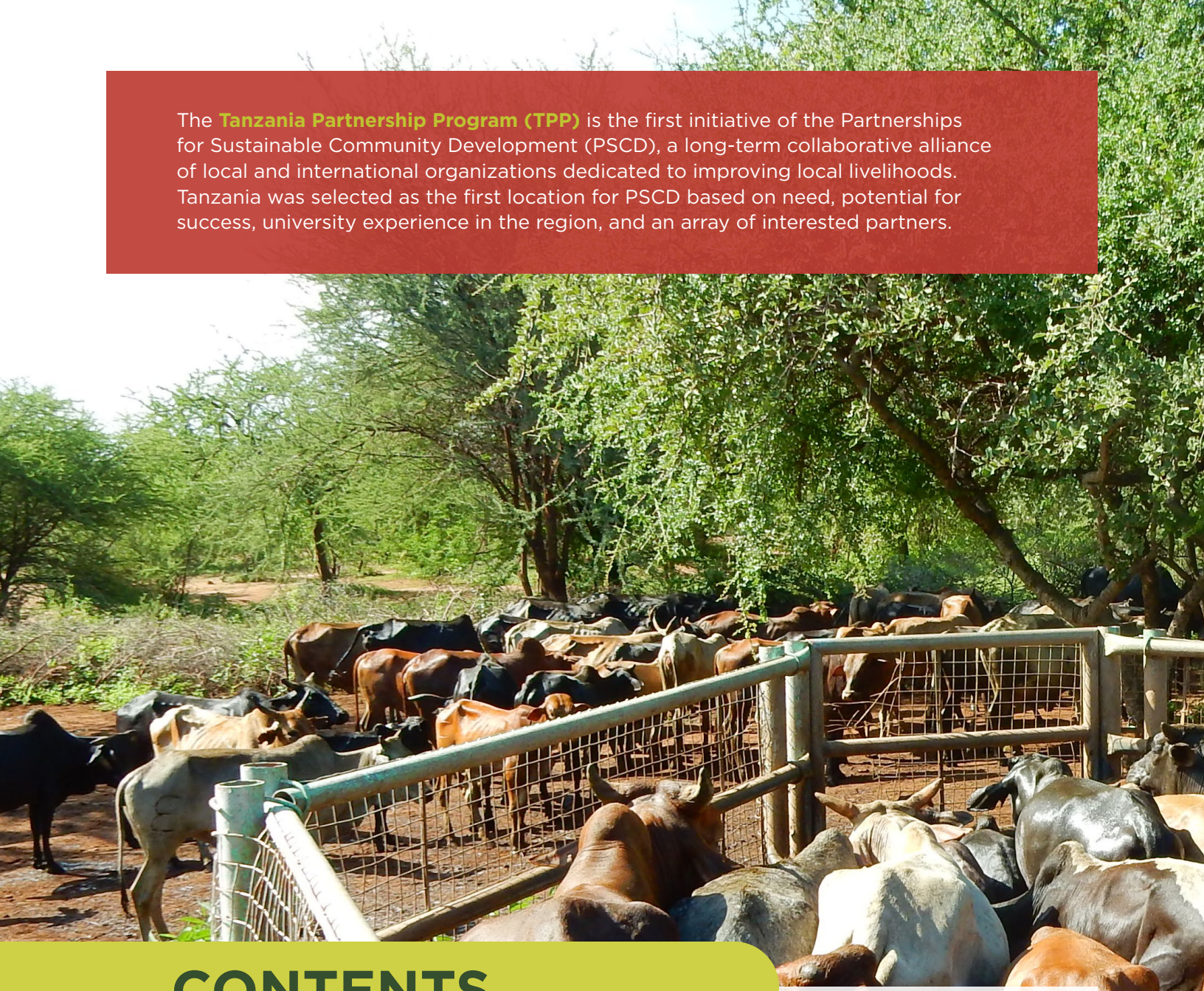
Tanzania

PARTNERSHIP PROGRAM

2021 Annual Report

MICHIGAN STATE UNIVERSITY

The **Tanzania Partnership Program (TPP)** is the first initiative of the Partnerships for Sustainable Community Development (PSCD), a long-term collaborative alliance of local and international organizations dedicated to improving local livelihoods. Tanzania was selected as the first location for PSCD based on need, potential for success, university experience in the region, and an array of interested partners.

