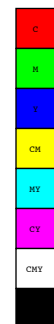# Innovation Africa 2018
Africa's Official Ministerial Meeting

Official Summit Guide

28-30 November 2018, Harare, Zimbabwe
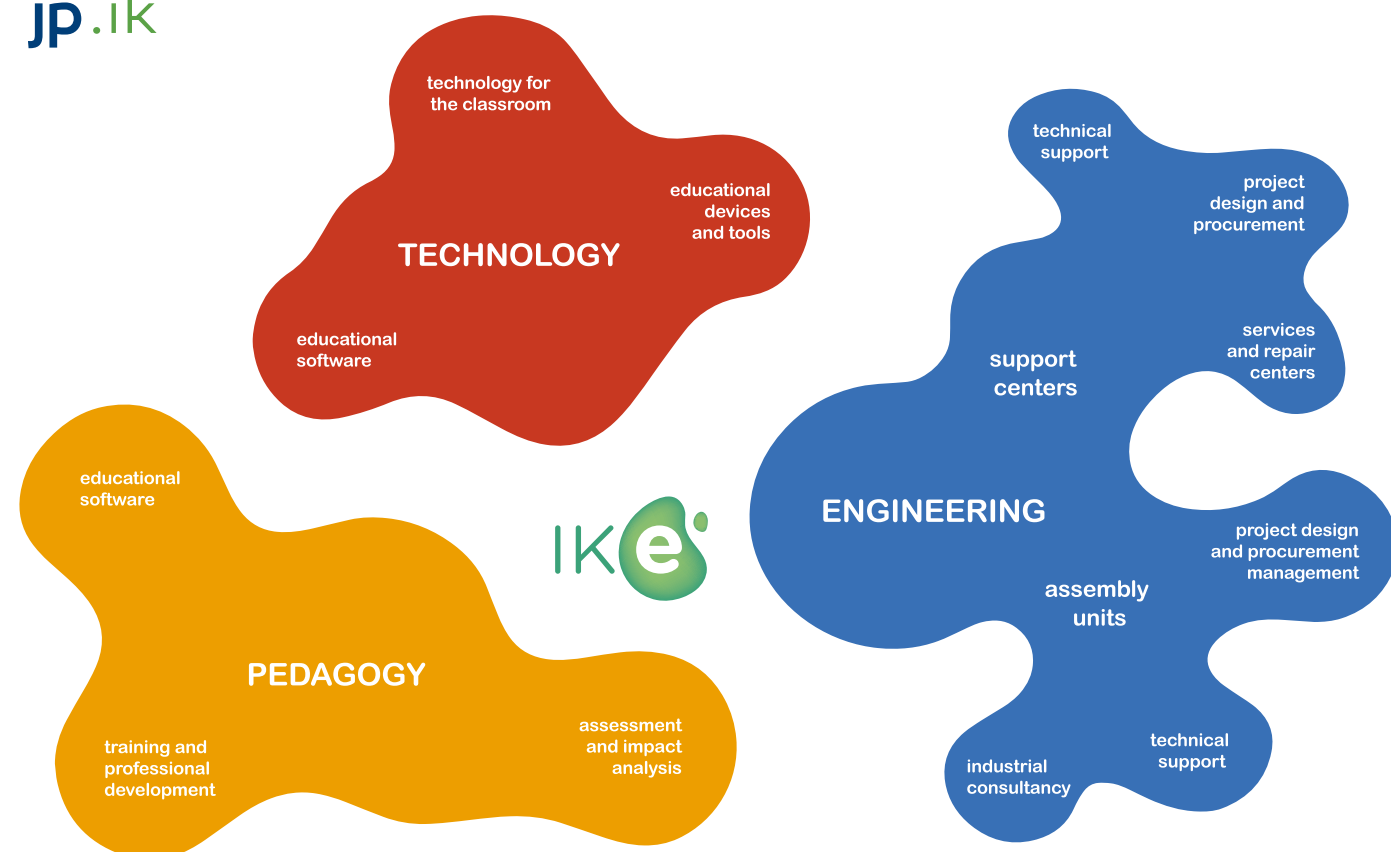
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our approach to implementing ICT-based education projects

jp.ik

TECHNOLOGY
- technology for the classroom
- educational devices and tools
- educational software

IKe

PEDAGOGY
- educational software
- training and professional development
- assessment and impact analysis

ENGINEERING
- technical support
- project design and procurement
- support centers
- services and repair centers
- project design and procurement management
- assembly units
- technical support
- industrial consultancy

INSPIRING KNOWLEDGE ECOSYSTEM

Showcases our tailored approach for Education

Engineering, Pedagogy and Technology work together to create, integrate and spread the best practices for a meaningful use of ICT in education.

Through our multidisciplinary and integrated approach, we strive to fulfil each project and each partner specific needs and requirements from early conception to the final moment of the implementation process.

Thus far, our Inspiring Knowledge Ecosystem highlights an alliance among Technology, Pedagogy and Engineering to empower the use of technology in education.

Our Inspiring Knowledge Ecosystem stands out as the cornerstone of an impacting long term Education Project.

+15M
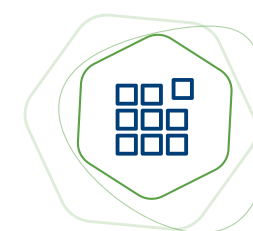teacher and student devices

+300k
teachers capacitated

+20
large-scale projects

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For Sustainable Development

PROJECTS WITH VISION FOR the future of Education

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Sustainable Unit
Solar power panels and low energy consumption

Popup School

Durability and Resistance
Submitted to several tests, it is designed for more aggressive environments

Community
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Simple & fast
Installation between 5 to 7 days

Portability
Ideal solution for remote regions

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Classera created E-learning solutions by focusing on what every learner need and want to learn and what makes them individuals. We stand with a mission to revolutionize the e-learning ecosystem all over the world, focusing on developing smart e-learning solutions, we are passionate about maintaining a sustainable engagement and motivation cycle for students everywhere. We provide our e-Learning solutions for many sectors, K-12, Higher Education, and the corporate sector, to leave a greater impact on the education ecosystem and monitor the efficiency of the educational process. In the last few years, we had managed to change the meaning of education for many education institutions both public and private, making the education process more enjoyable and interesting.

The largest worldwide educational organizations honored Classera by three prestigious awards for "Education Technologies"
Bett Award 2017 in Innovation for K-12
The Learning Award 2018 in Digital Learning Transformation
Gess Award 2018 in Best Innovation E-Learning Software

Ministerial Welcome

I am honoured to welcome you all to Innovation Africa 2018 and to the warm hospitality of Zimbabwe. I am delighted to see so many of my counterpart ministers and officials from across the African continent and very much appreciate the time you have taken out of your busy schedules to come to our good country. We are extremely gratified to note the outstanding turnout and we are most impressed that this year's Innovation Africa boasts such a large number of participating ministers, secretaries of state, deputies and senior officials.

It is also hugely encouraging that so many industry partners and international investors have travelled from far and wide to take part in this summit. Zimbabwe, like many countries in Africa, is going through a period of educational transformation with the implementation of our competence-based curriculum, a commitment to ensure connectivity across all our schools to develop ICT for education and e-learning content, and to increase capacity with investment in the construction of up to 2,000 more schools in the coming years.

I am looking forward to some stimulating panel discussions and in particular the roundtable private meetings. As the host country, Zimbabwe is ably represented by the government, universities and multiple stakeholders. We are also delighted of the commitment of UNESCO in bringing the regional launch of the Global Education Monitoring Report to Innovation Africa in Zimbabwe.

Of particular pertinence is the theme of educational transformation and ensuring we develop the necessary skills for our young populations in Africa to develop critical thinking and advance entrepreneurship. Consonant with this theme is the condition that in executing our programmes and activities, whether we are making changes to the curriculum, investing in digital learning, building advanced ICT infrastructure or developing skills, we must do so in a manner that meets the needs of Africa and simultaneously develops the local means of production.
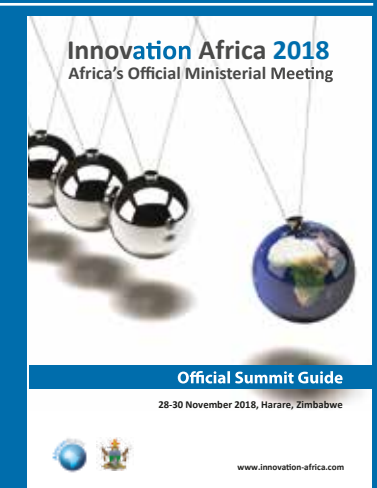
I look forward to meeting with many of you individually, throughout the event. Zimbabwe has some of the most captivating wildlife and natural beauty and I trust you can find the time to relax and enjoy your stay in our wonderful country.

Warmest regards

Hon Prof Paul Mavima
Minister of Primary & Secondary Education

Contents

Innovation Africa **2018**
Africa's Official Ministerial Meeting

Official Summit Guide

28-30 November 2018, Harare, Zimbabwe

www.innovation-africa.com

Welcome to Innovation Africa 2018

The Government of Zimbabwe and the summit organisers are delighted to welcome all delegates to Innovation Africa 2018. The purpose of the event is for government officials, civil society and industry leaders to meet under one roof and engage in opportunities to advance greater public private partnerships in ICT innovation, education and technology.

We would like to offer our warmest gratitude and appreciation to all attending government officials, industry partners, university officers and delegates. This summit is a unique meetings-based forum that is held under the official patronage of the Zimbabwe Ministry of Primary & Secondary Education and includes contribution to content and participation from multiple Zimbabwean government ministries and stakeholders.

We are especially delighted to confirm that over 30 Sub-Saharan African governments are represented at the summit by ministers, deputy ministers, permanent secretaries and leading officials. This truly makes Innovation Africa the number one high-level pan-African forum for innovation in education. We thank you for your commitment.

A special thank you is reserved to all our summit partners and delegates without whom this event would not be possible. We appreciate the support of everyone who has travelled far and wide to be in Zimbabwe this year and the time you have dedicated to participate in this important meetings-based forum.

