CO-CREATE

Collaborative Opportunities for Climate Resilience, Empowerment, and Transformation through Education for All Learners in Tanzania

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Goal

CO-CREATE offers an innovative consortium that will generate **new evidence** for how to **advance climate action**, **education outcomes**, and **gender equality** while fostering cross-sectoral collaboration and impact at **local, national, and global levels** across educational ecosystems.

CO-CREATE will Learn in Partnership with Educators across 102 sites in Tanzania:

30

EDUCATORS IN CLASSROOMS
AT THE PRE-SCHOOL LEVEL

5 YEAR OLDS

30

EDUCATORS IN CLASSROOMS AT THE
PRIMARY SCHOOL LEVEL

10 YEAR OLDS

30

EDUCATORS IN CLASSROOMS AT THE
SECONDARY SCHOOL LEVEL

15 YEAR OLDS

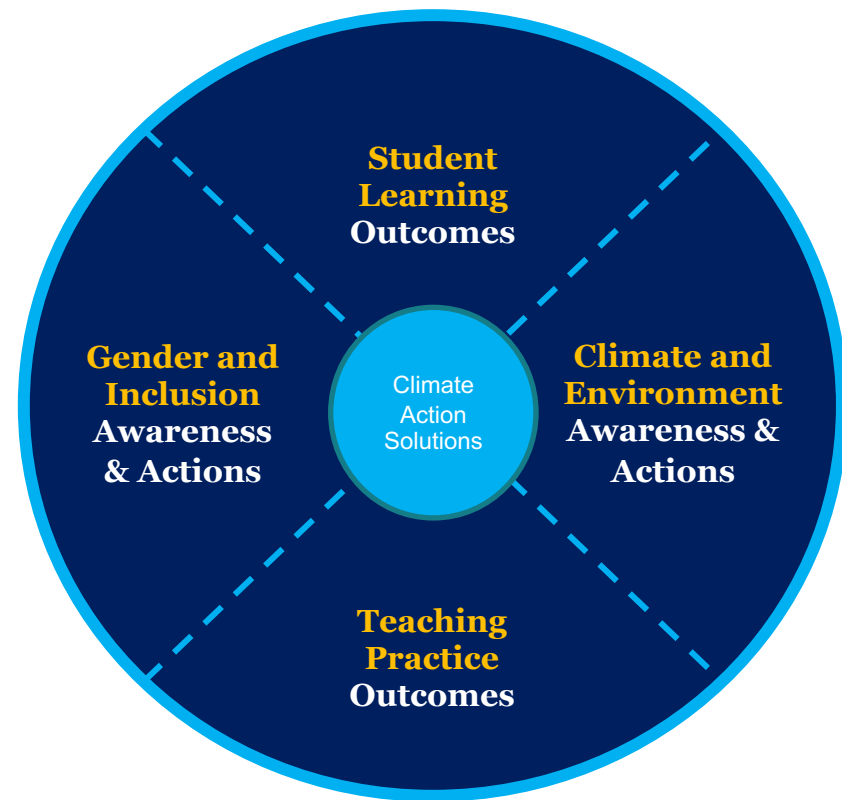**12**

CSO EDUCATORS WORKING WITH
OUT-OF-SCHOOL YOUTH

15 YEAR OLDS

Adopting a 4-D CO-CREATE Lens when Working with Teachers

Framing for Collaboration with Teachers across 90 Schools

How might **climate and environmental action solutions** be best used by educators as **new, effective pedagogical approaches** to improve **holistic quality education outcomes** for learners of all genders in Tanzania across four key dimensions:

1. Holistic **Student Learning Outcomes**

2. Effective **Teaching Practice Outcomes**

3. Teachers' **Awareness and Actions** related to **Gender and Inclusion** in their classrooms.

4. Teachers' **Awareness and Actions** related to **Climate and Environment** in their classrooms.

Adopting a 4-D CO-CREATE Lens when Working with CSOs

Framing for Collaboration with CSO Educators and Out-of-School Youth from 12 CSOs

How might **climate and environmental action solutions** be best used by CSO educators and out-of-school youth as **new approaches** to improve **youth development outcomes** for young people of all genders in Tanzania across four key dimensions:

1. **Youth Development** Outcomes

2. **CSOs' Training Practices** with Youth

3. **CSOs' Awareness and Actions** related to **Gender and Inclusion** when working with Youth

4. **CSOs' Awareness and Actions** related to **Climate and Environment** when working with Youth

But what is an example of a 'climate action solution'?