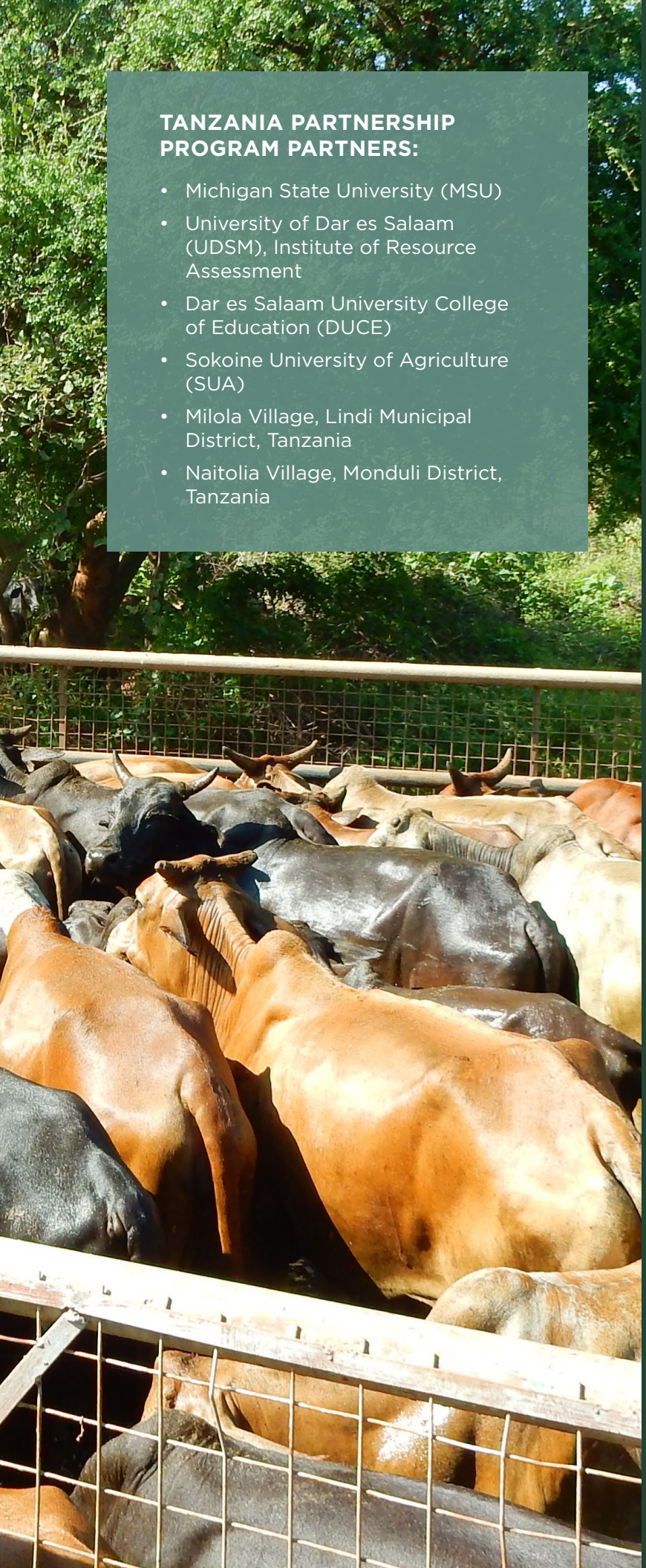


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Above:
Cows partaking in dipping activity

Front cover:
Professor Mellau directing a community training



TANZANIA PARTNERSHIP PROGRAM PARTNERS:

- Michigan State University (MSU)
- University of Dar es Salaam (UDSM), Institute of Resource Assessment
- Dar es Salaam University College of Education (DUCE)
- Sokoine University of Agriculture (SUA)
- Milola Village, Lindi Municipal District, Tanzania
- Naitolia Village, Monduli District, Tanzania

Our Mission

To find long-term solutions, build capacity and create collaborations that promote resilient and sustainable communities. To unite development, education and research that boldly pushes the frontiers of knowledge and the role universities play in transforming local communities and the lives of individuals.

Our Goal

Promote resilient communities in Milola and Naitolia, Tanzania, and create a model for sustainable prosperity.

Our Strategy

Acknowledge interdependency and create long-term partnerships among local communities, governments, non-governmental organizations, private corporations, universities and invested individuals to address local challenges and respond to emerging opportunities in economic development, food security, public health, education and community empowerment.

Core Principles

Ensure Sustainability: Increase community strengths, enhance community resiliency and promote community empowerment while maintaining economic well-being, environmental health and social equity.

Commit to an Integrative Approach: Remove the barriers that separate research, education and development to create a dynamic and synergistic relationship.

Engage in Interdisciplinary Research: Draw on a range of disciplines and perspectives to address the interrelated and complex nature of challenges faced by communities in the developing world.

Promote Participation: Unite the knowledge, skills and experiences of villagers, local government officials, researchers and development professionals to expand understanding, enhance responsiveness and improve practice.

Adaptive Learning: Focus on a process that continually improves research, education and development activities and involves villagers, scholars, development professionals and local government.

Establish Long-Term Commitments: Create relationships based on mutual trust that welcome research and innovation and are responsive to new challenges.