On the evening of the 28th November there will be the Microsoft evening reception for all delegates in the grounds of the Rainbow Towers Hotel. For the 29th & 30th November, these two days are structured around our innovative program of panel discussions in the mornings and then converting to pre-scheduled one-to-one meetings during both afternoons. Please see the separate summit agenda for event timings.

There will be more than 50 dedicated meeting areas in the main conference marquee. After lunch on both days, the pre-scheduled meetings will start. Government ministries, universities and other key agencies will be hosting these roundtables and we kindly ask that all officials and delegates start the meetings promptly after lunch each day.

The floor plan of meeting tables is available at the entrance to the conference marquee. Prior to the start of the summit, partners and delegates will have utilised our online scheduling system to arrange their afternoon meetings. There will also be the opportunity to arrange ad hoc meetings through the course of the event.

We trust this forum can play its own small part in bringing together key decision-makers from government, civil society and industry to build their own relationships and strengthen public-private partnerships. We are grateful for your support and participation and we trust your time at the summit is enjoyable, and productive. We look forward to continuing our long-standing partnerships with both government and industry alike.

Warmest regards

John Glassey
CEO, Brains Innovation Summits

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ITWORX EDUCATION

As an EDUCATION SERVICES PROVIDER, we're on a journey to disrupt traditional education around the world. Our role is to lead and facilitate this transformation through the power of technological innovation. Since our inception, we've been on a mission to change the face of the education industry, and to bring education to those who do not have access. Through nation-wide implementations that support life-long learning, our solutions are driving learning outcomes by being at the core value of chain of education, offering next generation education to all citizens of the world.

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A social learning space for 21st century teaching and learning. WINJIGO is a social learning space that provides all the tools to involve students, teachers, parents and school admins in an engaging learning experience.
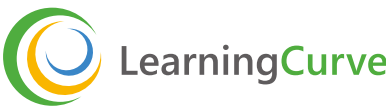
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LearningCurve is a comprehensive platform that allows organizations to PLAN, TRACK and MANAGE employees' training smoothly. LearningCurve facilitates ASSESSMENT, COLLABORATION, EVALUATION and REPORTING across the learning process.

TeacherKit

The Number One Classroom Management Tool. It enables straightforward tracking and reporting of student attendance grades and behavior.

CAMBRIDGE

Today's students, tomorrow's citizens

Working towards equal access to education for all

Only twelve years remain before we know whether the ambitious targets of the Sustainable Development Goals (SDGs) have been met by nations around the world. The stakes are high, and progress is scrutinised by governments, economists, journalists and critics alike. SDG 4, which aims to ensure inclusive and quality education for all, and promote lifelong learning, is recognised as a foundation-stone of all the goals, but how far are we from achieving this goal?

Africa Sustainable Development and the UN Reports all show some progress has been made. The recent UN Report showed a global increase in the participation rate in early childhood and primary education from 63 per cent in 2010, to 70 per cent in 2016. Despite this progress, and with many African countries such as Niger, Burkina Faso, and Ethiopia expected to make considerable progress by 2030 across the targets, significant challenges still remain. More than half of children and adolescents worldwide are not meeting minimum proficiency standards in reading and mathematics. Disparities around gender, the urban-rural divide, and access to education for vulnerable populations such as refugees still run deep.

Regular assessment of progress is vital, since it allows for transparency and accountability, and can lead to targeted action for sustained improvements in education systems. However, short-term pressures and the need for quick-fix responses can sometimes risk distracting our focus from long-term goals, replacing important work with an urgent imperative. Education is a collective enterprise, and embedding systemic, sustainable change requires all stakeholders to work together in a coherent way, fully committing to the actions that will bring about sustainable, long-term change. It also requires patience, allowing for transformations to be evolutionary, rather than revolutionary.

What skills are we aiming to develop?
Education is the catalyst for sustainable development, since it equips learners with skills and knowledge needed to promote sustainable lifestyles. But we need to ensure we are developing students' technical subject expertise alongside their human qualities such as empathy, cross-cultural communication and confidence. The African Union's Agenda 2063 highlights the importance of these values by centering its Seven Aspirations on the African Citizenry – uniting the voices of the African people in promoting a sustainable future. The African continent has vast natural resources, including minerals, oils and lakes, but the recognition that the continent's most precious resource is its people is a central pillar of Agenda 2063. There are existing skills gaps in the workforce and there is an immediate and urgent focus on improving the quality of and access to science, technology, engineering, and mathematics (STEM) education.

With this in mind, a frequent challenge for education policymakers has been how to balance a STEM focus with a sense of national history and identity, a compassionate respect for those of different cultures, nationalities, and genders, a sense of responsibility for preserving the world's natural resources, and the development of the characteristics and behaviours that go beyond subject knowledge.

These are the values that lay the groundwork for addressing global challenges of poverty, pollution, climate change, conflict, and inequality, and are a core principle of Education for Sustainable Development (ESD).

Bringing Education for Sustainable Development to the mainstream
There is growing international recognition of ESD as an integral element of quality education and a key enabler for sustainable development, and the global indicator established for Target 4.7 measures the extent to which ESD, including gender equality and human rights, is mainstreamed in national education policies, curricula, teacher education and student assessments. As stakeholders in education, it is our responsibility to find a way of effectively mainstreaming these principles into education and making ESD an integral part of the curriculum. In order to achieve this integration education policy must work together with classroom practice. It cannot be achieved by the Minister of Education or teachers alone. If we treat ESD as another bolt-on curriculum subject to be delivered alongside the core of mathematics, science, languages, and humanities, it will fail to have the necessary impact. This is where evidence-based principles of curriculum design, structured and aligned teaching and learning materials, and thoughtful, purposeful assessment come in.

At Cambridge, we understand the challenges policymakers face in delivering long-term change in a complex education system. Alignment of the diverse variables within the system is essential to drive this change successfully. The embedded ESD of the intended curriculum must be matched by the curriculum students experience in the classroom and the content of any assessment. Teacher training must ensure that teachers are prepared to effectively develop students' attitudes and approaches, and to draw out the local significance of ESD themes. Principals, teachers, parents, and other key stakeholders in the education system must understand the vision and the promise of a brighter future for young people for a policy to be supported.

Students starting primary education today will be moving to higher education in 2030. This is the generation by which we will judge our success in making quality education available for all.

> **Education is a collective enterprise, and embedding systemic, sustainable change requires all stakeholders to work together in a coherent way, fully committing to the actions that will bring about sustainable, long-term change.**

Much progress has been made, but much remains to be done. The real challenge is to make sure the urgent work of the short-term does not distract us from the important work of the long-term. It is only by seizing the opportunity today that we can realise our vision for tomorrow.
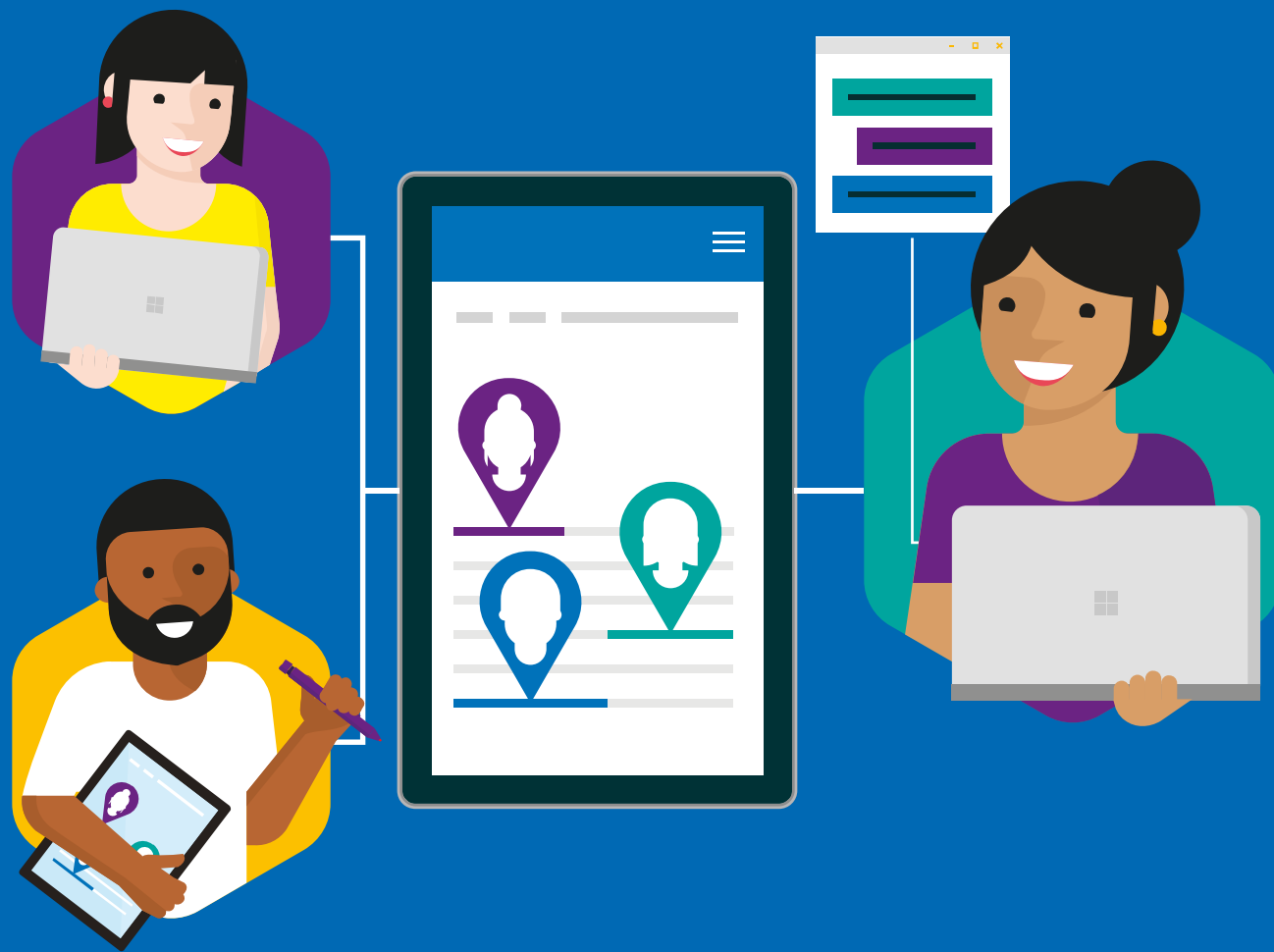
Microsoft

Meet Microsoft Teams
The hub for teamwork in Office 365 for Education

Microsoft Teams for Education provides a simple and safe experience, promotes teamwork and unlocks creativity in every student. Changes in collaboration and diversity in scenarios have encouraged new tools to prepare students for new situations, while they're still in schools and universities.

