



DATA ZETU

**THE TANZANIAN YOUTH DATA
ENGAGEMENT STRATEGY 2018-2023**

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The project leads of the Data za Kitaa TV show (the first ever data driven TV show in Tanzania) in Kyela, Mbeya

List of abbreviation

COICT	College of Information and Communications Technology
COSTECH	Commission for Science and Technology
dLab	Data Lab
DLI	Data for Local Impact
ICT	Information Communication Technology
M&E	Monitoring and Evaluation
NBS	National Bureau of Statistics
NIMR	National Institute of Medical Research
SDGs	Sustainable Development Goals
STI	Science Technology and Innovation
TCRA	Tanzania Communications Regulatory Authority
UN	United Nations
YALI	Young African Leaders Initiative



Kinasa artists performing during the launch of their data lyrical song on drug abuse and the launch of a mural wall that depicts data on drug abuse in Temeke Dar es Salaam

Introduction

The Tanzania Youth Data Engagement Strategy is a coherent tool that provides the framework for dLab and other stakeholders including local and national government, civil society, and private institutions to engage with youth in data, where youth are considered as key beneficiaries and partners within the data ecosystem. The main goal of the Tanzania Youth in data to improve their lives and champion sustainable development.

According to the Tanzania National Youth Policy, youth are persons aged between 15 - 35 years old. African Union through the African Youth Charter also defines youth as any individual between 15-35 years of age. The United Nations on the other hand defines youth as those persons between the ages of 15 and 24 years, without prejudice to other definitions by Member States. Since this strategy is implemented in Tanzania, the definition of youth by the Tanzania National Youth Policy is applicable in this strategy.

This strategy is a result of a comprehensive desk review; extensive youth consultations and Interviews in Dar es Salaam, Mbeya Urban and Kyela ; and an online survey, that together provided the resources and coherent approaches to inform how youth can best be engaged in data for sustainable development. During the desk review, numerous documents were reviewed to capture the current priorities for sustainable development and youth engagement and empowerment in Tanzania and globally, including examples of setbacks and opportunities for youth to engage with data. Some of the reviewed documents were Data Zetu Listening Campaign Reports, Tanzania National Youth Development Policy, Tanzania National Development Vision 2025, ICT Policy of Tanzania 2016 (Revised Edition), National Statistics Act of 2015, Education Policy of Tanzania as well as Five Years Development Plan II, UNDP Youth Strategy 2014-2017, Commonwealth Youth Forum Declaration, African Union Agenda 2063, African Youth Charter, UN Sustainable Development Goals (Agenda 2030), and UN Youth Strategy 2030.

The Focus Groups Discussions and Interviews with youth were held in Dar es Salaam, Mbeya and Kyela, whereby 93 youth from different backgrounds participated. In the lists of participants, there were artists, YALI fellows , young community leaders, innovators, journalists, community police, local government leaders, people with disabilities, entrepreneurs, scouts, college and university students, representatives from the Civil Society Organizations (CSOs), Non-Governmental Organizations (NGOs) and Savings and Credit Cooperative Organizations (SACCOS). The Focus Group Discussions were facilitated to gauge the youth's perspective and priorities around every element of the strategy, including the problem statement, vision, mission, and strategic framework (goal, objectives and sub-objectives). The discussions then moved into the strategic pillars, theory of change and the strategy's alignment to the national, regional and international frameworks such as the SDGs, and Agenda 2063.

The Data Youth Strategy focuses on four (4) key priority areas, which were selected by Tanzanian youth themselves during the Focus Group Discussions and Interviews held in Dar es Salaam, Mbeya Urban and Kyela , which filtered out the relevant priorities that youth saw to be addressed. These key priority areas are: Education, Health, Innovation, and Economic empowerment. The four priority areas are further underpinned in three (3) pillars, which are capacity building, data visualization and engagement. These elements are envisioned to address the data flow gap that exists among key data generators and users, especially the youth, whereby as a result, it promotes the increasing number of youth who generate and use data in making informed decision, design and collaborate with new and existing networks in running data-driven interventions to address development challenges.

Data plays a big role in development of a nation, especially, as a foundation of development policies and as a tool in enhancing smart decisions. Youths being the drivers of change in a nation, it is vital that they get a good understanding of data and its uses. In order to create an even ground for youth to be effectively engaged in data-driven initiatives, it is imperative that young people are informed and aware that Tanzania has developed relevant policies and structures that underpin and support the country journey towards its development objectives. This strategy therefore, puts youth at the center of its focus as beneficiaries, leaders and partners in capacity and skills building, and generates positive environment and experiences for the youth to engage with data to enhance the quality of their lives, and deliver sustainable development in both national, regional and international frameworks.