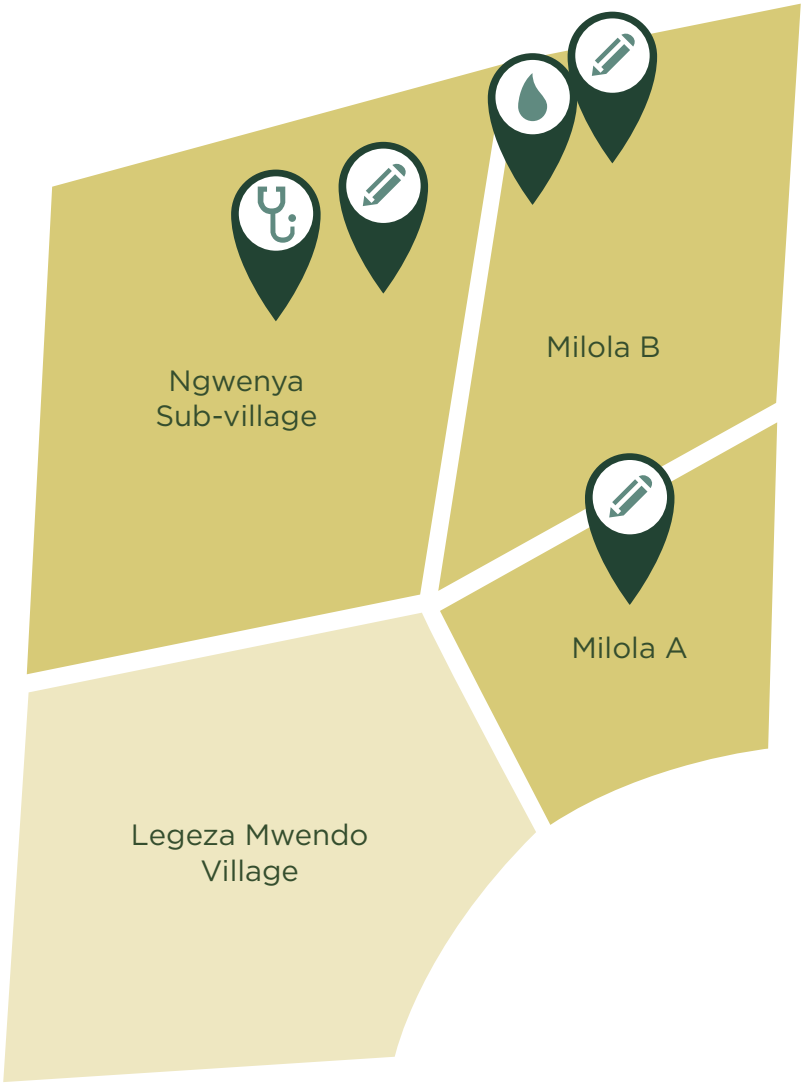
Milola Village



Milola is located in Lindi Municipal District about 60 kilometers inland and is actually two villages—Milola A and Milola B. Approximately 6,000 people live in Milola A and B. The main ethnic groups are Mwera, Ngindo, Makonde and Yao. Ninety-two percent of households earn a living by growing sesame, rice and maize on small farming plots. Due to limited inputs and market access, agricultural production is low. Chicken-raising has been introduced as a way to generate and improve food security. A small clinic in the sub-village of Ngwenya is helping to ensure that the community has access to basic health care. TPP continues to work with the community and partner organizations to complete construction and operations for the Milola Girls Secondary School Dormitory. The regular presence of DUCE student teachers in Milola schools has improved the quality of education. Reading, writing and arithmetic lessons for adults are being facilitated by a UDSM student teacher who specializes in adult education.

FEATURED 2021 PROJECTS

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TPP team members meeting with MWEDO representatives to tour MWEDO Secondary School

Girls Dormitory Programming and Operations

In August 2017, TPP began construction on the Milola Girls Secondary School Dormitory to address the lack of safe and secure housing near the school. This year TPP collaborated with the Maasai Women Development Organization (MWEDO) to ensure that the dormitory has quality programming. TPP was able to meet with staff of MWEDO Girls Secondary School to learn about safe and sustainable dorm operations. TPP's Animal Health Team completed the design of the chicken-raising project—an important tool in creating a nurturing dorm environment and building students' leadership skills. TPP has developed strong operational guidelines and supportive programming for the dormitory, which is scheduled to open fall 2021.

Welcome Odilia Samwel Mkai

To support programming at the girls dormitory, TPP hired a second village-based officer for Milola—Odilia Samwel Mkai. Odilia comes to this position with professional experience in poultry production. She holds a bachelor's diploma in Tropical Animal Health and Production from SUA. In her new role, Odilia will assist TPP in the development and coordination of the chicken-raising and garden projects at the dormitory.



Village-based officer, Odilia Samwel Mkai, in Milola



Water pipes being transported to Lindi for Milola water network expansion to the girls dormitory

Expanding Water Access to the Girls Dormitory

Access to clean water and sanitation is crucial for maintaining good health and hygiene. To ensure the girls dormitory has reliable access to water, TPP worked with the Milola community and Lindi Municipality National Rural Water Supply and Sanitation Agency to rehabilitate and expand the Milola water supply system. The main gravity water line was rehabilitated by installing new air valves and gate valves to improve gravity water flow to the Milola community and the Milola Secondary Girls dormitory. Through the construction and installation of a new water pump, pipes, and tanks, the girls dormitory has multiple access points to clean water. The water provided to the dormitory will be used for drinking, food preparation, sanitation and hygiene.