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Integrated Office 365 apps

- Apps integrate into the classroom experience, so teachers can quickly access the Office 365 apps they already use – like Word, Excel, PowerPoint, and Planner – and customize their classroom with education apps.
- School Data Sync automatically populates classes with student rosters connected to the school's information system.
- OneNote Class Notebooks are built into every class, allowing teachers to organize interactive lessons and deliver personalized learning right from Teams.
- End-to-end assignment management in Teams enables teachers to move quickly and effortlessly from creation and distribution to grading and feedback.
- Co-author and edit with Office and other files right in the app.
- Search across people, files and chats with intelligence from Microsoft Graph.
- Email integration to keep the whole team in the loop.

Customizable and extensible

- Tailor your workspace to include apps and services for the team and school.
- Pin important files for easy reference in the workspace.
- Add bots that work on a team's behalf.
- Manage trusted apps for individuals and organizations.

Enterprise security, compliance, and manageability

- Get the enterprise-level security and compliance features you expect from Office 365.
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- Compliance leadership with EUMC, HIPAA & more.
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- PSTN connectivity in Office 365 with advanced call management.

Customer testimonial

"Our students interact and socialize with a larger circle of influence than what we've ever had as a society. And when you look at how we prepare students for that type of environment, digital citizenship and literacy really come to the forefront. With technology in the classroom, we focus on the 4Cs – communication, collaboration, critical thinking, and creativity. Microsoft Teams really does all of them."

Rob Dickson, Executive Director of Information Management Systems with Omaha Public Schools

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- **Connect educators in professional learning communities** to improve teaching skills with built-in PLC Notebooks.
- **Streamline staff communication** on school-wide initiatives using custom Staff Notebooks.
- **Come together in a team** for any project, like student groups or planning events.

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Africa wins with Edtech

Can edtech and affordable internet access create opportunities for Africa?

Mobile learning (m-learning), online courses, and other aspects of e-learning technology have the potential to enhance education provision in Africa in numerous ways. From raising literacy levels in poor rural areas where education infrastructure is lacking, to complementing the existing courses at Africa's top universities, remote learning using educational technology is flexible and very versatile.

Affordable internet access is now improving in Africa, we need to seize this opportunity to improve education across the continent.

The improvement of internet access in Africa: the statistics

Internet access in Africa varies from country to country, with the percentage of internet users in a given country's population in some areas of Sub-Sahara Africa falling well below half.

In South Sudan, for example, statistics show that by the end of June 2016 there were just under 2,180,000 internet users for a population that exceeded 12,500,000 people. That means that only around a fifth of the South Sudanese population uses the internet.

> *"The UK government's Department for International Development (DfID) recently reported that only around a third of people in Sub-Sahara Africa have access to grid electricity."*

In affluent, urbanised South Africa, however, we can see that in the same period, out of a population of just over 54,300,000 people, around two thirds (28,580,000) have internet access. Even from these two examples it is clear that internet access levels in Africa vary widely from country to country, and thus that edtech solutions such as MOOCs and online courses ought to be tailored in a way that reflects that.

One thing, however, is pretty much consistent throughout the continent, and that is the fact that affordable internet access is improving. Recent GSMA statistics show that the mobile industry alone will account for 8 % of Africa's GDP by 2020, which bodes very well for the emergence and uptake of new m-learning technologies.

Though the World Bank suggests that in 2011 just 6 % of the world's internet users were African, that percentage may well reach double figures by the end of the decade.

Opportunities and challenges for mobile learning: infrastructure and innovation

One of the key reasons why internet access is so low in Sub-Saharan Africa is the fact that electricity infrastructure is very underdeveloped. The UK government's Department for International Development (DfID) recently reported that only around a third of people in Sub-Sahara Africa have access to grid electricity. Thus, it is clear that in Sub-Saharan Africa in particular, substantial developments need to be completed to ensure that the basic infrastructure is in place so that mobile and online educational opportunities can reach the entirety of the population.

The DfID reports that when it comes to Africa, excluding Sub-Saharan Africa, access to affordable and modern energy for all is a goal that can be realised by 2030. However, Sub-Saharan Africa is projected to lag 50 years behind the rest of the continent and to receive such infrastructure by 2080.

> *"Young Africans are some of the world's most innovative and aware smartphone users. This is especially the case in urban areas of countries such as Ghana, where excellent telecommunications networks are matched with an entrepreneurial spirit."*

Simultaneously, however, it is also the case that young Africans are some of the world's most innovative and aware smartphone users. This is especially the case in urban areas of countries such as Ghana, where excellent telecommunications networks are matched with an entrepreneurial spirit.

Policy and practice: a model for implementing e-learning in Africa

A recent paper by Marfo and Okine (2010) shows that 98.35 % of people at Kwame Nkrumah University of Science and Technology in Ghana (also known as KNUST), agreed that e-learning would improve their university experience. KNUST is a great case study here because it illustrated how e-learning can be implemented in a variety of ways.

The online platform Moodle was used, for instance, to collect together resources for class and to allow staff to send students group emails and announcements. At the same time, plans are being made to develop courses that can be delivered remotely, thus enabling students, including poor students who are let down by inadequate or expensive transport infrastructure, and disabled students who are not always well catered for in the classroom, to access education equally.

Another example of mobile learning and edtech in Africa is the explosion of language diplomas that are being offered in Nigeria. Here, students can, via mobile learning, study, be tested, and receive their diplomas entirely online.

> *"Online courses delivered by mobile learning should have a bright future, and edtech can make a huge contribution to closing the skills gap in Africa."*

There is a rising amount of local and regional companies that provide products and materials for online courses and exam preparations; the classical fields of m-learning. A list of edtech startups in several countries can be found via the African providers guide.

A summary of the potential uses of m-learning in Africa

Mobile learning, MOOCs, online courses, and other edtech can be used in varying ways in Africa. Many commentators see it as a viable solution to low literacy levels in more rural neighbourhoods, for example, where poor transport and primary and secondary education infrastructure makes it hard for people to get to school.

However, e-learning materials can only be accessed in these communities if both grid electricity provision and mobile phone network coverage are improved. Another way that e-learning, including m-learning, can be implemented in Africa is by integrating it with existing tertiary education structures.

As the case study of Ghana shows, staff and students alike find that e-learning platforms such as Moodle have definitely enhanced their teaching and learning experience. This online model can easily be extended to incorporate more m-learning too. In short, online courses delivered by mobile learning should have a bright future, and edtech can make a huge contribution to closing the skills gap in Africa.

EDUCATION
TECHNOLOGY

By African edtech specialist Jens Ischebeck
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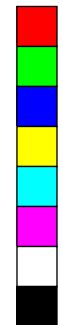
How disruptive technologies are transforming education

How is your spelling? Or rather, how is your spelling when you are lying on your back remote-navigating a virtual paper aeroplane? This integration of the motor senses with learning is one example of technology challenging traditionally accepted teaching methods. Another is a virtual chemistry lab table, where children interact with elements and create chemical reactions by placing physical cards on a glass projection screen and watching to find out what happens next. That is one way to teach chemistry, without the potential of burnt fingers and at a much lower cost than a full-scale chemistry lab. Both of these 'edu-tech' teaching tools already exist; innovations designed by Formula-D Interactive to supplement and enhance children's learning experiences while preparing them for a tech future.

For many, this future will require hard skills like coding and programming. However, with technology developing at its current speed, they will all need to be able to figure out how technology works without a manual, says Patricia Gouws, Senior Lecturer in the College of Science Engineering and Technology (CSET) at the University of South Africa. For this reason, CSET are teaching children robotics by giving them the opportunity to build and code robots themselves. This not only teaches them about teamwork, it also teaches them engineering and programming principles. More importantly, they are trained to figure things out for themselves – learning through doing. "We are preparing children to think and learn, and we are teaching them that programming is not difficult or scary," says Gouws.

> "We are preparing children to think and learn, and we are teaching them that programming is not difficult or scary."

This technology is not available to the average child yet, especially in previously disadvantaged communities. One challenge is accessibility: moving entire computer labs or virtual reality sets from school to school is no small feat. UNISA is solving this challenge by stocking a mobile unit that brings robotics to children who would otherwise not be able to participate. A second challenge is the cost of getting advanced technology into impoverished areas, which is why solutions like the virtual chemistry lab table are

designed to be more affordable. Marco Rosa, Managing Director at Formula-D Interactive, expects these types of

solutions to become more common in future. A further challenge is mindset: "Some people, including teachers, often connect 'education' with 'books and pens', while technology like games and computers are categorised as fun entertainment and even a distraction to the learning process", says Rosa. "However, this technology can be a fantastic way to enhance the learning process. The more people who realise that, the more we can use it to prepare children for the future."

A powerful way of overcoming these challenges is to shift the mindset from using edu-tech as a community or social investment project, to it being imperative for achieving the business goals of corporates. It is also not limited to children. For example, South African consumers owe R1.78 trillion in credit: increasing their financial literacy is not only good for them, but also for the banks who provide credit services. Sea Monster therefore created Moneyversity, a mobile and web interactive platform featuring engaging and educational animated content, articles and interactive elements to enhance personal finance, for Old Mutual. The learner management system platform offers 14 courses covering the basic of personal finance, to help customers to be financially smart. This enables them to understand and use products like credit responsibly.

"By doing this, you are not just building a more responsible consumer base today and letting them interact voluntarily with the brand, but you are creating a new market in future," says Glenn Gillis, CEO of Sea Monster. "Traditionally edu-tech is narrowly defined as 'How can we use the technology for school children?' It now includes how companies use education (of both children and adults) to unlock strategic value. The opportunities are endless!"

