



# CTI Africa: Filling Data Gaps in the SDG Indicator Framework

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Assessment &  
presentation by  
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SUSTAINABLE DEVELOPMENT  
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Presented by **Michael Landau**  
Chairman & CEO of CTI Africa  
to the UN at the Meeting of the  
Focal Points of LDCs  
Implementation of the IPoA

# Current Data Gaps...

Data gaps in existing measurement and monitoring frameworks for the SDGs resulting from **lack of**:

- **Baseline Data on SDG Indicators (Tier II)**
- **Clear, established methodological standards for SDG Indicators (Tier III)**
- **Relevant disaggregation**

This causes challenges for LDCs trying to implement policies and procedures for SDG impact.





# CTI Mission

- Provide holistic solutions to economic and social challenges
- Advance SDG attainment across Africa and LDCs

# CTI Solutions

- Leverage latest technologies and best practices through our patented Smart-Hub/Smart-Village ecosystem
- CTI data provides measurements **directly correlated with SDG indicator framework**

# We Fill Data Gaps

CTI data collection has proceeded from two pilot programs currently underway in Uganda and Malawi, with over 2300 existing unique family unit participants.

Analysis by Blockchain for Sustainable Development (B4SD) of CTI data correlation to SDG Indicator framework shows strong correlation to SDG Indicators measuring SDG Targets under Goals 1, 2, 3, 4, 5, 6, 7, 8, and 9.

Opportunity for low-input improvement to collect data relevant to SDG Indicators measuring other Goals.



# CTI Data Point 32

*“Do you possess any special skills or have any specific specialized training?”*

**Indicator: 4.3.1** “Participation rate of youth and adults in formal and non-formal education and training in the previous 12 months, by sex.” (Tier II – lack of existing global baseline)

**Responsible Agency:** UNESCO

**Relevant Human Rights Law:** UNDHR 26(1), ICESCR 6(2) & 13(1), CEDAW 10, CRC 28(1), CRPD 24(5), ICRMW 43.1 & 45.1, UNDRIP 21(1).

**Data Gap:** Limited global baseline data is available.

CTI pilot programmes in Uganda and Malawi have collected over 3500 individual responses to CTI Data Point 32, with the most common responses for specific special skills being farming, carpentry, building, and driving.

“Over 84% of people surveyed have special skills or training.”

  
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# CTI Data Point 102

*“Do you own a mobile phone?”*

**Indicator: 5.b.1** Proportion of individuals who own a mobile phone, by sex. **(Tier II – lack of baseline data)**

**Responsible Agency:** ITU

**Relevant Human Rights Law:** UDHR 19, ICCPR 19(1), ICESCR 15.1, CEDAW 14.2, CRPD 9.2.

**Data Gap:** Limited global baseline data is available.

CTI has collected data on over 2300 households in Uganda and Malawi, with about 1/2 of respondents indicating they own a cell phone.

“Over 46% of people surveyed own a mobile phone.”



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# CTI Data Points 71 to 78

*“Have you been tested for HIV or tuberculosis?”*

**Indicator: 3.8.1** Coverage of essential health services.  
(Tier III – lack of methodological standard)

**Responsible Agency:** ITU

**Relevant Human Rights Law:** UDHR 19, ICCPR 19(1), ICESCR 15.1, CEDAW 14.2, CRPD 9.2.

**Data Gap:** No standardized global methodology for measurement of the Indicator.

CTI has collected data on over 2300 households in Uganda and Malawi, with about 3/4 of respondents indicating they have been tested for HIV.

“Over 25% of people surveyed have never been tested for HIV.”

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This presentation is based on an independent report entitled “CTI Data Correlation to SDG Indicators and Analysis” conducted by Rebecca Spence, Annie Opel, and Jeremy S Goldstein of B4SD, which is available at: [www.B4SD.org/resources](http://www.B4SD.org/resources). B4SD is a registered 501(c)3 charitable organization advancing the use and development of Blockchain to catalyze SDG attainment.