Increase in Dormitory Capacity

Prior to completing the girls dormitory, TPP took significant steps to increase its capacity. As more female students in Milola sit for and pass the national Primary School Learning Examination, the demand for secondary school housing for girls in Milola has grown. The girls dormitory can now sustainably house and support 72 students—a 40% increase from the original design.



Students at the Milola Girls Secondary School Dormitory



Community members participating in TPP's adult education classes

Adult Education for Development

Adult education is beneficial for individuals and communities as it empowers them to develop the skills necessary to experience increased personal and financial success. Milola community members who participate in TPP's Adult Education Program have demonstrated improved reading, writing and arithmetic skills, which has contributed to their success. This increased knowledge has also greatly impacted the community's support for and involvement in the adult education program. Due to the success of the program, this year the program was expanded to offer classes at Milola B Primary School and Legeza Mwendo. TPP is also in the process of opening classes at Mkangaulani, Milola A and Kijiji Mtoto Center.

Adult Education Student Profile
Ally Mohamed Maapula

Ally Mohamed Maapula is a community member and business owner who participates in the TPP adult education program. Since joining the program, Ally has learned to read and write. These skills are helping Ally grow his transportation business as he can now communicate with customers through text messaging. With support from the program, Ally hopes to improve his writing and learn basic arithmetic.





Member of TPP's Girls Mentoring Club attending Kilakala Girls School

Generating Student Success

Teacher professional development training provided by TPP faculty has continuously contributed to the success of primary school students within the Milola communities. This success is greatly due to the strengthening of teachers' skills and providing a higher standard of education to the students. The positive impact of the training was evident when eight of the 11 Ngwenya Primary School students passed the standard seven examination after participating for the first time. A member of TPP's Girls Mentoring Club—a student from Milola A—also passed her examinations with the utmost success, leading her to be invited to attend the highly regarded government school, Kilakala Girls School.

Student-Centered Approach
DUCE Student Interns

TPP worked with student interns from the DUCE College of Education to teach students at the Milola Secondary School. The interns worked with local teachers to implement a student-centered teaching approach. This technique engages students in their own success by incorporating the individual's own interest and skills into the learning process through teaching and learning aids. This method has had a positive impact on the students' academic achievements.



Cohort of DUCE interns working at Milola Secondary



Treatment and assessments being provided at the clinic hut

Health Services at the Clinic

Throughout 2020, TPP saw an increase in the utilization of health services at the mobile health clinic. These health services included malaria diagnosis, testing and treatment; HPV vaccination; and weight measurement related to well child visits. Overall the clinic aided 290 individuals within the Ngwenya, Nahoro and Nakalacha communities and continues to assist those in need. Recognizing the importance of the mobile clinics to the communities' health, TPP is collaborating with the district government to begin construction improvements to the mobile clinic. These improvements will allow the mobile health clinic to be of greater assistance to the Milola community by allowing for increased capacity for future services.

Health Care Provider Profile
Cornel Joseph

TPP continues to partner with the district to ensure the Ngwenya clinic is reliably staffed. Cornel Joseph is a district health care provider who regularly works at the clinic. He has witnessed an increase in the community's use of the clinic and understanding of disease prevention. Cornel believes the planned expansion of the clinic will greatly improve the health and well-being of the rural communities it serves.