IT NEWS AFRICA
AFRICA'S TECHNOLOGY NEWS LEADER

By Daniëlle Kruger
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"The time is now for African start-ups," says Tony Elumelu Foundation CEO

The Tony Elumelu Programme provides $ 10,000 to 1,000 entrepreneurs each year over a ten year period. Since it launched five years ago they have received over 100,000 applications, which demonstrates the entrepreneurial spirit of the young in Africa. In this interview Parminder Vir, CEO of the Tony Elumelu Foundation, discusses why more needs to be done to create a conducive ecosystem for the young to build their businesses.

How important is entrepreneurship for economic growth and sustainability?

The roles that entrepreneurship can play in economic growth and sustainability cannot be overemphasised. Entrepreneurship is a vital component in innovation and the creation of a self-sustaining domestic economy. It is the young business leaders who will find African solutions for African challenges; creating jobs, driving social mobility, and adding breadth to the regional economy.

> *Successful entrepreneurs are not simply hard working, they're also innovative.*

Entrepreneurs have emerged as key employers of labour – over 70 % of Africans work for micro, small and medium enterprises (MSMEs). Supporting research by the African Development Bank (AfDB), shows that firms with fewer than 20 employees provide the most jobs in Africa's formal sector. McKinsey's Lions on the Move (2016) reports that small companies in Africa account for over 60 % of the continent's B2B spending. This number increases to over 80 % in Nigeria, Kenya, Tanzania, and Ethiopia. MSMEs also account for over 90 % of demand in agriculture and the agri-processing sector, and more than 50 % of demand in other key sectors.

Successful entrepreneurs are not simply hard working, they're also innovative. Finally, entrepreneurs help to mobilise 'idle' funds which aids economic development.

Is Africa becoming more entrepreneurial?

Africa has always been entrepreneurial! More countries are beginning to realise the strong links that exist between industrialisation, entrepreneurship, and economic growth. As Steve Case, Co-Founder of AOL and an investor in African entrepreneurs, says, "Historically, Africa has been viewed by many as a problem to solve - but now there is a growing recognition it is in fact an opportunity to seize and entrepreneurs leading the way."

Are you seeing a surge in entrepreneurship in a particular sector?

It is difficult to generalise across the Continent, but it is safer to be country specific. In South Africa, for instance, there has been a surge in the educational sector. In Nigeria, for instance, the fashion industry has witnessed the influx of entrepreneurs over the past few years. I would say the agriculture and education sectors have witnessed their fair share of growth, as most entrepreneurs find the two sectors to be attractive.

Should the government play a role in encouraging entrepreneurship?

Entrepreneurship cannot survive in an environment with unfavourable government policies. Even if governments are unable to raise enough funds to encourage and support entrepreneurship, they should be able to provide business-friendly ecosystems. Professor Daniel Isenberg published an article in the Harvard Business Review in 2010 that helped boost the awareness of this concept. The components that make up this ecosystem include, but are not limited to, the local and global market, government policy, regulatory framework and infrastructure, funding and finance, culture, universities as catalysts, education and training, and mentors, advisors and support systems. The challenge for government policy is to develop policies that work, but avoid the temptation to try to effect change via direct intervention.

Can you share a good government policy that has helped drive entrepreneurship?

Different countries have different policies in place that have aided entrepreneurship over the years. Rwanda, Ethiopia and Tanzania have implemented successful policies. In Rwanda, The Entrepreneurship Development Programme was introduced to build a critical mass of young Rwandan entrepreneurs in the next five years, while the general objective was to provide existing and potential entrepreneurs with the right skills and knowledge to become competitive players in the local or global market.

In Ethiopia the government established a state-run training and support scheme called the Entrepreneurship Development Programme (EDP). The programme, launched in 2013 and co-funded by the United Nations, offers free training and development. Meanwhile, Tanzania introduced the Sustainable Industrial Development Policy (SIDP), which places specific emphasis on promotion of small and medium industries by supporting existing and new industries in terms of promotion, simplification of taxation, licensing and registration and improving access to financial services. SIDP enables entrepreneurs with physical disabilities to take part in economic activities.

What are the biggest challenges that entrepreneurs in Africa face?

Poor infrastructure is the biggest challenge. In Africa, even the basic infrastructure is lacking, such as good roads, water supply, electricity and transportation links. Competition from foreign made goods is also intense. It is difficult for locally made goods to compete with those from developed countries which are of superior quality. Moreover, despite existing policies on financial support for small businesses, very few entrepreneurs receive financial help when they need it. Finally, multiple taxation remains a major issue, some of the entrepreneurs face different forms of taxation from the state, federal and local government. This is a major challenge. Start-ups should be granted tax holidays to encourage their growth.

> *For African start-ups there is no better time than now. African entrepreneurs see the challenges here as opportunities.*

What's your advice to young entrepreneurs and start-ups?

For African start-ups there is no better time than now. African entrepreneurs see the challenges here as opportunities. There are huge gaps in the market place from technology to agriculture, especially across value chains. Once they are successful in their local market, they can scale it across 54 countries!

How does the Tony Elumelu Foundation help entrepreneurs?

In 2015, Tony O Elumelu CON launched the Tony Elumelu Foundation Entrepreneurship Programme with $ 100m, and a decade-long commitment to empower 10,000 African entrepreneurs who will create 1m jobs and contribute $ 10bn in revenues to the African economy. The programme provides training, mentoring, funding, and membership to the largest network of African entrepreneurs across the continent

We have spent up to $ 15m dollars and offered training funding to over 3,000 entrepreneurs from 54 African countries.

African BUSINESS

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eLearning Solutions
Mainstreaming 21st Century Learning

Intel® Technology Provider
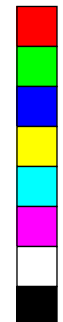
Bridging the Gap
A Paradigm Shift in Education

Successful businesses are looking for employees who can adapt to changing needs, juggle multiple responsibilities and routinely make decisions on their own. Today's economy places value on broad knowledge and skills, flexibility, cross training, multi-tasking, teaming, problem-solving and project-based work. Workers in many occupations are being asked to strengthen their cognitive skills; basic credentials, by themselves, are not enough to ensure success in the workplace. Workers must be equipped not simply with technical know-how but also with the ability to create, analyze and transform information and to interact effectively with others. Moreover, that learning will be a life long activity.

How best can our education system incorporate these 21st Century Skills?

Traditionally, educators have focused on improving student academic achievement around the three Rs (reading, writing and arithmetic) However there is a shift in learning and teaching approaches which notes that the 3R's are necessary but not sufficient building blocks in an increasingly knowledge driven economies that require an additional 4 Cs of critical thinking, collaboration, communication and creativity. The transition from 3Rs to 3Rs plus the 4Cs will, to a very large extent, addresses the profound gap between knowledge and skills most students currently learn in school and the knowledge and skills they need in typical 21st century communities, workplaces and homes.

Our Approach

The fundamental of our solution is the understanding that the education students receive today will determine the workers, citizens and families of tomorrow's society. There is therefore a need for transformation, in terms of, Curriculum & Assessment, Pedagogy and the Learning Environment.

Computers introduce interactivity into classroom instruction thereby increasing student achievement.

Computers can also simulate a 1 to 1 student to teacher scenario, further increasing student achievement

In 2010 eLearning Solutions deployed Digital Content, Classmate PCs and Intel Teach Getting Started Course at Mutasa Government Primary School. The increased interaction between students and their learning materials and also also the simulation of reduced student to teacher ratios raised the school's pass rate from 28% to 68% within one year against a national average of 39%.

Bloom's Distribution of Student Achievement by Instructional Method*

Number of Students

Tutorial, Instructor Student Ratio = 1:1

Interactive Learning: Instructor Student Ratio = 1:30

Conventional Learning, Instructor: Student Ratio = 1:30

Summative Student Achievement Scores

*Source: Benjamin Bloom, "The 2 Sigma Problem," Educational Researcher, Jun.-Jul., 1984.

**Mutasa Primary School, Zimbabwe
Grade 7 Pass Rates Compared to National Average**

PASS RATES - STATISTICS (%) National   PASS RATES - STATISTICS (%) Mutasa
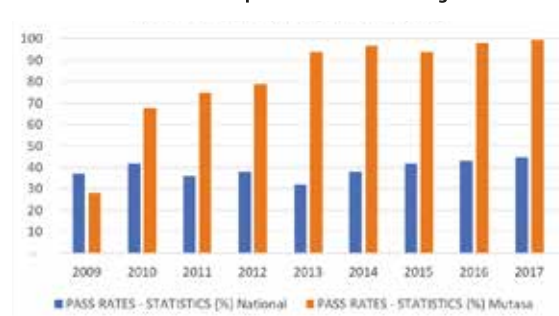
eLearning Solutions has been able to validate that using ICTs to make digital content highly interactive and using ICTs to empower the teacher produces significant increased student outcomes / achievement.

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Education Network (EduNet)
Cost Effective Broadband for Rural Connectivity and Broadcasting

The Education Network (EduNet) is a Private Wide Area Network for schools and administrative offices. EduNet enables:

1. Ministries of Education to create and broadcast lessons in an interactive environment.
2. Effective distribution of curriculum content resources
3. Scalable Continuous Professional Development
4. Realtime Data Driven Decision Making in Education Management

Our proprietary protocol, the Internet Relay Media Server (IRMS), is at the heart of EduNet. It is an extensive extension of the Internet Relay Chat thus making EduNet more interoperate with other networks and technologies to create a more stable and more consistent environment for user interactivity.

Our innovative blending of multicasting and unicasting optimises the bandwidth costs on EduNet.

Current deployment:
1. **Brazil**
   - 2 million learners
   - 7000 classrooms
   - 15 studios
2. **Zimbabwe**
   - Pilot Phase

Education Transformation
An effective education transformation can help countries to increase student competitiveness, build job skills and competencies, support economic development and provide social cohesion. We provide Education Transformation Workshops that help schools, districts and governments develop and implement education transformation roadmaps.

Content Aggregation, Licensing & Developing
eLearning Solutions has a variety of digital content that focuses on Maths and Science. The content covers both primary and secondary education. It is interactive, multimedia, has simulations and demonstrations.

Digital Pedagogy & Professional Development
Teaching and learning with technology is, fundamentally, a pedagogical rather than a technical matter, and fluency with technology does not translate automatically into the ability to teach effectively with it. We provide Digital Pedagogy training for effective ICT integration in teaching and learning.

