

2017

# The International Triple Helix Summit

Theme: Accelerating the attainment of SDGs through ICT + Data



## The International Triple Helix Summit 2017

**Theme: Accelerating the Attainment of Sustainable Development Goals through ICT & Data**

### CALL FOR ABSTRACTS

**Venue: University of Nairobi, Kenya on April 4-6, 2017**

The International Summit of the Triple Helix Association (THA) will be held for the first time in Africa on **April 4-6, 2017** at the University of Nairobi, Kenya. The theme of this THA international conference is ***“Accelerating the Attainment of Sustainable Development Goals (SDGs) Through ICT and Data”***.

United Nations and International Organizations endorsed the Millennium Declaration of the year 2000. The declaration led to the adoption of the eight time-bound Millennium Development Goals (MDGs) to be achieved by 2015. Globally, they helped steer development cooperation, increased mutual accountability and mobilized support from all development actors and practitioners.

The Africa continent excluding North Africa managed to reduce poverty levels from 56.5 per cent in 1990 to 48.4 per cent in 2010, although it was still below the set MDG target of 28.25 per cent. The continent's GDP growth remained positive from 2001, averaging at least 5 per cent above the global average of 3 per cent for nearly a decade. Overall, most African countries showed accelerated progress in expanding access to basic education. Over the MDGs period, the share of women in national parliaments in Africa increased by at least 15 per cent, the highest in the world. The under-five mortality rate reduced from 146 deaths per 1,000 live births in 1990 to 65 deaths in 2012 representing a 55.5 per cent reduction. In addition, the infant mortality rate fell from 90 deaths per 1,000 live births in 1990 to 54 deaths per 1,000 live births in 2014, an average decline of 40 per cent. For the continent it has been a progressive decade as the MDGs period has recorded the most significant development milestones in a long time.

However, many have concluded that globally the implementation of the MDGs could have been improved. Some of the main reasons for this were that there was insufficient leadership and coordination of the various actors resulting in working in silos, late acceleration of the MDGs, and insufficient multi sectorial approach in their delivery, among others. These lessons have informed the formulation of the Sustainable Development Goals (SDGs).

The theme of the Triple Helix Summit is, “Accelerating the attainment of SDGs through ICT and Data”. The SDGs that the Summit will focus on are:

**Goal 1. End poverty in all its forms everywhere**

**Goal 2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture**

**Goal 3. Ensure healthy lives and promote well-being for all at all ages**

**Goal 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all**

**Goal 7. Ensure access to affordable, reliable, sustainable and modern energy for all**

**Goal 13. Take urgent action to combat climate change and its impacts\***

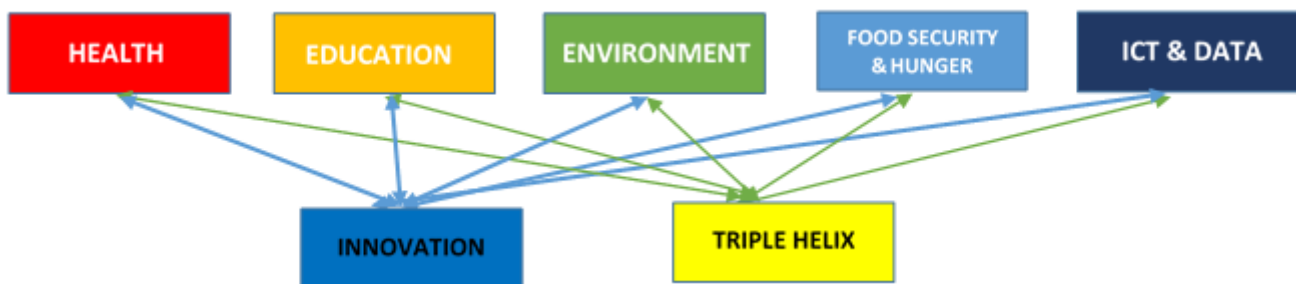
**Goal 17. Strengthen the means of implementation and revitalize the global partnership for sustainable development**

For details about the SDGs please refer:

<https://sustainabledevelopment.un.org/topics/sustainabledevelopmentgoals>

We invite participants to submit abstracts that will demonstrate how we can accelerate the attainment of the above goals through ICT and data. We particularly welcome contributions that are multidisciplinary, addressing the complexity of the Sustainable Development Goals (SDGs), proposing how ICT and Data can drive efforts to achieve these SDGs, and what role should be played by governments, industry, universities and civil society organisations (The Quadra Helix).

Presenters are encouraged to submit brief abstract on ground breaking innovations, research and best practices in [Health](#), [Education](#), [Environment](#), [Food Security and Hunger](#), [ICT & Data](#) that can turn around the pace of attaining the SDGs. All Abstract and innovation and best practice cases will be double blind peer reviewed. Authors of accepted Abstract and cases will be invited to present their work at the Summit and Abstract and cases will be included in the programme subject to successful registration of the participating authors. Accepted Abstract and cases will be published in the conference proceedings that will be made available on the [www.triplehelixsummit.org](http://www.triplehelixsummit.org).