Ngwenya villagers receiving assistance at the clinic hut

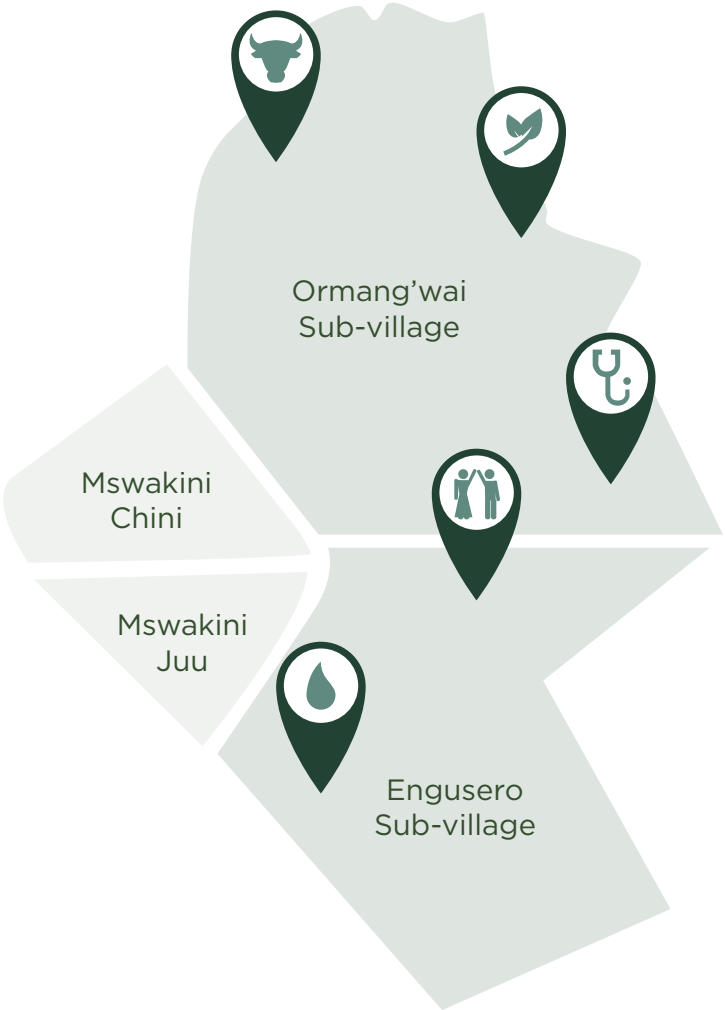
Naitolia Village



Naitolia Village is in Monduli District and lies in a Wildlife Management Area. Home to an agro-pastoralist community of about 1,800 people, Naitolia comprises two sub-villages—Ormang'wai and Engusero. The main ethnic groups are Maasai Wa-Arusha, Iraqw and Barabaig. Households are spread across 178 square kilometers and 79% earn a living by keeping cattle and goats, with some households also raising chickens. A community-run plunge dip for livestock is helping to reduce animal deaths due to disease. The community pond assists in increasing access to quality water during the dry season. A health clinic in Ormang'wai provides basic health services. Across Naitolia and the two neighboring villages of Mswakini Chini and Mswakini Juu, there are four preschools and one primary school. To help ensure students regularly receive a nutritious school lunch, TPP supports school-based feeding programs and gardens.

FEATURED 2021 PROJECTS

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Cattle moving through the cattle dip

Expansion of the Cattle Dip

TPP faculty members facilitate a number of training sessions with members of the Naitolia Water Users Association and Community Animal Health Worker Committee on the functions and maintenance of the cattle dip. This year, training focused on the health and safety of the dip operations and its users. TPP and the community also discussed and finalized plans for the drainage yard. Drainage yards are used after the animals are dipped to collect any excess wash that drains off their coats. By using this area to collect the drainage, it reduces the amount of pesticides that are likely to pollute the surrounding area.



Chicks being raised by one of the female business owners

Raising Chickens for Income

Previously TPP supported eight women to attend an entrepreneurship conference for female pastoralists. The education helped them form a profitable chicken-rearing business with more than 60 chickens. With support from TPP, these business owners held training sessions for others in the community on how to create and manage a chicken-rearing business.



Naitolia community members and contractor rehabilitating the community pond

Rehabilitation of the Community Pond

Over the past five years, TPP has worked in close partnership with the Yale Chapter of Engineers Without Borders, Monduli District and the community to maintain the Naitolia pond as it is the primary source of water for the 1,800 community members. This water source was damaged from large rains, causing portions of the embankment to collapse and the water to begin draining. With financial and labor contributions from the community, the pond was rehabilitated by completing additional excavation activities and raising the embankment by half a meter. The Naitolia community has also mobilized to collect materials to construct a second cattle trough at the pond in hopes that it will service additional livestock.

Household Rainwater Harvesting

TPP has used the rainwater harvesting method to increase water supply for local schools and has experienced great success. The excess rainwater has allowed the plants within the school gardens to thrive. For this reason, rainwater harvesting was initiated at the household level. Households are using the collected water to maintain small household gardens, increasing the amount and quality of produce being grown and consumed.



Community member holding the harvest from her household garden

Tilling of Naitolia Primary School farm in preparation for the planting season

School Feeding Program and Gardens

TPP continues to see success through its school feeding program, which was created to ensure students regularly receive a school lunch. School gardens play a vital role in reducing the cost of providing nutritional meals for students. To assist in program growth, TPP has invested in garden equipment to aid the planting of four acres of maize and three acres of beans in Naitolia. Community members and students' parents have assisted in gardening activities such as tilling, weeding and repairing damaged sections of fencing. With these investments, TPP hopes to increase the amount and quality of food produced for the school feeding program.



Students participate in evaluation for TPP's school feeding program

School Feeding Program Study

Since 2011, TPP has supported a school feeding program (SFP) at Naitolia Primary School. In 2020, TPP conducted a study on how best to maximize program benefits. Based on study findings, TPP is developing guidelines to increase the nutritional value of SFP meals and training materials for SFP cooks. TPP is also working with the district and local parents to create SFPs at Engusero Preschool and Mswakini Chini Primary School.



MWEDO representative providing training to community members

Entrepreneurship and Community Banking Training

Building community members' entrepreneurial skills can have a big impact on local economies. TPP partnered with the Maasai Women Development Organization (MWEDO) to conduct entrepreneurship training in Naitolia. A MWEDO representative visited the community and provided education to individuals on a new policy regarding Village Community Banking, a micro finance policy that assists the community by providing members with access to capital needed to start businesses. MWEDO aided in mobilizing the community to form groups of women and youth to partake in economic development activities. With such developments, MWEDO and TPP hope to further educate the Naitolia community on the importance of entrepreneurship and community banking.

Promoting Rural Governance

National development programs that work well in urban areas and government structures can fail to function in rural communities. This is often due to vast differences between rural and urban areas in terms of issues, resources and cultures. TPP continues to support strong rural governance at the village level. Good rural governance is associated with bottom-up approaches that ensure initiatives are discussed and actions taken by local citizens, business owners and elected leaders.