ICT Infrastructure & Facilities
Classrooms require special technologies that conform to the way that learners work and move around and accommodate changes in the learners` behaviour in such a way that learners not only embrace, but also celebrate the classroom space. We provide education specific technology solutions that stimulate the leaner, empower educators, and promote learning excellence.

East Africa mulls harmonising postgraduate training

Countries in east Africa are considering harmonising standards of postgraduate training, observing that there exists no clear standards of either training or supervision at graduate level, among a myriad of other challenges.

The East African Community countries of Kenya, Uganda, Tanzania, Rwanda, Burundi and South Sudan want minimum standards developed for postgraduate training, as well as basic qualifications for supervisors set, to ensure they produce quality employable graduates and lecturers.

At the forefront of the efforts is the Inter-University Council for East Africa, the region's higher education authority, with the support of German Academic Exchange Service, and the African Population and Health Research Centre - through its program, the Consortium for Advanced Research Training in Africa.

"PhD training is the engine room of the university system."

Postgraduate studies in East Africa faced a myriad of problems including an uncontrolled growth of postgraduate student numbers, and a corresponding lack of supervision capacity, according to Rwanda's minister for education, Eugene Mutimura.

Other challenges included lack of a mechanism for selecting and evaluating competencies of supervisors, and a lack of an "enabling departmental or institutional culture", to support effective supervision of students, the minister told a workshop held in Kigali Rwanda, convened to craft ways of developing a regional approach to postgraduate education.

Even more worrying is a shortage of manpower for teaching and supervision, made worse by poor infrastructure according to Evelyn Gitau, director of research capacity strengthening at APHRC, a leading African think tank.

This has had a negative impact on the universities' capacity to sustainably train the next generation of university lecturers and researchers, Gitau noted.

"Therefore, there is need to address this through harmonisation of standards and guidelines for postgraduate training. This I believe should be the minimum standards for postgraduate training in the region," she told the workshop.

Recommendations on harmonisation will be presented by IUCEA, vice chancellors, other university administrators, and commissions of university education among other policy makers.

The harmonised principles and guidelines for postgraduate studies and systems will later be institutionalised in higher education institutions and countries, she said.

Establishing quality assurance at the PG level will remain a key part of DAAD's partnership.

According to Mike Kuria, deputy executive secretary, IUCEA, there existed no curriculum on how to supervise or teach at postgraduate level in east Africa, with every country and university following its own set guidelines and principles, which ultimately affects standards of training, mobility and recognition of qualifications.

"The future of the quality of higher education in the region depends on the current quality of postgraduate studies. This relies on the number of qualified postgraduate teachers and supervisors, this effort will try fill that critical gap," he told the workshop.

According to Helmut Blumbach, director of DAAD's Africa regional office in Nairobi, the organisation will make graduate training and quality of supervision part of its focus of engagement with countries in the region.

Establishment of regional standards in the field and quality assurance in higher education in general, will remain central to the longstanding and current collaboration between DAAD and the regional higher educational body IUCEA, Blumbach asserted.

"There is no quality university education without sufficient numbers of well-trained PhDs, PhD training is the engine room of the university system. If the engine splutters, universities will not meet expectations," noted the director.

Such an effort should take advantage of the foundation already laid by the May 2017 declaration of east Africa as a Common Higher Education Area, said Ken Obura, chief administrative secretary in Kenya's ministry of East African Community affairs.

By Maina Waruru
Maina Waruru is a freelance journalist based in Nairobi, Kenya and specialising in science and higher education reporting. He has over 15 years of experience and has been published by the BBC Online, the New Scientist, the Scientist Thomson Reuters Foundation, University World News and Scidev.net.

THE PIE

Professionals in International Education

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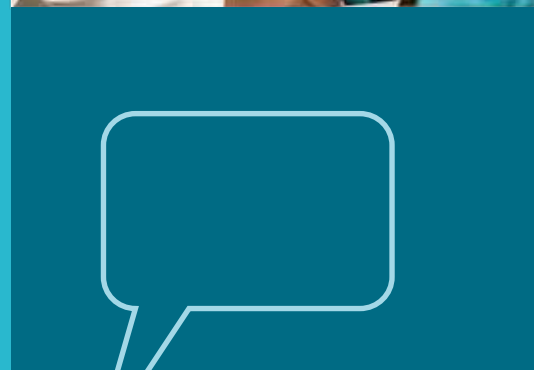
Inclusive education

Teacher development

Africa's first online database on education research

A database on education research conducted by Africa-based researchers has been launched to raise the visibility and impact of such research.

The database, which has about 2,000 education research including theses and working papers on 49 African countries, resulted from the collaboration between the Research for Equitable Access and Learning (REAL) Centre at the UK-based University of Cambridge and the Education Sub-Saharan Africa , a charity with a mission to transform educational outcomes on the continent.

The database is searchable by country, research methods and keywords such as access to education, early childhood education, higher education, school feeding and literacy.

"There are some existing inventories and databases for specific contexts but no central location to access [education] publications by African-based researchers, which has contributed to a lack of visibility and use of this research," says Rafael Mitchell, a researcher at the REAL Centre. "We hope that the database will facilitate greater use of research written by those in African universities and research institutions to ensure it is drawn upon and cited, and to be used to influence policy and practice.

"This should also help to ensure that research by African-based researchers is taken into account in global debates. There is a lot of important work done by researchers in the region that is currently overlooked and undervalued."

> *"We hope that the database will facilitate greater use of research written by those in African universities and research institutions." Rafael Mitchell, Research for Equitable Access and Learning (REAL) Centre*

Wisdom Harrison K. Hordzi, the Ghana coordinator of the Educational Research Network for West and Central Africa, agrees and tells SciDev.Net, "The database will help

researchers and others to know what education research has already been conducted on Sub-Saharan Africa and identify gaps for more research."

Hordzi adds that the database could make people appreciate the contribution of African education researchers.

"People think that education researchers in Africa are not doing anything. The database will help others know that at least we are doing something," explains Hordzi, a senior lecturer at the Ghana-based University of Education, Winneba.

According to Mitchell, it will help researchers and others to identify where future research is likely to be most urgent.

"Our preliminary analysis indicates that a large amount of research is on higher education, around 30 per cent of the publications. Yet, in Sub-Saharan Africa, less than one per cent of the poorest reach higher education," she says.

Only around three per cent is on early childhood education, which suggests that limited evidence is available that can inform policymakers on how to address disadvantage in education from the early years, Mitchell explains.

Types of research methods and their proportions used by African education researchers as of July 2018
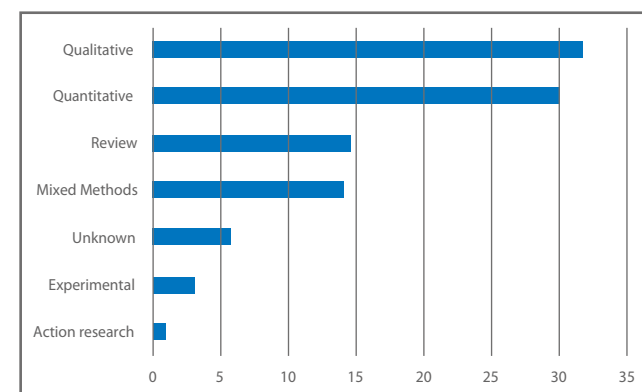
Source: African Education Research Database

The database was launched on 15 June at an event hosted by the French Development Agency in France.

The creation of the database started in May 2017. The first phase was completed by May 2018, with the launch of the database the following month but the process is ongoing as more research can and will be integrated, according to Mitchell.

It is being funded by ESSA - Education Sub Saharan Africa. To finance the two research positions at the REAL Centre, University of Cambridge, ESSA has raised funds from individual donors. The Jacobs Foundation, Zurich also joined this endeavour as a partner, providing funding for the second year of mapping project.

> *The database could provide greater opportunities for research funding.*

Mitchell tells SciDev.Net that the database - the first of its kind in Africa - could provide greater opportunities for research funding in areas of priority to Africa researchers and research funders.

Beatrice Muganda, director, higher education programme at the Kenya-based Partnership for African Social and Governance Research, says there is a dearth of literature on Africa written by Africans on issues affecting them.

"Scholars, researchers and students are persistently searching for relevant case studies and empirical evidence that speaks adequately to the local context," Muganda tells SciDev.Net. "Any effort made to address this gap is laudable."

Muganda says that although the database could help researchers, repositories are hardly the right platforms for helping policymakers to access research.

She calls on researchers to make education research findings accessible to policymakers through active outreach initiatives.

CANON
FOR EDUCATION

Learning support systems created by education specialists

There can be no shortcuts in education. Today's schools, colleges and universities have to provide agile, personalised learning, with limited budgets and closer regulation than ever before. Canon has a long experience of supporting educational establishments, teachers and students with services and technology that enable learning experiences fit for a fast-moving, mobile and connected world.

We have helped schools streamline their admission and enrolment processes, simplifying data capture and reducing errors. Our mobile services, such as mobile printing, also help to extend essential services to students and teachers beyond the walls of schools and colleges.

Canon

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We work with educational institutions across Europe, as well as many service providers to the education sector.

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Similarly, the challenges of cost control, service quality and providing outstanding student experiences are universal.

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Canon solutions and services allow controlled and monitored access for authorised users, including third parties such as regulators or examination boards, while maintaining strict version control and preventing unauthorised intrusion. We can eliminate wasteful processes and duplication and speed up collaboration and sharing.

Student case fulfilment

Canon solutions and services are highly flexible, even streamlining additional processes for international or post-graduate students, or students with specials needs. Data capture and verification can be automated, speeding up responsiveness to students.

Compliance management

Canon's compliance management includes security and archiving solutions and services, as well as access controls for sensitive data such as student records. We can also extend the control and protection out into the mobile world, with secure mobile printing to prevent hard copies straying into the wrong hands.

Internal communications

Distributing essential digital and printed information internally can be made easier and less costly with the right blend of printing and scanning services. Canon solutions and services can automate and digitise many of the routine processes of communication, ensuring print services are as cost-efficient as possible.