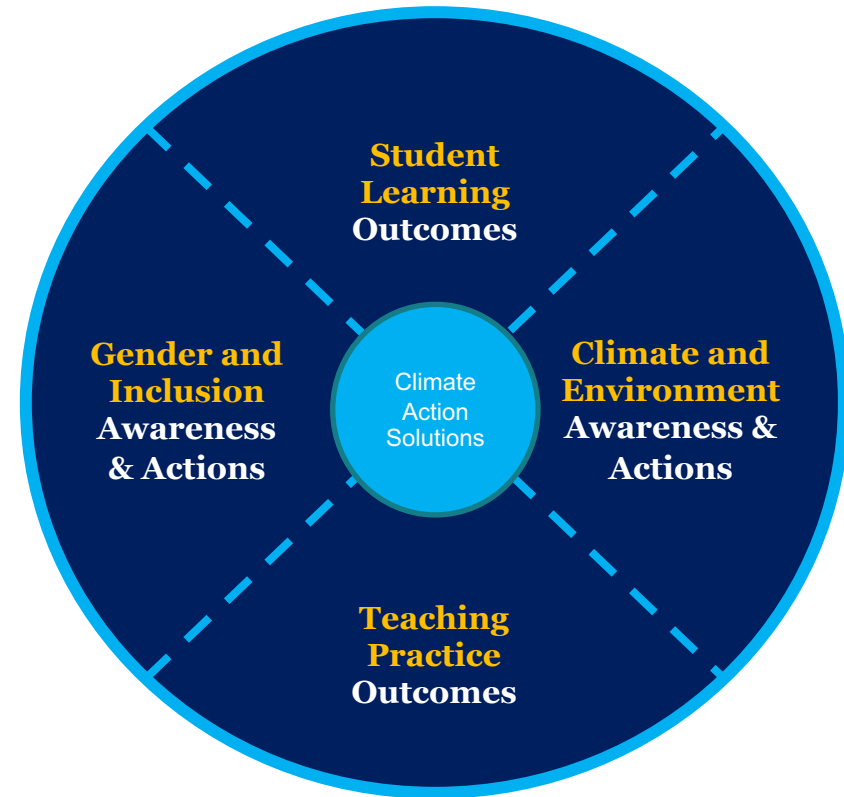___

Let's Look at a Micro-Forest

1

2

3

4

Now, using our CO-CREATE 4-D lens for teachers, how do we connect climate action to pedagogy?

How might a **micro-forest** be best used by Tanzanian educators as a new, effective **pedagogical approach** to address four key challenges they are commonly seen in school and community settings:

- **LEARNING -** My kids are consistently struggling to read and demonstrate extremely low levels of motivation to learn.

- **TEACHING -** I am having significant trouble managing my extremely large class sizes everyday with 90 learners.

- **GENDER & INCLUSION -** I notice that girls are not participating as much as boys in my lessons and remaining silent in class.

- **CLIMATE & ENVIRONMENT -** I see that my students are suffering from the ever-increasing heat each day; but they seem to not know why this is happening or what they can do about it.

Student Learning **Outcomes**

Gender and Inclusion **Awareness & Actions**

Climate Action Solutions

Climate and Environment **Awareness & Actions**

Teaching Practice **Outcomes**

A New Team to CO-CREATE New Evidence

USAID
FROM THE AMERICAN PEOPLE

UK International Development
Partnership | Progress | Prosperity

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SCHOOLS 2030

RESTLESS DEVELOPMENT

BELMONT UNIVERSITY

creative action

Understanding the CO-CREATE Project

Building on Three Years of Schools2030

Schools2030 3-Step Model

www.schools2030.org

STEP ONE:
ASSESS

Schools2030 supports teachers to measure holistic learning levels of their students and the quality levels of their teaching practices and their environments with simple, contextualised assessment tools that have been tested, and validated by national and global learning assessment expert partners.

STEP TWO:
INNOVATE

Schools2030 supports teachers to design, test and implement new pedagogical approaches and innovations to improve students' holistic learning outcomes and the quality levels of teaching practices and their environments through human-centred design.

STEP THREE:
SHOWCASE

Schools2030 supports teachers to showcase evidence of their best practices, failures, innovations, and insights at community, national and global forums to inspire school-and systems-level educational change for teacher professional development.

Schools2030's 3-Step Model was co-created and tested from Schools2030's Phase I 2020-23 across 1000 schools and civil society partners in 10 countries during and after the COVID-19 pandemic.