Community members participating in the good governance training



TPP team members working with community members on the nutritional assessment for the School Feeding Program

District Partner Profile

Adventina Nyambuya

TPP has partnered with Adventina Nyambuya on community-based health and nutrition programs since 2019. Adventina works as a nutritionist at Mto wa Mbu Health Center in Monduli District. There she helps treat individuals suffering from malnutrition. She also provides health and nutrition education to rural communities. Adventina is dedicated to improving the nutritional status of children. This summer, TPP partnered with Adventina on a study of the school feeding program (SFP) at Naitolia Primary School. The team collected nutritional data from students and community members. Adventina is helping TPP use study findings to improve the effectiveness of SFPs to treat and prevent malnutrition.



Adventina Nyambuya

"Lack of nutritional awareness is affecting children, elderly groups and pregnant women."

ADVENTINA NYAMBUYA



Community members using a locally made handwashing station

COVID-19 Response Updates



TPP COVID-19 response activities have included support for district-wide public health education and the donation of PPE to local dispensaries. TPP stays in regular contact with district officers to ensure health care providers and community volunteers have consistent access to PPE.



Guidelines on how to control the spread of COVID-19 include frequent handwashing. In 2020, TPP collaborated with faculty and students in the UDSM College of Engineering to build and install 30 handwashing stations throughout TPP partner communities. TPP helps maintain the stations by funding repairs, delivering water and purchasing soap.



Victoria Moshy, Ph.D., leading villagers in stakeholder mapping during resilience team assessment

Resilience Team

Jennifer Hodbod from MSU and Victoria Moshy from UDSM are collaborating as leaders of the TPP Resilience Team. The UDSM team began fieldwork in late summer 2021 with a series of participatory activities to understand the evolution of the current food system in Naitolia—particularly looking at what events the food system has had to respond to in the past, how the community adapted to these events, and the implications for food production and security. The participants also outlined visions for the food system, which will help identify pathways to resilient and food secure futures. Data analysis is ongoing and they anticipate sharing the findings in early spring 2022.

Playing to Learn Research Team

The Playing to Learn Research Team, led by Bethany Wilinski from MSU and Maregesi Machumu from DUCE, is continuing to work on the development of a natural outdoor playscape—the first of its kind in Tanzania. The team is also working to finalize an online professional development course for teaching faculty. The course is designed to teach educators how to integrate play-based learning methods into their teacher preparation courses.



Master research grantees attend orientation at the TPP offices in 2020

UDSM GRANTEES

Johannes Solar Obeto
Institute of Resource Assessment

Mwikwabhi K. Veronica
Institute of Resource Assessment

DUCE GRANTEES

Almas Said
College of Education

Mwanuke Ally Julius
College of Education

Master Research Grants for Tanzanian Students

For some graduate students in Tanzania, a lack of funds to complete the research component of their degree program is a barrier to graduating. For a second year, TPP provided research grants to master's students at TPP's partner institutions in Tanzania. Grantees each demonstrated a commitment to sustainable development and had a strong academic background. Students will present and discuss their research findings at an upcoming TPP program meeting.

Minor Fellow Profile
Abdul Mutashobya

To promote inclusive and gender-equitable social and economic development in Tanzania, the Daryl and Glenda Minor Tanzania Fellowship supports an MSU master's degree student from Tanzania. Abdul Mutashobya is a Minor Tanzania Fellow in the Teaching English to Speakers of Other Languages program. Abdul has professional and personal experience with development issues in Tanzania related to education and gender. During his program of study at MSU, Abdul will also serve as a TPP graduate assistant.





Students collecting data during the 2019 education abroad

Education Abroad

2021 education abroad programming was delayed due to COVID-19 travel restrictions. TPP hopes to resume the TPP Sustainable Community Development in Tanzania education abroad program in summer 2022.











Joseph Ochieng Mtamba, Ph.D., leading discussion in community mobilization on water issues

Meet the In-Country Core Program Leads

In 2019, TPP reorganized its development work into three core programs: 1) Community Health and Food Security, 2) Community Education, Economic Development and Youth Empowerment and 3) Water Resource Management and Environmental Issues. This change helps TPP faculty meet the multifaceted challenges of global development by intentionally promoting integrated solutions across sectors. The in-country faculty lead for each core program works to ensure integration in the design, delivery and evaluation of development activities.

RICHARD S. JOACHIM

Lead for Community Health and Food Security

Richard S. Joachim, Ph.D., is an assistant lecturer with the department of Veterinary Surgery and Theriogenology at SUA and a consultant veterinary surgeon at the SUA Animal Hospital. His research focuses on livestock surgery and wildlife anesthesia. In TPP's partner communities, Richard teaches livestock health and infrastructure management. He also manages TPP's livestock vaccination programs.