External communications

As with your internal communications, Canon's printing, automation and digitisation solutions and services can take away much of the laborious work and extra cost involved in ensuring the right information reaches the right people. Unfortunately, there is no process known for ensuring students actually give printed documents to their parents when they get home.

Cost and energy management

Canon's Managed Print Services can take away all the routine management and servicing associated with your printing requirements, while making them fully accountable. We'll ensure you are spending no more than is absolutely necessary and that your print services are sustainable and environmentally responsible.

Finance and procurement management

Canon's end-to-end workflow automation solutions and services can ensure you avoid late payment penalties, and take full advantage of any discounts for early settlement. You also have much greater visibility of all departmental purchases, so you can control budgets, manage your supplier relationships easily, and make sure your organisation is achieving best value.

Central print and personalisation

The education sector inevitably generates vast amounts of printed matter, from glossy prospectuses to alumni communications and internal course material, much of which needs to be personalised. We'll help you meet the increasing demand for tailored information by improving the quality and impact of your printed communications through more intelligent use of your different data sources, while reducing the cost.

Seizing tech opportunities in Zimbabwe's new era
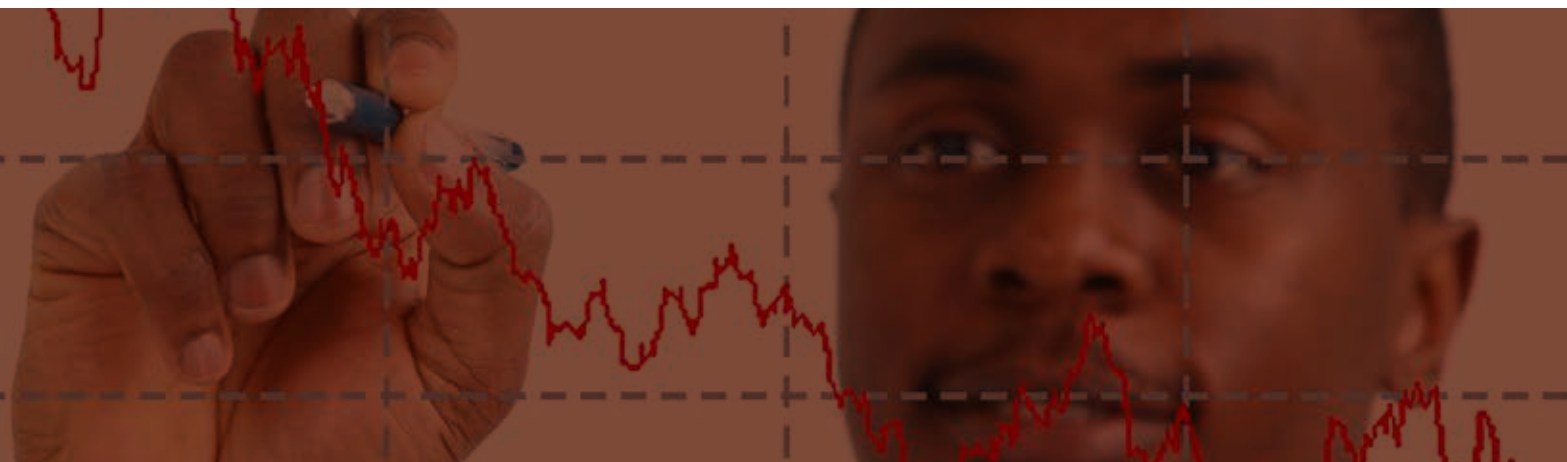
Following the events of November 2017, there has been a seismic shift in the political and business environment underpinned by the new maxim 'Zimbabwe is open for business'.

As a result of a PR offensive by President Emmerson Dambudzo Mnangagwa, Zimbabwe has seen an upsurge in investment conferences across various sectors as investors seek to understand the potential investment opportunities available. These and other efforts have already led to the government securing some US15$ billion worth of investment commitments from foreign investors to date, while the diaspora community express renewed interest in working with a new Zimbabwe.

Broad and necessary reforms have already been put in place to position Zimbabwe as an attractive investment destination including the effective repeal of key areas of the Indigenisation Act such that with the exception of the mining sector (specifically extractive mining of diamonds and platinum), any investor can now acquire or control business without limitation on shareholding.

Zimbabwe's economic progress will hinge on the provision of world-class connectivity.

Significant changes have also been made to the Electoral Act to allow for the provision of free and fair elections, while the government has also committed to inviting international observers to witness future elections in the country.

Locally there has been an upsurge in capacity utilisation and overall industrial growth. While the country does continue to experience cash liquidity shortages and foreign currency availability continues to be constrained, the government is actively working to normalise the situation as much as possible to create a productive business environment for local and foreign investors alike.

Zimbabwe's economic progress will hinge on the provision of world-class connectivity and communications solutions within the corporate and business sector, and as a matter of

course should include enterprise grade MPLS, VSAT services, fibre, WiMAX, cloud solutions, server hosting and software licensing, data centre operations, intrusion prevention solutions, communications and IOT solutions.

Like many other developing nations Zimbabwe is undergoing a transition from an agriculture and

manufacturing-based economy to one focused primarily on the service sector.

Zimbabwe's own transition to a service-based economy has partly been caused by the economic meltdown that saw an 80 to 90 percent unemployment rate in the formal sector and an upsurge in freelancers, entrepreneurs and small-to-medium-sized enterprises, which in turn has led to an ever-increasing move to the digitalisation of services.

Just one example is the extreme cash shortages which resulted in a shift in the provision of financial services from physical transactions to online transactions. There has also been an increase in online mobile financial services. Insurance can now be bought online and in the tourism sector it is now possible for customers to book and pay online for hotels, restaurants, cruises and the like.

There is no doubt that as the economy opens up Zimbabwean business will need to respond to the disruption technology is causing globally and the change in customer tastes and preferences. The promotion of tech and innovation hubs will also be crucial in aiding the growth of a thriving service-based economy.

The SME opportunity

While corporate connectivity will provide the foundations of a growing economy, the provision of technology solutions within the SME sector will ensure Zimbabwe's growth path is as inclusive and wide-ranging as possible.

Current statistics indicate that about 80 percent of the Zimbabwean economy is in the hands of small business across a range of sectors from mining, exporting and agriculture to manufacturing and online marketing.

Taken together, these businesses form an integral part of the economy and have become one of the largest sources of employment in Zimbabwe; employing 60 percent of the country's workforce while contributing around 50 percent to the GDP.

There is now a renewed and deliberate effort by government to formalise the operations of players in the SME market and as the seed-bed of business growth, innovation and employment creation, this segment of our economy now offers a lucrative segment to which ISPs can offer their services.

In order to fully take advantage of Zimbabwe's growth prospects, small businesses will need to harness the full range of digital technologies to achieve true competiveness and long-term sustainability.

Rural connectivity rightly remains a key focus area for governments across the continent.

In addition to the opportunities for growth within the SME sector, rural connectivity rightly remains a key focus area for governments across the continent. Zimbabwe is no different and efforts to bridge the divide between rural and urban access to technology is one of the key focus areas of the Zimbabwean government's Post and Telecommunication Regulatory Authority (Potraz), which this year intends to reduce the terrestrial coverage gap by at least 25 percent through strategic partnerships with licensed operators.

Going forward we can expect to see more active participation in connecting rural communities through deployment of VSAT solutions either through government-related initiatives and direct to market solutions, particularly in the education, mining and agricultural sectors.

As further investment becomes available there will be even more opportunities for providers to play a key role in connecting rural communities to aid in economic growth in Zimbabwe.

IOT, fibre adoption

While the country certainly has its challenges to overcome, there is definite interest in the opportunities technology can create to grow Zimbabwe's foothold in a globally connected economy, and this includes IOT and fibre.

While Zimbabwe's depressed economy has possibly limited the uptake of IOT to date, it is clear that there is no way any economy can avoid it, so we expect greater developments in the coming years on IOT. Already there is a definite move towards embracing IOT and its revenue potential in all sectors including transportation, manufacturing, mining and agriculture.

One of the first sectors to drive the uptake of IOT are security-based solutions such vehicle tracking systems and

household surveillance. There is also increased interest and uptake in RFID and satellite tracking solutions, advanced CCTV video analytics, telemetry, as well as building management systems.

At present fibre deployment has been limited to the main urban centres such as Harare and Bulawayo, however the demand for infrastructure and a country wide network has caused growth beyond non-traditional areas.

A major thrust of Potraz is the sharing of infrastructure among licensed providers in order to enhance the fibre footprint in Zimbabwe. Providers that embrace this strategy and take further steps to deploy their own fibre are far more likely to enjoy a greater share in what will be a growing market for some time to come.

Overall, the new growth trajectory for Zimbabwe will allow first-rate service providers to increase their local and regional footprint through the provision of quality connectivity products that support large corporate and business customers while also being conscious of new opportunities in a bourgeoning SME sector looking towards a brighter Zimbabwean future.

By Never Ncube, CEO of Dandemutande.

Never Ncube is the newly appointed Chief Executive Officer of Dandemutande and assumed the position in July 2018. Prior to this appointment, Never held the position of Chief Financial Officer for five and a half years. Never has more than 23 years' experience in corporate strategy, corporate governance and secretarial duties, financial accounting and reporting, treasury and internal audit. Twelve of these years were at Executive Management level. Never holds a Bachelor of Accountancy Degree from the University of Zimbabwe and a Masters of Business Administration degree from Midlands State University. He is a Chartered Secretary and a Fellow of the Institute of Directors Zimbabwe.
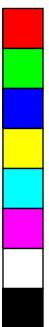
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www.cambridge.org/educationreform
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Canon Central & North Africa (CCNA)

Canon

Canon Central and North Africa (CCNA) is a division within Canon Middle East FZ LLC (CME), a subsidiary of Canon Europe. The formation of CCNA within CME in 2015 is a strategic step that aims to enhance Canon's business within the Africa region– by strengthening Canon's in-country presence and focus. CCNA also demonstrates Canon's commitment to operating closer to its customers and meeting their demands in the rapidly evolving African market. Canon has been represented in the Africa continent for more than 15 years through distributors and partners that have successfully built a solid customer base in the region. The fast-growing African market was earlier served through Canon's office in the UAE, established in 1998. Subsequently, Canon Middle East FZ-LLC (CME) was formed as a free zone company, with the remit to expand its presence in Africa.

