

ADILISHA AGENDA 2049

Empowering Girls through Access to Quality STEM Education

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Vision and Goal

VISION

Empowering a generation of young Tanzanians—especially girls through access to STEM education and leadership opportunities. By 2049, we aim to establish STEM clubs and labs in all 3,904 government secondary schools across Tanzania, transforming the future workforce and addressing pressing global challenges like poverty, gender inequality, and technological advancement.

GOAL

Equip all government secondary schools with fully functioning STEM clubs by 2030 and STEM labs by 2049.

Focus Areas : Science, Technology, Engineering, Mathematics (STEM) with an emphasis on girls' participation.



Why STEM? The Case for Action in Tanzania



CURRENT SITUATION

Gender Gap

Only 25% of Tanzanian students pursuing STEM fields are girls.

Rural Disadvantage

Rural schools lack resources for science and technology education, exacerbating inequality.

Future Workforce

Tanzania needs a STEM-literate workforce to participate in the digital economy and compete globally.

OUR OPPORTUNITY

Building STEM clubs and labs will foster problem-solving skills, creativity, and innovation in students, giving them the tools to contribute to national development and global challenges.

Investment in STEM education will uplift entire communities by preparing youth for careers in high-demand fields.



The 25-Year Plan: Phases for Sustainable Impact



PHASE 1 (2024-2026)

Pilot 100 Schools

- Establish STEM clubs in 100 schools across diverse regions to test and refine the model.
- Train 100 teachers as STEM leaders. - Monitor and evaluate impact to scale effectively

PHASE 2 (2027-2030)

Scale Regionally

- Expand STEM clubs to 1,000 schools, targeting underserved areas.
- Form partnerships with tech companies and local governments to support lab development.
- Begin small-scale STEM lab introductions.

PHASE 3 (2030-2049)

STEM Labs in Every School

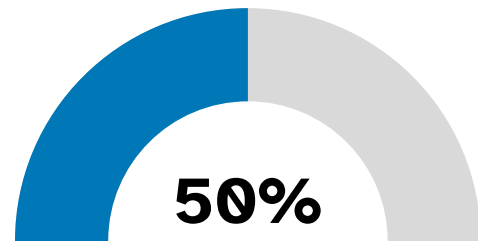
- Build fully equipped STEM labs in all 3,904 government schools.
- Establish sustainable lab maintenance models with local community involvement.
- Focus on gender inclusion by ensuring 50% of participants are girls.



Measurable Impact and Outcomes

KEY METRICS

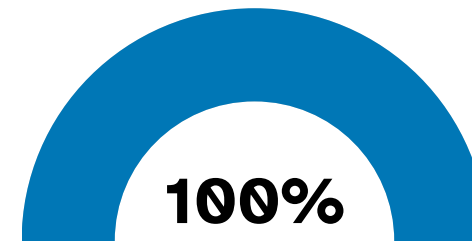
- School performance in STEM subjects
- Increase in female STEM graduates
- Long-term career tracking for program participants



BY 2030 (STEM CLUBS)

3 million students (50% girls) engaged in STEM learning.

- 100,000 students prepared to pursue higher education and careers in STEM fields.
- Reduction in dropout rates for girls due to increased engagement and leadership opportunities.



BY 2049 (STEM LABS)

- Fully equipped labs in 3,904 schools.
- Tanzania positioned as a STEM innovation hub in East Africa.
- 5 million graduates equipped with skills for the digital economy and STEM careers.



AGENDA 2049



FUNDING NEEDS

- Phase 1 (2024-2026): \$5 million to establish STEM clubs in the first 100 schools.
- Full 25-Year Plan: \$204.64 million to establish clubs and labs across all schools by 2049.

WHY PARTNER WITH ADILISHA?

- Proven experience in empowering young girls and women in education and leadership.
- Strategic, data-driven approach with clear milestones and impact measurement.
- Strong alignment with global education, gender equality, and workforce development goals.

YOUR INVESTMENT CAN

- Transform Tanzania's future by creating a STEM-educated workforce.
- Empower millions of young people especially girls to break cycles of poverty through education and innovation.

**JOIN US IN
BUILDING
TANZANIA'S
STEM
FUTURE**





Adilisha Agenda 2049

Presentation

Website

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↘ **LET'S BUILD THIS
FUTURE TOGETHER**