EMILIANA MWITA

Lead for Community Education, Economic Development and Youth Empowerment

Emiliana Mwita, Ph.D., is dean of the Faculty of Humanities and Social Sciences and a senior lecturer in the Department of Geography and Economics at DUCE. Her research focuses on natural resource management in wetlands and land use analysis. In TPP's partner communities, Emiliana manages the delivery of girls mentoring and dormitory programs. She also oversees economic and leadership training for local youth.

JOSEPH OCHIENG MTAMBA

Lead for Water Resource Management and Environmental Issues

Joseph Ochieng Mtamba, Ph.D., is a lecturer and professional engineer at the Department of Water Resources Engineering at the University of Dar es Salaam. His research interests focus on water supply and sanitation using decentralized wastewater treatment systems, safe drinking water access, surface and ground water resources evaluation and management, groundwater management and water treatment. Within TPP, Joseph has led water supply and sanitation projects, provided trainings for capacity building for the water committee and village leadership and provided technical support for the village pond rehabilitation project.



MWEDO representative speaking with community members during entrepreneurship and community banking training

Key Development Partners

Maasai Women Development Organization (MWEDO) is a non-governmental organization that works to improve the livelihoods of pastoralist Maasai women through education, sustainable economic opportunities and health care services. Since 2000, MWEDO has conducted a variety of trainings aimed at empowering women and youth to engage in entrepreneurship and leadership positions. TPP is partnering with MWEDO to provide education to Naitolia community members on the importance of leadership and business for women and youth.

Rural Water Supply and Sanitation Agency (RUWASA) is a governmental agency under the Ministry of Water that aims to develop and manage rural water supply and sanitation services in a professional, participatory and cost-effective manner. Established in 2019, it strives to create access to portable and sustainable water supply and sanitation services for socio-economic development in rural communities. RUWASA has provided technical support to TPP on several water resource and management projects.

Kilimo Timilifu (KT) is a nonprofit that aims to train community members about agricultural entrepreneurship. KT provides small farm training to local communities to help increase crop yield and teach profitable farming practices. TPP has partnered with KT to assist with incorporating chicken raising practices into the girls dormitory operations and programming. These teachings will provide the students with the fundamentals of poultry raising for food and income.



TPP member participants at the May 2021 meeting

Annual Planning Meeting

The 2021 planning meeting took place over five days in Dar es Salaam, Tanzania. The meeting was organized and led by TPP in-country faculty and staff. Attendees included representatives from TPP partner universities, districts and organizations; MSU faculty and staff participated virtually. In-country faculty presented and led discussions on integrated community development and sustainability. Integrated approaches join the goals of a program with the self-expressed needs of a community. Attendees co-developed the 2021 work plan with a focus on activities designed to enhance the integration of activities across sectors.

New District Partner
Lindi Municipal

In Tanzania, priorities for local service delivery and development projects are decided by democratic councils and committees. The administrative authority for Milola Village recently changed to the urban Lindi Municipal Council. TPP conducted an orientation with council members to introduce them to TPP staff, programs and operations. District representatives traveled with TPP to Milola for on-site project orientations. TPP looks forward to future collaborations with the Lindi Municipal Council.



TPP team orienting the Lindi Municipal Council to TPP projects

Financial Highlights

The Tanzania Partnership Program is a private-public partnership supported generously by individuals, academic institutions, and a coalition of diverse partners advancing the mission of TPP. Executive leadership is provided by Michigan State University. The initiative is committed to good stewardship of the resources and assets entrusted to the program. We are dedicated to the highest level of accountability.

FISCAL YEAR 2021

INCOME	
TPP Donor Funds	$658,465
MSU Funds	$301,757
Total Income	**$960,222**

EXPENSES	
TPP Donor Funds	$456,047
MSU Funds	$301,757
Total Expenses	**$757,804**

Balance of Available Funds	**$202,418**

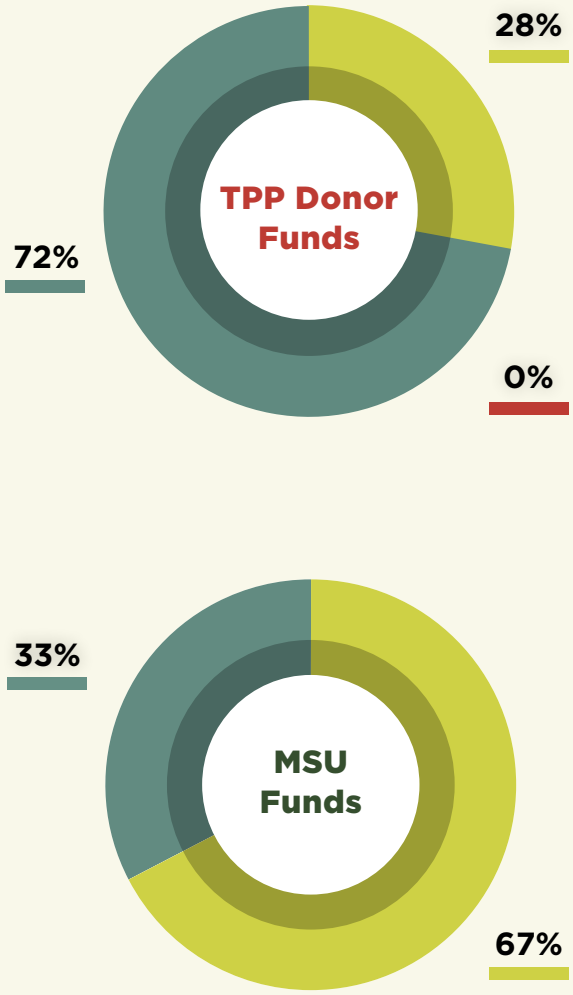
PROGRAM ALLOCATIONS

Total donor funds expended in Fiscal Year 2021 were $456,047. Of this amount 72% was spent on in-country implementation ($328,673); 28% was spent on MSU administration ($127,374); and 0% was spent on the education abroad program ($0).