As part of the geographic expansion, CME added Egypt, as part of its markets in 2000. A representative office was established in Cairo in 2001, followed by the transfer of 21 countries in Maghreb and West Africa to CME in 2005. CME continued to strengthen its presence in Africa with the opening of a local office in Morocco, transferring under its remit the East Africa territory in 2011 and establishing an office in Kenya in 2012. To strengthen its logistics efficiency in Africa, Canon opened up a new shipping distribution hub at Spain in 2014 to serve the Maghreb, West Africa and Libya markets efficiently. This added significant value to the business opportunities of the partners in these countries. By continuously investing in enhancing the supply chain and being closer to customers, Canon has now created a high value proposition with the setting up of Canon Central and North Africa within CME. It will ensure the provision of high quality, technologically advanced products that meet the requirements of Africa's rapidly evolving marketplace.

Canon Central and North Africa will manage sales and marketing activities across 44 countries in Africa, and has more than 100 employees. It will be responsible for all aspects of business in North, East, West and Central Africa meeting customer demands in the region. CCNA will have increased on-ground support from Canon to customers in the region. Canon's corporate philosophy is Kyosei – 'living and working together for the common good'. Further information about Canon Central and North Africa is available at

www.canon-cna.com

Education Development Trust

Education Development Trust

Education Development Trust is an international not-for-profit organisation with an exclusive focus on education. We work with governments, donor agencies and clusters of schools worldwide to design and deliver effective education improvement. We invest annually

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Since 2013, we have been delivering the large-scale UK-funded Girls' Education Challenge programme in Kenya and we are proud to have played a significant role in long-term positive change in fragile and conflict-affected states including Rwanda and Somalia. We have regularly worked with other governments to apply our expertise in school leadership and curriculum design and our educationalists are experienced in

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Mainstreaming 21st Century Learning

Established in the year 2000, eLearning Solutions has offices in South Africa and Zimbabwe that supports over 1,000 primary and secondary schools. Our solutions: Education Transformation - An effective education transformation can help countries to increase student competitiveness, build job skills and competencies, support economic development and provide social cohesion. We provide Education Transformation Workshops that help schools, districts and governments develop and implement education transformation roadmaps. Content Aggregation, Licensing & Developing - eLearning Solutions has a variety of digital content that focuses on Maths and Science. The content covers both primary and secondary education. It is interactive, multimedia, has simulations and demonstrations.

Digital Pedagogy & Professional Development - Teaching and learning with technology is, fundamentally, a pedagogical rather than a technical matter, and fluency with technology does not translate automatically into the ability to teach effectively with it. We provide Digital Pedagogy training for effective ICT integration in teaching and learning. ICT Infrastructure & Facilities - Classrooms require special technologies that conform to the way that learners work and move around and accommodate changes in the learners` behaviour in such a way that learners not only embrace, but also celebrate the classroom space. We provide education specific technology solutions that stimulate the leaner, empower educators, and promote learning excellence.

EduNet (Education Network) – Broadcasting + eLearning - We have designed and built EduNet, a Virtual Private Network for Education that connects schools to their administrative offices. EduNet enables: Ministries of Education to create and broadcast lessons in an interactive environment; Effective distribution of curriculum content resources; Scalable Continuous Professional Development; Realtime Data Driven Decision making in Education Management.

www.elearningsolutions.biz

jp.ik

jp.ik
Inspiring knowledge

jp.ik is number one in the world in implementing innovative large scale Educational projects. Our ambition is to transform Education through Technology and transform the World through Education.

The integrated approach developed by jp.ik – "Inspiring Knowledge Ecosystem" – covers three key pillars of a technology-based education project: Technology, Engineering and Pedagogy. With the educational ecosystem, jp.ik delivers more than technology, assuring the knowledge transfer as a key success factor for the long-term sustainable development of communities.

Currently, jp.ik is present in over 70 countries, has led over 20 large scale education projects, impacted 15 million students and engaged over 300k teachers.

www.jpik.com

LightSail

LightSail
READ. LEARN. GROW.

LightSail is the adaptive digital reading platform that helps students, classrooms, and school districts exceed their literacy goals.

LightSail students get access to personalized libraries filled with thousands of engaging, just-right texts to choose from. Our award-winning solution embeds in-text assessments that motivate students to increase the volume of their reading along with the difficulty of the texts they choose.
LightSail teachers get real-time access to meaningful data about student reading behavior, comprehension, and growth so that they can provide the necessary guidance to enhance learning and encourage a love of reading.

lightsailed.com

Microsoft

Microsoft

Microsoft's mission in education is to help every student and educator around the world realize their full potential. At Microsoft, we are deeply committed to working with governments, communities, schools, and educators to use the power of information technology to deliver technology, services, and programs that provide anytime, anywhere learning for all. We believe an educated population is the one natural resource that increases in value as it increases in size.

Founded in 1975, Microsoft is the worldwide leader in software, services and solutions that help people and businesses realize their full potential.

The company offers a wide range of products and services designed to empower people through great software – any time, any place and on any device.

www.microsoft.com/education

Gold Partners

Akello Edutech

akello edutech

Akello Edutech is dedicated to providing Africans with affordable access to world-class digital education content. We promote credible learning solutions and products that aim on up skilling and equipping our African target audience. We believe in the transformative power of education and providing affordable access to online learning to all Africans. Our product portfolio includes the following:

Akello Courses – Aimed at providing affordable access to top quality online course content, Akello courses provides an array of skill development courses from Business & Leadership to Digital Marketing and Photography from global educator Shaw Academy. These courses are delivered through live online lessons that make learning interactive and engaging. Akello Books – Akello Books is an online bookstore that provides on-the-go, affordable and reliable access to world-class eBooks to individuals, students, schools, colleges and universities. The platform provides both academic and non-academic content from internationally recognised publishers across the globe.

Akello Learn – Akello Learn is an integrated Learning Management and School Management platform offering schools a one stop shop for online learning and school management. Through our animated and interactive Cambridge and local content, we make the learning process for primary and secondary scholars easy and enjoyable. Muzinda Hub – Muzinda Hub is committed to building and supporting an engaged and talented community of tech enthusiasts and IT professionals. The highly sought-after five month Digital SkillsTraining Program consists of: specialised e-learning coding modules, business & entrepreneurship skills training; and practical group project development experience.

www.akelloedutech.com

Classera

Classera stands with a mission to revolutionize e-learning all over the world, focusing on developing smart e-learning solutions. We are passionate about maintaining a sustainable engagement and motivation cycle for students everywhere, and our vision is to be a game-changer for the e-learning industry worldwide.

By inventing inspirational, intelligent, and sophisticated – yet simple- solutions that generate a new learning culture, we aim to provide the environment for a transformative learning experience.

Classera has undertaken the challenge to innovate heavily and lead the trends in the educational technology sector, for which we were recognized in 2017 with the Bett Innovation Award, Innovation Product Award-GESS 2018 and Digital Learning Transformation Learning Award London 2018.

www.classera.com

Genius Plaza

Genius Plaza is an innovative, cloud-based platform providing access to culturally relevant, personalized learning content in math, language arts and science. Students become protagonists of their own learning using ten re-teaching tools, allowing them to teach as an intrinsic part of their own learning. Access thousands of videos, eBooks, games, comprehension exercises, and more for students in PreK to 12th.

www.GeniusPlaza.com

Haier

Haier International Smart Education company, holding "To become a global leader in Smart Education Solutions" as the corporate vision, "Make the Education Smarter" as the mission, and "Focus & Open up, Co-Create & Win-Win" as the value, is committed to achieving the equity and quality of global education.

Combining education with science and technology, Haier International Smart Education Company has launched HiBook – Smart Hardware solution, HiClass – Smart Class solution, and HiSchool – Smart Campus solution, to build the education industry ecology. HiBook Solution, combining digital resources with teaching hardware, launched a wide range of products including HiBook Cloud, Chromebooks, CMPC, desktop, notebook, all-in-one, tablet PC, VR / AR, e-book, smart pen, etc.; HiClass Solution focus on "hardware + applications + contents", deploy "super blackboard + super desk + super podium" as carrier, implements six smart class solutions: interactive class, flipped class, remote class, maker class, lecture captured class and MOOC.; HiSchool Solution integrates application, service and management for a campus ecology system through the construction of Campus Cloud, Campus Network and Campus Energy.

Under the guidance of "one belt and one road" policy, and in cooperation with Google, Microsoft, Intel, Inspur and other international top resources, Haier International Smart Education company has successfully established industry accelerator, institute, and HiStar charity institution, in order to build a "Co-Create, Win-Win, Sharing" global education ecosystem with the makers and elites all over the world.

www.haier.net/en

ITWORX Education

ITWORX Education is a market leader in education transformation through the application of technology. As an education services provider, we provide end-to-end solutions for learning, teaching, and education management to raise student outcomes, teacher effectiveness and institutional development.
Our non-traditional solutions enable education organizations to realize their E-learning vision.

www.itworx.com

W2 Industries

The home of steel fabrication, Office Furniture, School Furniture, Household Furniture, Science Laboratory Furniture and Fittings and a whole range of steel products. More than ever before, the demand for the best quality in steel products and optimising space is pushing the boundaries of storage and planning technology. W2 Industries, formally Welli-Will Industries has recognised these increased expectations and have been constantly adjusting operations and solutions over the years to meet our clients' ongoing needs.

Innovation. Always Innovating. Never Imitating; Team Work. We work as a solid unit; Flexibility. We produce what you need. Our Mission: To serve ethically the continent of Africa and beyond with economic and best quality solutions. Our Vision: To be the supplier of first choice for all steel products and provision of unique experiences in the form of Science Laboratories, School Furniture, Office Furniture, Household Furniture, Hospital Furniture, Racking and related products on the African Continent.

www.w2industries.co.zw

Silver Partners

Amatrol

Amatrol is the world leader in skills-based, interactive technical learning. We produce hands-on training equipment, computer simulation software, and computer-based learning courseware in over 300 technical subjects such as electricity, electronics, mechanical, fluid power, mechatronics, robotics, automation, programmable controllers, industrial communications networks, and process control.