The implementation of this strategy is managed by Tanzania Data Lab (dLab) , whose role in its development was pivotal by contributing in the desk review, focus group discussions and the Interviews carried out to capture youths' interests and priorities in engaging with data.

“

I subscribe totally to data and its important role in development. It informs policy choices and decisions and helps us to monitor and evaluate projects

Dr Jakaya Kikwete, Tanzania
Former President, Guest of honor
Africa Open Data Conference 2015

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1 African Youth Charter: <https://au.int/en/treaties/african-youth-charter>

2 More information can be accessed via UN Youth link: <https://www.un.org/development/desa/youth/>

3 The three Districts are the focus of the [Data Zetu program](#), and this strategy was developed as an activity under this program.

4 Young African Leaders Initiative: <https://yali.state.gov/mwf/>

5 The three Districts are the focus of the [Data Zetu program](#), and this strategy was developed as an activity under this program.

Data and Youth Engagement in Tanzania

Africa is the youngest continent with 60% of its population being under the age of twenty five (25) . In Tanzania, youth (15-35 years) account for 34.7 percent of the total population , making it one of the countries with the youngest population in the world. This reality provides a huge potential for youth to champion data generation and use to drive sustainable development in Tanzania, however, this potential has not been fully utilized due to the existing gaps such as unemployment and low level of education, this is to mention but a few.

With a 13.4% rate, unemployment constitutes a critical challenge for young Tanzanians to progress with the existing development frameworks, and this is mostly caused by skills mismatch and barriers to information on the current trends and job/employment opportunities they come along with, and as a result limiting the fulfillment of their transformational potential for the country's development. In this context, promoting the Tanzanian youth's capacity to use data effectively and efficiently, youth can curb unemployment by generating value out of data, and through data-driven initiatives and job opportunities for themselves and others to contribute in addressing national socio-economic challenges, improve their lives, and bring sustainable solutions to their communities.

Access to data and data literacy also remains a core challenge that limits youth capacity to understand the development challenges in other important sectors such as education, health and innovation, hence youth not realizing their full potentials in designing approaches and engage effectively in contemporary socio-economic development activities in the country. Lack of access to accurate data is one of the reasons why youth are not fully engaged in community development,

Moreover, with the expansion of the internet penetration in Tanzania, which has reached to 23 Million users by the end of 2017 , there is a clear sign that the technological infrastructure is ready to be utilized and it should be potentially exploited. In particular, the growth of internet penetration in the country has ushered in new ways in which people (especially youth) access, share and use several structures of data to communicate with each other, and run initiatives that champion data for development in Tanzania. Internet penetration also eases the access of important information on health, travels, etc.

Tanzania has various laws and organs that govern data generation and use, some of these laws are: Tanzania Cybercrime Act (2015) and The Statistics Act (2015). The governing bodies in charge to effect these laws and regulations are; Tanzania Communications Regulatory Authority (TCRA), Tanzania Commission for Science and Technology (COSTECH), National Bureau of Statistics (NBS) and National Institute for Medical Research (NIMR).

If well informed about laws and structures that are governing data, Tanzanian youth will be able to act as effective data ambassadors to foster innovation and champions for national development transformation. On the other hand, these laws and structures provides for punitive measures if not complied with, therefore, there is a need to support youth stakeholders to understand the legal frameworks regulating the sector, and with the capacity to engage and collaborate in order to contribute towards innovative solutions in the economic empowerment, education and health improvement in Tanzania.



A glimpse of the first ever Data driven fashion show in Tanzania. The winning fabric design was printed and show cased in the fashion show

⁷ Source: 2017 UN World Population Prospects https://esa.un.org/unpd/wpp/Publications/Files/WPP2017_KeyFindings.pdf

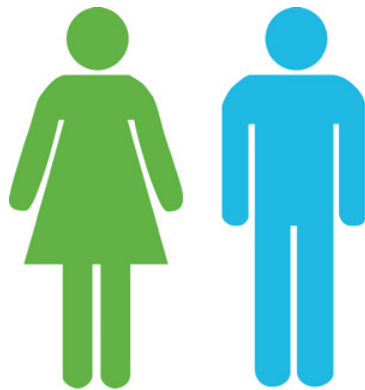
⁸ Source: Tanzania Population Distribution by age and sex 2013 https://ihi.eprints.org/2169/1/Age_Sex_Distribution.pdf

⁹ Source: Tanzania Communications Regulatory Authority (TCRA) 2017

The Role of Youth

Tanzania is a young nation since more than half of its population comprises of individuals who are below 35 years. That being the case, the wheel of sustainable development lies on collaborative efforts between young people and other key stakeholders. In this strategy, youth are not only the beneficiaries, they are also partners and leaders in amplifying data use and inspire data-driven actions to enhance sustainable development in Tanzania. Tanzanian youth also is a majority group in the labor force, therefore, it is important that data-driven culture is promoted among them in order to inspire and drive the approaches that will maximize outcomes and results in their areas of specializations. Youth have several roles they play when it comes to engaging with data, as beneficiaries, as partners and as leaders.