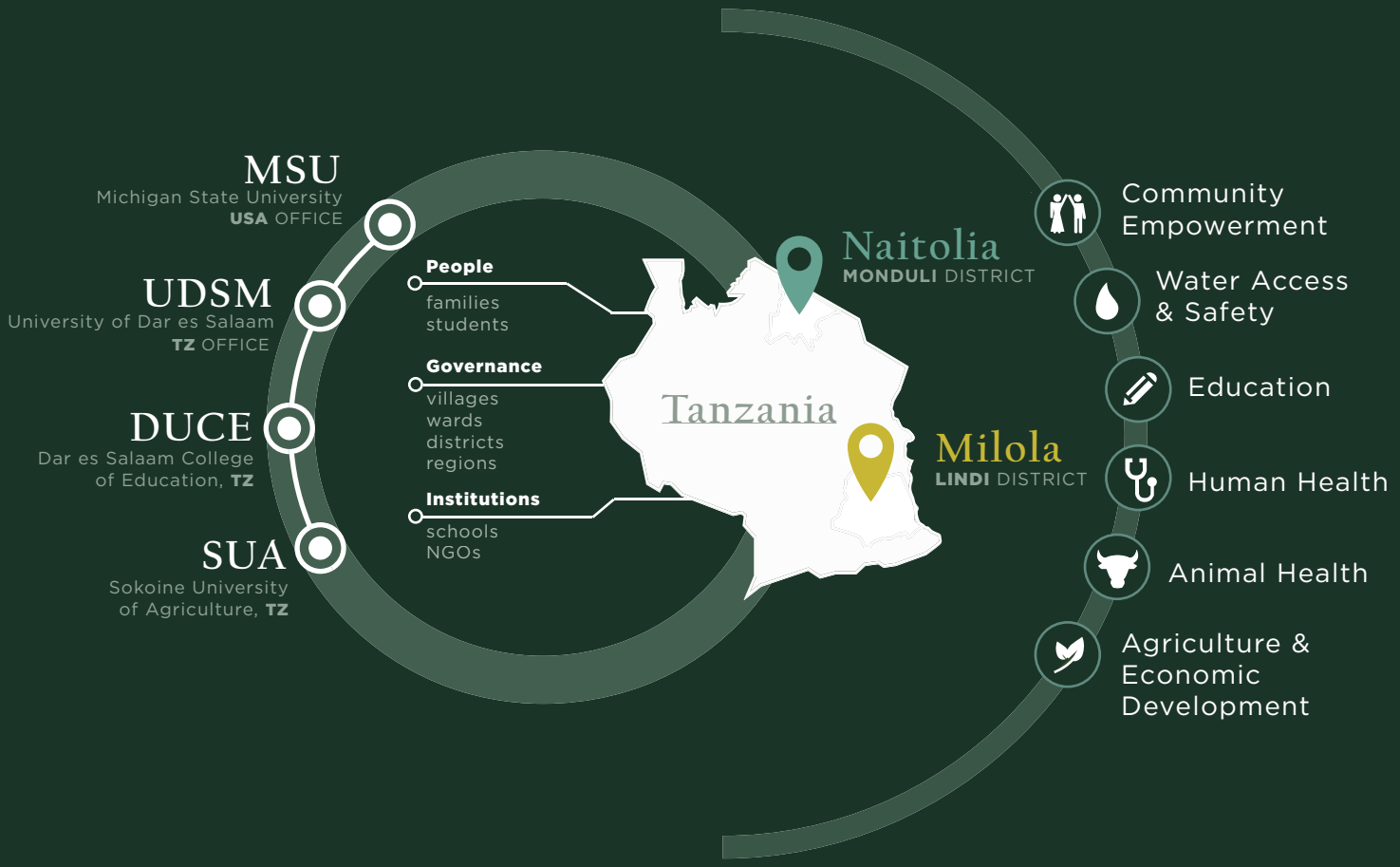
Michigan State University disbursed an additional $301,757 toward the project. Of this amount 33% was spent on in-country implementation ($98,557); and 67% was spent on MSU administration ($203,200).

2021 Education Abroad programming was delayed due to COVID-19 travel restrictions.

HOW THE FUNDS WERE USED



Tanzania
PARTNERSHIP PROGRAM



The Tanzania Partnership Program is made possible through the generous support of our donors—thank you.

To make a gift in support of the program, please contact:

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