Schools2030 Tanzania Piloted Micro-Forests in and through Teacher Leadership and Innovation

15
SCHOOL MICROFORESTS PLANTED

275
STUDENTS PARTICIPATED IN LEARNING AND PLANTING SESSIONS

16
YOUTH COMMUNITY ADVISORS TRAINED

3933
TREES PLANTED IN SCHOOL MICROFORESTS

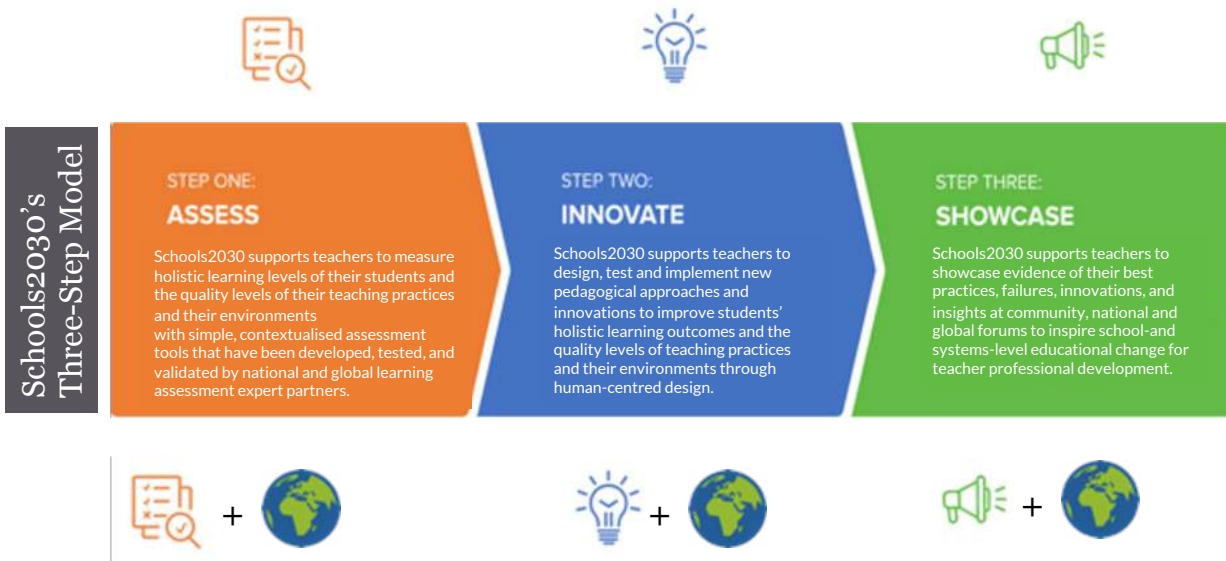AGA KHAN FOUNDATION

How could we see these micro-forests
(and other climate action solutions)
through a different set of lens?

#4) Three Enhancements by CO-CREATE to the Schools2030 3-Step Model

Schools2030's Three-Step Model

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Enhancement 1 – Assess

Develop CO-CREATE Action Research Plans about how educators will use climate action solutions to improve quality education.

MOE 8 Activities to Cope with Climate Change	CO-CREATE Climate Champion Teacher Toolkit	Phase 1: April-July 10 Climate Action Solutions Climate Champion Teacher Toolkit	Phase 2: April-July 4 Expected Outputs: Climate Literacies in Preparedness for School-Wide Climate Actions	Phase 3: July-November 4 Expected Outputs: Classroom- and School-Wide Climate Actions used as Pedagogical Resources for Teaching/Learning
1. Participation in Social Activities	1. PEOPLE	1. Raising Climate and Environmental Awareness	1. Climate Literacies: Motivation and Agency to Act	1. School-Wide Climate Awareness: School Climate/Environmental Club
2. Garden Establishment 3. Planting & Care of Trees 4. Bee Keeping	2. EARTH	2. Composting: Inside & Outside Classroom Composts 3. Gardening: Planted Pots Inside & Outside Classrooms 4. Vegetation: Wigwams 5. Trees: Sapling Nurseries	2. Climate Literacies: How to Manage Nature & Soil	2. School-Wide Earth Solution: School Microforest Planting
5. Rainwater Harvesting	3. WATER	6. Greywater Recycling: How does it really work?	3. Climate Literacies: How to Manage Water Resources	3. School-Wide Water Solution: Rainwater Harvesting Gutter and Tank
6. School Waste Management 7. Use of Solar Energy 8. Use of Bio-Gas	4. ENERGY	7. Temperature: Vertical Gardens for Classrooms 8. Temperature: Eco-Coolers for Classrooms 9. Waste Management: Paper Recycling for Class 10. Renewable Energy: Solar Panel for Teachers	Climate Literacies: How to Manage Temperature & Renewable Energy Sources	4. School-Wide Energy Solution: School Painting and Solar Panels

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Enhancement 2 – Innovate

Implement CO-CREATE Action Research Plans about how educators will use climate action solutions to improve quality education.

Schools2030 + CO-CREATE = New R&D of Best Practices

Resources

Methods

How best to equip educators with new **critical literacies** about climate and the environment?

Learning to Learn

How best to encourage educator agency to choose from a **menu of climate action solutions** for school and community adaptation.