As the beneficiaries of this strategy, youth are expected to maintain their commitment to learn and be supportive of the data-driven actions that are fashioned to enhance their capacities, and positive experiences in data access, use and sharing. As partners and leaders in this strategy, youth are expected to collaborate and positively engage in advancing innovative and creative ideas that inspire and drive data-driven actions forward to contribute towards sustainable development in Tanzania. Youth are expected to seek for information, and use them to inform their decisions and actions, as well as inspire other community members to do the same in order to cultivate the data-driven communities in Tanzania. Youth need to be proactive in pushing the data-driven agenda forward, and consistently demonstrate enthusiasm in using data to design, test and run solutions to the developmental challenges in Tanzania. Therefore, this strategy not only targets youth as beneficiaries of the actions, it also promotes partnerships and collaborations on the data-driven actions.



**Youth are those
persons between
the ages of
15-35**

SOURCE: Tanzania Youth Policy 2007.

Strategy Goal and Objectives

The Goal of this Strategy is as follows:

To provide a framework for implementers and stakeholders of this strategy to engage with youth in data to enhance the quality of life of the youth and champion sustainable development.

To achieve the above goal, this strategy has three core objectives. Through utilizing this Strategy document, implementers and other stakeholders working with youth will be able to:

- I. foster better understanding of the value for stakeholders to engage with youth in data.
- II. Identify key streams for the stakeholders to engage with youth in data.
- III. Understand the core thematic areas that are relevant for youth engagement with data.



Data Zetu project leads with Wachata team as they go over the plans for the mural on drug abuse in Buza Temeke.

7 Source: 2017 UN World Population Prospects https://esa.un.org/unpd/wpp/Publications/Files/WPP2017_KeyFindings.pdf

8 Source: Tanzania Population Distribution by age and sex 2013 https://ihi.eprints.org/2169/1/Age_Sex_Distribution.pdf

9 Source: Tanzania Communications Regulatory Authority (TCRA) 2017

Strategic Pillars for Youth Engagement with Data

In order to cultivate partnerships and ensure the effective engagement of youth with data, the strategic pillars proposed by youth focus on increasing the capacity, inspiring tools and mechanisms to simplify the access, simplification of the data/information flow, and promote platforms for youth's increasing participation and engagement in creating data-driven solutions to the development challenges. The strategy recognizes that with these elements in place, youth will not only be the beneficiaries, but it will spark the increasing leadership amongst them as well as promoting partnerships between development stakeholders and youth in using data to spearhead sustainable development within the target communities, therefore, Capacity Building Pillar, Data Customization Pillar, and Engagement Pillar will be harnessed to deliver program approaches to support Youth engagement with Data. These pillars are listed below and explained in more detail in the tables that follow:

- Capacity building
- Data customization
- Youth engagement

Capacity Building

Implementers and stakeholders who aim to work with youth should support the skills and awareness building for Tanzanian youth and youth stakeholders to strengthen their confidence in interacting with and use data to harness solutions towards sustainable development.

Skills and Knowledge Building:

Opportunities for youth to access both regular and periodic skills and capacity building by dLab and other key stakeholders will be promoted to improve the capacity of youth to generate, promote and use data. Partnerships for skills and knowledge building through trainings, workshops and seminars, etc, on data use and generation for youth are highly promoted in this component. dLab and other stakeholders are also guided by this strategy to develop and review the training curriculum to ensure the relevance in the content and youth knowledge needs, example: in trainings, facilitators can contextualize activities to reference current events or issues relevant to young people in that community so that they can relate and understand better.

Data Co-creation tools for the Capacity Building:

the implementers of this strategy should support the creation and maintaining of curriculum, tools and facilities for capacity building and knowledge management for Tanzanian youth and youth stakeholders. To effectively facilitate the knowledge transfer, the strategy implementers should promote partnerships with youth themselves under the foundations of openness to accommodate wider sharing and possibilities to maximize positive results on the approaches used. dLab and other Data stakeholders should co-create with youth both online and offline tools that will be used for capacity building of youth engagement in data. Example of this tools are infographic, music, arts, graffiti, comics, mobile apps and websites, Short Text Messages (SMS) and chat bots, TV and radio programs, public service announcements (PSAs), etc.

Training Platforms:

The implementers of this strategy such as dLab and others should promote for both face-to-face and online platforms for the capacity building sessions on data with youth to be carried out. dLab and other data stakeholders capitalize on the existing and new platforms such as physical ground spaces, and online spaces such as webinar, etc, to maximize youth data learning potentials. The implementers should further promote synergizes amongst data specialists to work with other technical experts from the fields such as IT, Media Communication, etc. to facilitate the effective utilization of all platforms for knowledge transfers to/amongst youth in order to improve their skills/experiences/engagement with data.