We welcome abstracts that address one or more of the following SDGs focus areas:

### **1. Health**

1.1 *Boosting innovation and growth in health care through university-industry co-creation*

1.1.1 Service delivery for sustainable development

1.1.2 Healthy workforce for sustainable development

1.1.3 Leadership and governance in health care

1.2 *Innovations and technology for health systems*

1.2.1 Health financing

1.2.2 Health research

1.2.3 Health commodities and technologies

1.2.4 Triple helix for health service delivery support

### 1.3 *Innovations for delivering community health*

- 1.3.1 Best practices & innovations for increasing access to Reproductive, Maternal, Neonatal, Child and Adolescent Health (RMNCAH) services
- 1.3.2 Refocusing on prevention of Non-Communicable Disease (NCDs)
- 1.3.3 Sustainable implementation of community health service

## **2. Education**

### 2.1 *Entrepreneurial University - from access and curriculum to regional innovation systems*

- 2.1.1 Education workforce competences analysis
- 2.1.2 Curriculum reforms for sustainable development
- 2.1.3 Improving education relevance and pathways

### 2.2 *Innovation and technologies for education systems*

- 2.2.1 Improving quality of education through teacher performance management
- 2.2.2 Improving learning outcomes through ICT and innovation.
- 2.2.3 Establishing global innovation hubs

### 2.3 *Education system responsiveness & resilience*

- 2.3.1 Leadership, governance & accountability for development
- 2.3.2 Improving equity & inclusion through integration
- 2.3.3 Financing models for quality education

## **3. Environment**

### 3.1 *Environmental sustainability, climate change and information systems*

- 3.1.1 Climate change information system
- 3.1.2 Climate change commodities and research
- 3.1.3 Financing of interventions for combating adverse climate change

### 3.2 *Innovations and technologies for climate change*

- 3.2.1 Winning business models and partnerships
- 3.2.2 Renewable & green energy solutions and triple helix facilitation
- 3.2.3 Civil societies actions in safe guarding climate resilience and reduction of CGS emissions

### 3.3 *Climate change and resilience*

- 3.3.1 Food security and climate change
- 3.3.2 Production competitiveness of small scale farmers
- 3.3.3 Technology commercialization in production, value addition and marketing

## **4 Food Security and Hunger**

### 4.1 Climate change and Resilience

- 4.1.1 Food security and climate change
- 4.1.2 Production and competitiveness of smallholder farmers by 2030 and beyond
- 4.1.3 Technology commercialization in production, value addition and marketing
- 4.1.4 Agricultural budget allocation-appropriate levels to realise SDGs.

## **5 ICT & data**

### 5.1 *Data roadmaps for sustainable development and triple helix responsibilities*

- 5.1.1 Data for public and private decision making
- 5.1.2 Knowledge translation platforms
- 5.1.3 Innovations in civil registration and vital statistics

### 5.2 *Innovation and technology ecosystems and triple helix*

- 5.2.1 Innovations and technologies for citizen generated data

- 5.2.2 Frontiers in open data for sustainable development
- 5.2.3 Improve data quality for sustainable development

### 5.3 Data ecosystem responsiveness

- 5.3.1 Strengthening interoperability of data systems
- 5.3.2 Improving data collection and management through electronic systems
- 5.3.3 Enhancing ICT & data policies and standards

All paper submissions must be made electronically through the conference [online submission system](#) by **February 15, 2016**.

#### **Paper Format**

The word limit is limited to 300 words excluding references, tables, charts, graphs and figures. Please use APA referencing style, 12 point Calibri font, and structure your paper using the following headings:

1. Aim/purpose;
2. Rationale;
3. Research design/Innovation;
4. Scientific approaches;
5. Key outcomes / contributions including evidence of failure and success in a focus areas
6. Conclusions and Recommendations

If your paper is a theoretical one, please use appropriate headings. Please, *do not* include your name or affiliation on the document so it is ready for double blind peer reviewing.

Please upload your paper as an attached word document at the paper submission system <http://triplehelixsummit.org/call-for-Abstract/>

Participants are invited to join one of the roundtables that are set to advance the development and launch of Quadra Helix SDGs Acceleration Roadmap. Please, [register your participation here](#)

In addition to the formal scientific sessions and the Quadra Helix Groups we invite potential participants to propose special events which are relevant and complementary to the thrust of enquiries set in our Call for abstract. If you would like to propose a special event (roundtable discussion, project review session, or an interactive workshop) please, e-mail your proposal to Philip Mbithi ([pmbithi@ichooselife.or.ke](mailto:pmbithi@ichooselife.or.ke)).

If you have any questions, please email Philip Mbithi ([pmbithi@ichooselife.or.ke](mailto:pmbithi@ichooselife.or.ke)) or Eric Nyamwaro ([enyamwaro@ichooselife.or.ke](mailto:enyamwaro@ichooselife.or.ke)).

Looking forward to receiving your abstract and contributions.

The Secretariat

*A sample of draft abstract*

**Abstracts Title Must be Title Case in Calibri 12pt**

Author Name<sup>1</sup>, Author Name<sup>1</sup>, Author Name<sup>1</sup> and Author Name<sup>2</sup>

<sup>1</sup>First Affiliation listed with formal organization name

<sup>2</sup>Second Affiliation listed with formal organization name

**ABSTRACT**

Your abstract must be no longer than 300 words of text (excluding title, authors and institutions or affiliations, and references). Abbreviations may be used but they must be spelt out in full at the first mention, followed by the abbreviation in parentheses. Your abstract must contain a title, written in Title Case and **bold**, as shown in the title above; all authors/presenters listed with their associated organisations/institutions. This should also be written in title case, as above. Titles, degrees and awards should not be included. The body of your abstract should be written in sentence case, Calibri size 12, left aligned and must be a maximum of 300 words. Paragraphs should be single spaced, left aligned and a 10 point space should be left between each paragraph. Abstract that do not conform to this template may be declined.

**REFERENCES**