Learning to Do

How best to support educators to **use data and evidence** to develop action research plans that connect climate action solutions to holistic educational outcomes?

Learning from Data and Evidence

Schools2030 + CO-CREATE = New R&D of Best Practices

Schools2030 + CO-CREATE = New Green Course for Educators

Schools2030 + CO-CREATE = New 6-Month Action Research Plans about How Educators are Using Climate Action Solutions to Improve Educational Outcomes

Resources

Methods

Teacher Course

CSO Course

Teacher Action Research Plans

CSO Action Research Plans

How best to equip educators with new critical literacies about climate and the environment?

Learning to Learn

Day 1: Launch
Climate and Environment Fundamentals

Day 2: Explore
Climate and Environment Justice and Agency

Day 1: Launch
Climate and Environment Fundamentals

Day 2: Explore
Climate and Environment Justice and Agency

1. Student Learning Outcomes
3. Gender & Inclusion Actions & Awareness
Climate Action
4. Climate & Environment Actions & Awareness
2. Teaching Practice Outcomes

1. Youth Development Outcomes
3. Gender & Inclusion Actions & Awareness
Climate Action
4. Climate & Environment Actions & Awareness
2. CSO Training Practice Outcomes

How best to encourage educator agency to choose from a menu of climate action solutions for school and community adaptation.

Learning to Do

Day 3: Adapt
Climate and Environment Adaptation & Mitigation Solutions

Day 4: Plan & Act
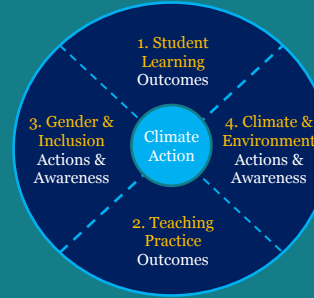My Climate and Environment Pedagogical Action Plan for My Classroom and School

Day 3&4: Adapt
Climate and Environment Adaptation & Mitigation Solutions (w/ Green Jobs)

Day 5: Plan & Act
My Climate and Environment CSO Action Plan for Youth

How best to support educators to use data and evidence to develop action research plans that connect climate action solutions to holistic educational outcomes?

Learning from Data and Evidence

1. Schools2030 StudentLearning Outcome Datasets
CO-CREATE Self-Assessment Data for Gender & Inclusion
CO-CREATE Self-Assessment Data for Climate & Environment
2. Schools2030 Self-Assessement Data for Teacher Practices

1. CO-CREATE Self-Assessment Data for Youth Dev. Outcomes
CO-CREATE Self-Assessment Data for Gender & Inclusion
CO-CREATE Self-Assessment Data for Climate & Environment
2. CO-CREATE Self-Assessement Data for CSO Training Practices

Enhancement 3

Showcase CO-CREATE Action Research Plans and Evidence in Systems-Level Dialogue

CO-CREATE Green Systems-Level Scorecard Workshops

CO-CREATE will also facilitate Green Systems-Level Scorecard Workshops

CO-CREATE hopes to **connect** country-level evidence to global-level workstreams at the intersection of climate, education and gender.

Global Greening Education Partnership

Greening schools

From early childhood through adult education, work to ensure that all schools achieve green school accreditation, including teacher training and higher education

Greening curriculum

Embrace lifelong learning approach that integrates climate education into school curricula, technical and vocational education, workplace skills development, teaching materials, pedagogy, and assessment

Four action areas of transformative education

Greening communities

Strengthen community resilience by integrating climate education into lifelong learning, with a focus on empowering and mobilizing young individuals, community centers, and learning cities to take action on climate change.

Greening teacher training and education systems' capacities

Strengthen education systems to be climate-smart with adequate measures, and ensure teachers and policymakers are trained in school accreditation, including teacher training and higher education.

100 teacher-led climate change solutions

Solution Format

- [ ] Case Studies
- [ ] Classroom Activities
- [ ] Climate Change Tool
- [ ] Community Outreach
- [ ] Curriculum Development
- [ ] Digital Badges
- [ ] Discussion Space
- [ ] Extracurricular Activities
- [ ] Learning Resources
- [ ] Lesson Plans

+ Show 6 more

Education Level

Unesco Category

English

Zero Carbon Schools

👤 Henry Greenwood
📍 Europe, UK

Primary | Secondary | Greening Schools

English

Learn to Play

👤 Priyanka Handa Ram
📍 Africa, Botswana

Pre-primary | Greening Communities

English

Greening School Grounds and Outdoor Learning...

👤 Brenda Kessler
📍 Worldwide

Primary | Secondary | Greening Schools

English

Whole School Approach to Climate Change

English

Permaculture Training

English

Climate Club

Thank You