Data Customization

Implementers and stakeholders who aim to work with youth should customize data to enable youth and youth stakeholders to use and share them effectively to inspire more data-driven initiatives, promote good decision making and support innovation.

Simplification of Data: By focusing on initiatives that focus on breaking down complex data, examples arts, media, etc, dLab and other data stakeholders should promote partnerships and collaborations with both youth in the formal and informal sectors to simplify data and make them easy for the youths and communities to relate to and understand.

Support Innovation in Data Visualization: Driving innovations which aims at making data cool and relatable, different forms of innovations such as infographics, comics, arts, media, ICT, etc should be used to support youth to visualize the customized data in order to inspire awareness raising on the key development matters within the communities.

Data customization tool: Through dLab and other key stakeholders, Youth should be equipped with both offline and online tools for data customization to enable them to analyze and make use of the accessed information to produce the data-driven outcomes that contributes to the sustainable development. Tools such as infographics, spreadsheets and excel, charts, graphics and animations, drawings, comics and graffiti, etc, can be used to make this component successful.

Youth Engagement

Implementers and stakeholders who aim to work with youth should promote the enabling environments for youth to engage with other stakeholders in using data and championing data-driven actions for sustainable development.

Friendly and Positive Platforms for Engagement: dLab and other stakeholders should support the creation and sustaining of positive environment for youth to engage with data, formulate and run data-driven initiatives to enhance sustainable development within their communities. These platforms could be in the form of physical meetings and dialogues, workshops, trainings, concerts, online engagement via social media channels, etc, and the meetups can be scheduled on different timing as per the identified actions and needs.

Stewarding a Network of Youth Data Ambassadors: dLab and other data stakeholders should champion the creation and sustaining of the network of data ambassadors who collaborate with other stakeholders to promote the positive experiences and environment in data use to make informed decisions, design and run data-driven initiatives to inspire positive changes in the Tanzanian, Regional and International communities. The implementers should also support the use of both online and offline mechanisms through the existing and new platforms such as the WhatsApp groups, Facebook groups, other virtual platforms, forums, etc. for the data ambassadors to continue interacting and collaborate to create solutions to the development challenges.

Support Youth Data-driven Initiatives/actions: dLab and other key stakeholder should support youth and youth stakeholders to design, and collaborate in implementing data-driven initiatives to curb development challenges in their communities. Opportunities in capacity and skills building, exchange of best practices through workshops, trainings, etc; partnership and fundraising to financing initiatives such as exhibitions, and development projects, etc, should be promoted to inspire tangible outcomes by Tanzanian youth and relevant stakeholders in influencing sustainable development in the country, regional and on the international platforms.



Behind the scenes of the KINASA artists recording NARUDI NYUBANI (I'm coming back home) song in Temeke Dar es salaam Tanzania in front of a mural raising awareness on drug abuse.

Strategic Thematic Area

The Data Youth Engagement Strategy provides the framework for dLab and other stakeholders to support and strengthen youth capacities to access, interact with data, and use their platforms to collaborate with other stakeholders to develop, run and sustain data-driven initiatives to spearhead sustainable development in their communities, therefore, in the period 2018 - 2023, the thematic areas for this strategy are Youth Economic Empowerment, Health, Education, and Innovation, which align with Sustainable Development Goals for Tanzania and based on the coherent inputs proposed by youth themselves from the focus group discussions and Interviews conducted during the making of this strategy. The strategic thematic areas are further elaborated below:

Theme One: Youth Economic Empowerment

Supporting youth engagement in economic investment

The performance of the Tanzanian economy has recorded an encouraging 6-7 percent average annual growth rate by 2017, according to the 2018 World Bank economic overview of the country. Areas showing the strongest growth include infrastructure, construction, mining, transportation and the private sector. In this context, youth emerge as a strong catalyst to attract business opportunities, engage in sustainable investments, and realize valuable business activities. Supporting convergence of data generation and use with prospective economic opportunities brings out an effective platform for economic excellence. The implementers of the strategy should leverage on the economic potentials of youth to generate wealth by enabling them with necessary skills sets (mostly technological and industrial) that match with the contemporary economic potentials in Tanzania and worldwide. dLab and other stakeholders should also provide the framework to support youth through the channeling of resources such as funds, technical and capacity support e.g. skills building, mentorship and coaching, economic investment trainings, etc.

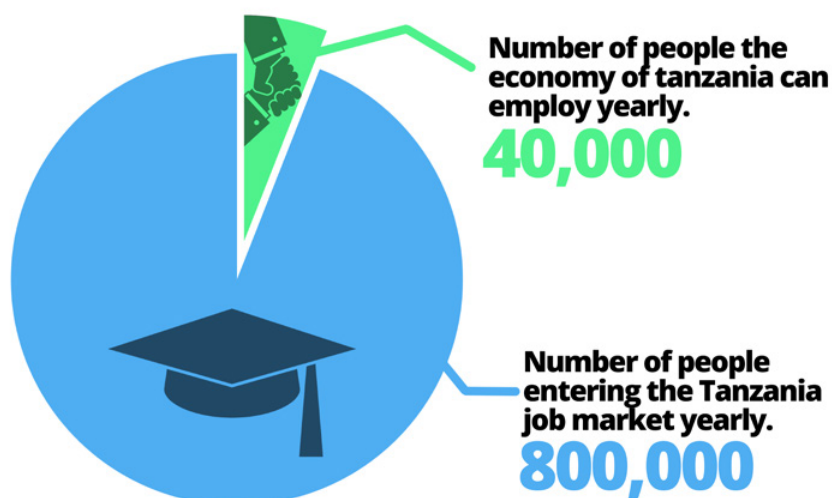
Championing coordination and preparation of data for end-users' needs

Supporting the access and utilization of data brings forth economic opportunities for tech-savvy young Tanzanians. dLab and other stakeholders therefore should support actions such as coalition building and network forming, technical skills and resources mobilization to promote youth's increasing participation in gathering, managing, organizing and coordinate data for youth to meet end-users' needs while generating income in the process.

The inclusion of youth in technological business

dLab and other stakeholders should support the creation of platforms for youth to build their capacity and knowledge to engage, seize the opportunity to participate, contribute and benefit economically through various opportunities such as agribusiness, media content broadcasting services, data management business, etc through employments, research and development, incubations and funding, etc. This therefore presents viable opportunities for youth and youth stakeholders to participate fairly in the economic arena.

Encourage Involvement of youth in making informed economic decisions To ensure the increased number of youth in making informed economic decisions, it requires reliable and accurate information on sustainable development plans and actions, therefore, dLab and other data stakeholders should aim to provide frameworks for youth to access data/information that can ensure optimal resources allocation to ensure positive results in their actions, example, an online resource center in the form of website can be established and be filled with information/ data periodically to give youth and youth data stakeholders with information that helps them to understand different variables to make informed decisions. Inadequate data in the area of investment and entrepreneurship generates significant costs and has a detrimental effect on youth initiatives, therefore, with the right structures in place to generate data, sensible economic investment actions can be achieved, with barriers lifted for youth to be a positive transformational driver for the Tanzanian economy.



SOURCE: National Economic Status Book 2016

Theme Two: Health

Championing data for health improvement

This Strategy underscores the importance of linking the access to accurate data to improve health services/systems, therefore, dLab and other stakeholders should support the provision of capacity and skills building, provide financial and material supports to increase youth engagement in finding and implementing solutions through data-driven actions to improve the health sector in Tanzania. Mechanisms for youth to work with the decision makers and policy makers in this sector should also be strengthened by dLab and other stakeholders. The implementers should further support the frameworks and actions that seek to promote dialogue and interactions between youth, experts, policy makers and other health stakeholders through platforms to dialogue on data generation, flow and use to strengthen the provision of the health services in their communities. Actions such as youth-driven dialogues, symposiums, mainstream and online media interactions, arts-driven, etc should be supported to encourage youth engagement with data for sustainable development.

Championing data use for rural health improvements

The dLab and other data stakeholders should embark in interventions which seeks to improve both youth capacity and engagement in advancing health sector in the rural areas. The opportunities for youth in the rural to work together with dLab and other key stakeholders in co-creating solutions through program actions, skills and capacity building should also be harnessed. The usage of both ground and media actions should be supported to ensure wider reach, engagement and coverage for youth in the rural to design and run data-driven solutions in the health sector within the rural communities.



Medical students from Muhimbili University in the library. They were a part of the competition that required them to use technology in solving health challenges in Tanzania

4 out of **10** houses don't have access to improved sources of drinking water



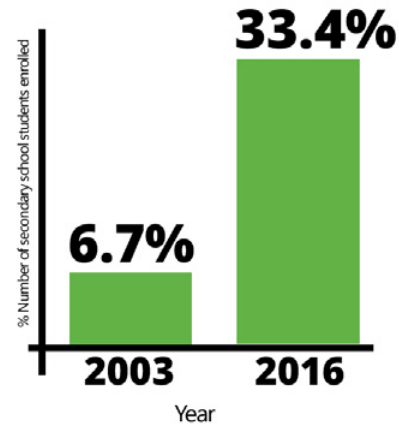
SOURCE: Tanzania Demographic and Health Survey and Malaria Indicator Survey 2015-2016: National Bureau of Statistics

Theme Three: Education

Fostering Data use for education excellence

dLab and other stakeholders should work with youth to promote education in Tanzania. The available forces in terms of technology, funding, trainings, mentorship, etc, on data generation and usage to improve both actions by youth and youth stakeholders on information dissemination for youth learning purposes should be harnessed more. Understanding the importance of flowing of data to inspire knowledge gaining among youth, the implementers should advocate for young minds all over the country to be able to access accurate and actionable information to increase their understanding on the variables within the education sector. Also in this component, both technical and non-technical data-driven approaches by youth and youth stakeholders should be supported to realize their potentials. Opportunities for youth to run researches, and studies to generate data-driven learning with potentials of scaling the solutions into products and program actions should also be supported to advance youth careers through education.

Secondary school students Enrollment Percentages¹⁰



SOURCE: Basic Education Statistics in Tanzania (BEST), 2012–2016; National Bureau of Statistics, Population and Housing Census, 2012

Theme Four: Innovation

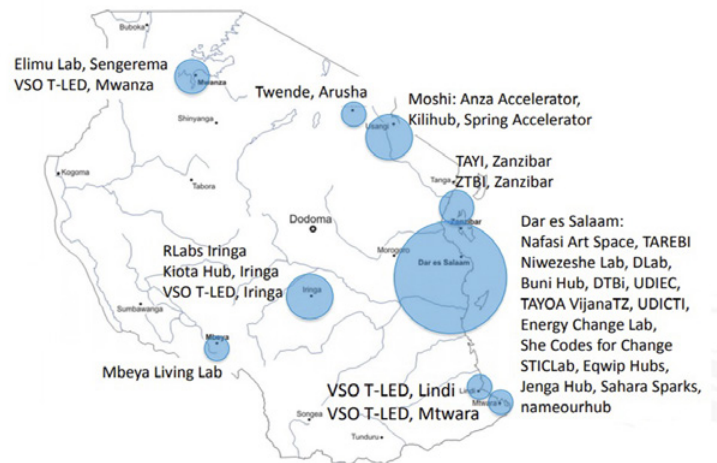
Support and Steering youth data-driven Innovations

Data breathe life into innovation. dLab and other data stakeholders should support and work with youth in designing and run data-driven innovations to meet the growing demand for solutions to accelerate community development. As most youths find themselves behind in accessing accurate data to facilitate their innovation, the implementers should encourage and support youth innovation initiatives by exposing youth to relevant real-time data, platforms to grow their networks and exposures, capacity development and financing. Example of the actions that can support this component are innovation and entrepreneurship challenges that seek to both mentor and financially support the successive innovations to grow and reach their potentials.

Promoting spaces for youth to develop and promote data-driven innovations

In order to promote innovations and creativity for youth to design solutions that tackle development challenges in health, economy and education, dLab and other data stakeholders should support the creation and running of both offline and online platforms for youth to link with their peers, government, development partners and other important stakeholders to develop and promote data-driven innovations. By creating conducive virtual and physical spaces for data-driven innovation example WhatsApp, Facebook, Twitter, Instagram, Skype, etc, youth will be at the forefront of realizing their long-kept dreams, ideas and visions which are centred towards positive shifts to enhance sustainable development in Tanzania.

Tanzania Map of Hubs and Innovation Space



SOURCE: Tanzania Innovation Ecosystem Mapping and Hubs Study, HDIF

10 The net enrollment rate in Secondary Education is the proportion of children of age 14 to 17 years who are enrolled in forms 1 to 4 in Secondary schools to the population age 14 to 17 years.

Theory of Change

This strategy's theory of change gives a comprehensive illustration of how youth will be enhanced to become the driving force in the sustainable development in Tanzania through data-driven actions. With the desired impact in mind, this theory of change works backward to identifying the desired outcomes and interventions that should be done to turn the challenges into the desired impact.

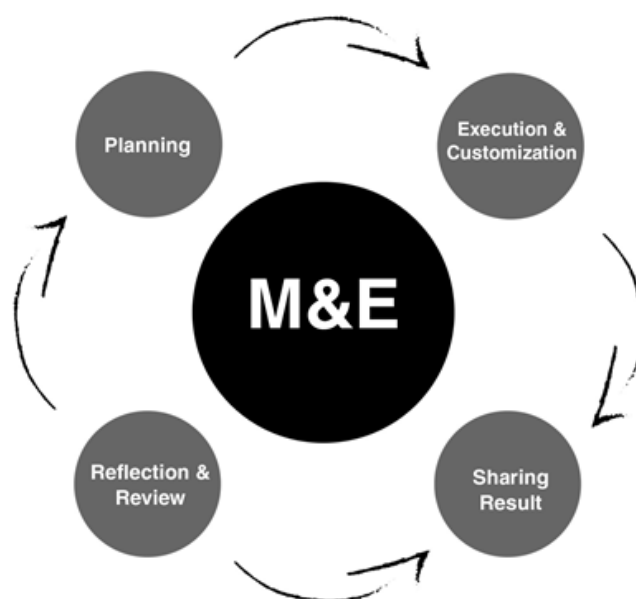
Challenge	Intervention	Outcome	Impact
Limited Youth Data literacy	Capacity building for youth on data and its linkages with sustainable development.	Increased youth capacity on data to spearhead sustainable development.	Youth are the driving force in the sustainable development in Tanzania through data-driven actions.
Limited Youth Data literacy	Support online and offline interventions to facilitate increased access to data.	Increased access to data to inform decisions and interventions.	
Limited support in the data-driven initiatives by youth	Promote and support youth access to opportunities to run and sustain data-driven initiatives.	Increased youth data-driven initiatives in the Tanzania.	
Low engagement of youth in Data generation and use for sustainable development.	Support the increased youth engagement in data generation and use for sustainable development.	Increased number of youth and youth stakeholders in data generation and use for sustainable development.	
Weak youth network for data and knowledge sharing	Create a safe space for youth to network and access data, informational resources and knowledge.	Increased number of platforms and youth engaged in data actions, knowledge and best practices exchange.	

Monitoring and Evaluation

The Tanzania Youth Data Engagement Strategy is a coherent tool that will guide youth stakeholders and development actors to work with youth and for youth to engage in data-driven initiatives in Tanzania. This will result in data-driven development, cutting across the areas of entrepreneurship, health, education and innovation.

This strategy calls on dLab and other stakeholders to develop M&E plans to guide the execution of the necessary interventions to achieve intended results. In addition, youth and youth stakeholders are to be at the core of the strategy implementation, which will also accommodate customization by several stakeholders to ensure effectiveness.

As such, sharing impact results with all youth stakeholders for the purpose of understanding the efficiency of the strategy is a priority. Moreover, periodic review of the implementation plan versus the intended outcomes will ensure a continuous focus on the effectiveness of the strategy implementation over time.



Thematic areas alignment with Tanzania vision 2025, Africa Union Agenda 2063 and United Nations SDGs 2030.

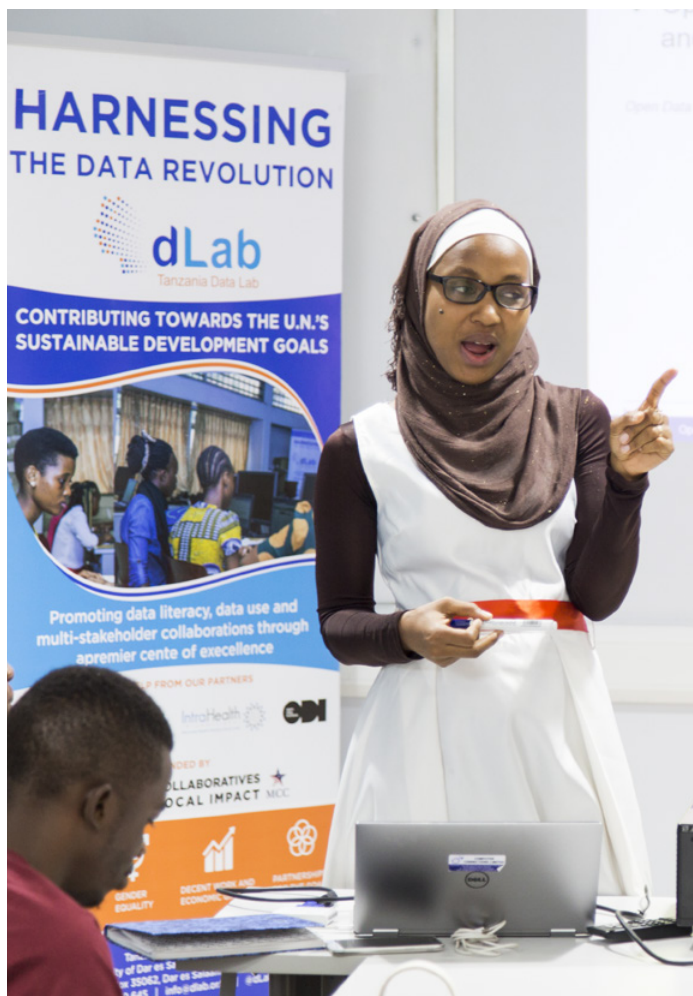
The linkage between this strategy and the Tanzania Vision 2025, African Union Agenda 2063 and United Nations SDGs 2030 is established as a result of a desk review analysis, which broke down the existing frameworks and case studies that focused on how to engage youth with data. It also indicates the contribution of the strategy to both national, regional and international development frameworks, as indicated below:

Data Youth Strategy Goal	Tanzania Vision 2025 Goal	Africa Union Agenda 2063 Goal	United Nations SDGs 2030 Goal
Provide a framework for implementers and stakeholders of this strategy to engage with youth in data to champion sustainable development.	Target: To be a mid-sized income country with, high quality livelihood, peace and stability, good governance, well-educated and learning society and a semi industrialized competitive economy capable of producing sustainable growth and shared benefits	Aspiration: A high standard of living, quality of life and well-being for all citizens.	Aim: Transforming and balancing the world with three dimensions of sustainable development: economic, social and environment.
Strategic Thematic areas alignment with Tanzania vision 2025, Africa Union Agenda 2063 and United Nations SDGs 2030			
<ul style="list-style-type: none"> ● Support youth engagement in economic investment ● Championing coordination and preparation of data for end-users' needs ● The inclusion of youth in technological business ● Encourage youth to make economically-sound decisions 	<p>Objective: To mobilize and organize national resources strategically in order to: nurture an industrial economy in a bid to transform Tanzania into a semi-industrialized nation by 2025.</p> <p>Objective: Accelerate economic growth while making sure that the quality of that growth will benefit the majority of the people in terms of significant poverty reduction and job creation especially for the youth</p>	<p>Aspirations: An Africa whose development is people driven, relying on the potential offered by African people especially its women and youth, and caring for children.</p> <p>Goal 4: Transformed Economies with priority on sustainable and inclusive growth, STI driven manufacturing/ industrialization and value addition</p> <p>Goal 18: Engaged and empowered youth and children:</p>	<p>Goal 1: End poverty in all its forms everywhere</p> <p>Goal 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</p>
<p>Health</p> <ul style="list-style-type: none"> ● Championing data for health improvement ● Championing data use for rural health improvements 	Aim: The Tanzania Development Vision guides efforts channeled toward having a population with high quality of life.	Goal 3: Healthy and well-nourished citizens.	Goal 3: Ensure healthy lives and promote well-being for all at all ages
<p>Education</p> <ul style="list-style-type: none"> ● Fostering Data for education excellence 	Aim: The Development Vision focuses on fostering a well-educated and learning society	Goal 2: Well educated citizens and skills revolution underpinned by science, Technology and Innovation.	Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all
<p>Innovation</p> <ul style="list-style-type: none"> ● Supporting and Steering data-driven for Innovation ● Promoting spaces for data-driven innovation 	Aim: To steer large investment in energy generation, transportation and Information Communications Technology (ICT) infrastructure and improvement of the business environment	Goal 2: Well educated citizens and skills revolution underpinned by science, Technology and Innovation.	Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation Goal 11: Sustainable cities and communities

Coordination, Governance and Operationalization

The ownership of Youth Data Engagement Strategy (YDES) is equally shared by all stakeholders championing data engagement at global, regional and national levels. Data Lab Tanzania (dLab) will be the custodian of Youth Data Engagement Strategy together with Tanzania Bora Initiative (TBI) will make sure other data stakeholders and ecosystem supports the initiative to its efficacious execution.

Coordination and Governance



The data lead trainer of dLab moderating an Open Data Essential Training to the Data Ideathon participants

The governance of Tanzania Youth Data Engagement Strategy will be embedded in the regional, national and global initiatives that will be reinforced by dLab and other stakeholders who may see it fit to adopt and use. An impactful implementation of this strategy will highly depend on effective and efficient collaboration between youth, government entities such as NBS and COSTECH as well as creative partnerships among the priorities and actions outlined in the strategy and the proposed approach. dLab and other stakeholders should ensure there is alignment with youth data needs and data ecosystem, guide effective connections and synergies at all levels including reassuring partnerships in support of the strategy.

Operationalization

To ensure that there's effectual interchange of information and ideas, dLab and other stakeholders such as Tanzania Bora Initiative (TBI), DLI, Tanzania Youth Data Ambassadors, and development partners, etc, should build synergies and collaborations in actions development, implementations, evaluations and reporting. It is also expected that government bodies such as NBS and COSTECH will work closely with dLab on Tanzania Youth Data Engagement Strategy implementation and review. The strategy will span for 5 years until 2023, whereby the initial action plan should be developed and presented by the implementers to the intended stakeholders for more information and implementation. This should also include the training manuals and methodology on engaging with youth in data utilization. During the implementation, dLab and other stakeholders should enforce their boundaries to be able to reach more youths who makes up to 35.1% of the entire population in Tanzania. The implementers should also give more insight on youth-defined data "wishlist" of activities thus will lead to the customization of the trainings and workshops they lead.



A research expert from Sahara Sparks explaining some details to the listening campaign participants



DATA ZETU