Colleges, schools, and industry throughout the world use our learning solutions to build technical skills for maintenance technicians, operators, and engineers. Join us in our mission to transform the global workforce one life at a time.

amatrol.com

ApplianSys

ApplianSys is the world leading specialist in designing, building and supplying dedicated web cache solutions to schools – in particular to large regional or national education authorities. Founded in 2000, ApplianSys has customers in 150 countries, a network of channel partners around the world and a portfolio of products designed with schools for schools.

Connecting classrooms to the internet can transform education and enable entire nations to leap forward a whole generation. However, the sheer scale of nationwide deployments, the countless number of details that you need to plan and the high cost of reliable internet connectivity present considerable challenges and pitfalls at every step.

Web caching is vital for the success of E-learning, ensuring sufficient and affordable bandwidth for all schools and delivering fast classroom content. ApplianSys is the only vendor to offer a fit-for-purpose schools caching appliance, CACHEBOX, which is at the centre of its comprehensive Education Authorities offering. It's EDUGATEBOX multi-function appliance provides caching, filtering, firewall and more, getting remote schools online easily, safely and at best value. Having worked with Education Authorities for over 15 years, ApplianSys can leverage lessons learned at each phase and across the scope of your connected classroom projects, delivering comprehensive insight to ensure successful nationwide deployment.

www.appliansys.com

Bridge

Bridge believes every child has the right to high quality education and works in partnership with governments, parents and teachers to ensure access to quality education. Bridge runs, or supports, nearly 1000 nurseries and schools and has served quarter of a million children in low income communities across Africa and Asia.

Bridge is a social enterprise that uses in-depth teacher training and support, advanced lesson plans and wireless technology to provide pupils with a meaningful and life-changing education. Bridge is dedicated to supporting teachers, empowering school leaders, and ensuring every child has the learning support needed to master the national syllabus and have the confidence to succeed in a competitive world. Each of Bridge's country teams are supported through expertise and programming from additional offices in Hyderabad, India; Cambridge, MA, USA; and London, UK. Bridge leverages experts, data, and technology in order to support and scale every aspect of quality education delivery. Bridge managed and supported schools are technology enabled and data driven to ensure accountability in the classroom for both teachers' performance and children's learning. Bridge has seen teachers and children transform and excel in both government and private schools that we support and manage.

Today, the majority of children in the world are not learning the basics, as children are either not in school, or in school and not learning. Bridge is partner in the delivery of SDG4 and is committed to a data driven, evidence based approach that enables a life changing education for all. We have seen teachers and children transform and excel in both government and private schools that we support and manage.
www.bridgeinternationalacademies.com

CVTE

CVTE, is a global pioneer and leader of Education and Corporate collaboration technology. We are dedicated to developing Interactive Touch Screen and other collaboration products to empower Education Collaboration and improve Corporate Communication Efficiency. We provide comprehensive digital classroom solutions including hardware, software and peripherals. SEEWO, our brand in China market, was ranked China No.1 Education Interactive Flat panel for 6 consecutive years. There are more than 1,000,000 classrooms using our Digital Classroom Solution in over 94 countries.

www.cvte.com

De Lorenzo S.p.A.

De Lorenzo S.p.A., is the leading Italian Company and among the first in the world, specialized in the design, development and production of technical and vocational training equipment. Established in 1951, De Lorenzo produces numerous individual didactic equipment and complete laboratories, which include, but not limited to: Electrical Engineering (e.g. installations, electrical machines laboratories and workshops, electrical power engineering, etc.), Basic Electronics, Power Electronics, Industrial Electronics, Telecommunications, Pneumatics, Hydraulics, Automation, Automotive Technology, Thermotronics,

Renewable Energies, Energy Efficiency, Oil and Gas, as well as various other technical disciplines that are studied in technical/vocational Institutes and Universities worldwide.

One Stop Shop (Turn-Key Solutions) - De Lorenzo has the experience in providing a wide range of services such as: project definition, project management, preparation of tender specifications, supply of equipment, teachers' training on site or at its premises, installation, commissioning, technical assistance up to the complete autonomy of the local teaching staff and after sale services.

Whether it is for Universities or Technical Colleges, Polytechnics or Technical Schools, teacher training centers or vocational institutes, at De Lorenzo S.p.A., we are devoted to contributing to the consolidation of the technological know-how of Industrialized Countries and to the technical growth of Developing Countries.

www.delorenzoglobal.com

Devotra

Devotra is an ISO 9001 certified company whose activities are mainly focused on engineering projects in developing countries and upcoming markets. We offer turn-key services for any kind of project in the field of education and training from primary up to higher education, including technical vocational education.

Furthermore we are a worldwide specialized supplier of professional technical equipment for United Nations field projects**.**
Devotra staff has almost 30 years of practical experience in implementing education and training projects in developing countries and upcoming markets and we offer our clients turn-key solutions which include: consultancy; project identification; project planning and coordination; supply of equipment; logistics management; installation and commissioning; technical assistance and training; after-sales, warranty and maintenance of goods.

The equipment offered by Devotra, ranges from secondary education materials, (classroom, office and workshop) furniture to machines and installations for Technical Industrial Vocational Education and Training and Higher Education/Applied Science. The machines and installations vary from basic workbenches up to sophisticated equipment meant for engineering trades and industrial manufacturing. We are implementing "21th Century Education Systems" in Africa, by introducing the new technologies such as Smart Classroom, Digital Recourse Library and Science Bench.

www.devotra.nl

Digital Skills Foundation

Digital Skills Foundation, based in France, was established to enable everyone to become digital literate at an affordable cost. *"ICT for everyone"*
Our e-learning program, called the Digital Skills Passport, covers all aspects of digital technology – from basic instruction on how to operate a computer in a practical and safe way through to getting online and accessing social media. Our courses cover the everyday technologies that we use on a daily basis – computers, music, video, images, the internet and social media. If learners wish, they can progress from the Basic Start Modules right through to the Professional Digital Skills Passport Programme which teaches the practitioner level digital skills for the modern workplace – including Word Processing, Presentations, Spreadsheets, Networking, Databases, Productivity and Communications.

The Digital Skills Foundation is committed to ensuring that everybody has access to digital skills training.

Our digital skills programmes have accessibility features for dyslexia, cognitive and visual impairment, colour blindness and for those with literacy issues. Our programmes are fun, supportive, confidence building and accessible. Digital Skills Passport is for everyone.

digitalskillsfoundation.org

Dolphin

At Dolphin we design our products from the ground up, meaning that they're created specifically to meet the needs of the end user. We take into consideration individuals and their circumstances – from changing sight levels to different usage environments – meaning that our software delivers the very best environment for people to work, learn and play.

Our products enable people with varying levels of technology experience to do everyday things easily, on computers and tablets, and we have fully integrated and portable software solutions to give individuals total freedom to have an accessible experience whatever they're doing. So whether it's reading a book on a tablet or updating a spreadsheet in an office, we have a solution to make that happen; regardless of sight loss or print impairment.

We also develop software to create accessible outputs in the form of Braille, audio and large print; empowering organisations to create print accessible environments for their customers, employees and service users. Why we're special - Dolphin is the only specialist software house developing solutions to suit all types of reading impairment – from low vision to blindness and dyslexia; You can speak directly to the makers of our products – we design and develop our products in-house – so when you call us or meet us, you're speaking directly with the people who know most about the products you're using; Our design and development teams are experts in building software to suit user requirements, and our highly knowledgeable sales and support teams can help you find and use the perfect software for your needs.

www.yourdolphin.com

Edit Microsystems

Edit Microsystems (PTY) Ltd is an award-winning company that has supplied sustainable and affordable technology solutions to educational institutions, corporations and community upliftment projects throughout Africa for over 26 years. The company is devoted to finding alternative and cutting- edge technology for individuals of all abilities. Our focus includes improving curriculum delivery through high speed, functional connectivity as well as providing ongoing support, training and professional development to all stakeholders including teachers, parents, therapists and employees. Our vision is to upskill people, enabling them to acquire employment and make a meaningful contribution towards a better future.

What we do - Personalised for all abilities – We offer advice, products, implementation, training and continuous support for Special Educational Needs, Basic Education and Higher Education. Assistive technology for hearing, visual, communication, mobility, cognition, learning, neurological and neurodevelopmental impairments. Inclusive Education; Literacy and numeracy software; Educational hardware; Projectors, Interactive whiteboards, Scanning pens; Mobile & distance learning; STEM (Science, Technology, Engineering and Mathematics) and Data logging; Robotics and Early Learning Technology; Document cameras; Virtual laboratories; Welding and automotive simulation; Technology to target entrepreneurial skills; Teenage pregnancy prevention and substance abuse education

Where we are - Edit Microsystems has offices in Cape Town, Durban, Johannesburg and Mpumalanga within South Africa and has been involved in various projects throughout Africa. How we do it - We offer remote consultation, training and support through our unique online video conferencing and collaboration technology. This allows us to link to customers and beneficiaries across vast distances and target specific needs to ensure flexibility and scalability.

www.editmicro.co.za

Epson

About Epson - Epson is a global technology leader dedicated to connecting people, things and information with its original efficient, compact and precision technologies. With a lineup that ranges from inkjet printers and digital printing systems to 3LCD projectors, watches and industrial robots, the company is focused on driving innovations and exceeding customer expectations in inkjet, visual communications, wearables and robotics.

Led by the Japan-based Seiko Epson Corporation, the Epson Group comprises more than 76,000 employees in 87 companies around the world, and is proud of its contributions to the communities in which it operates and its ongoing efforts to reduce environmental impacts. global.epson.com
About Epson Europe - Epson Europe B.V., based in Amsterdam, is the Group's regional headquarters for Europe, Middle-East, Russia, and Africa. With a workforce of 1,750 employees, Epson Europe's sales for fiscal year 2016 were 1.7 billion Euros. **www.epson.eu**

Environmental Vision 2050 - eco.epson.com

FundoLinker

FundoLinker is a student support platform through which primary and secondary schools, tertiary institutions, companies, skilled people and crowd donors are able to work together to provide career guidance, financial help, information, apprenticeships, industrial attachment and graduate trainee jobs to students.

FundoLinker blends humanity with technology to support students while respecting the dignity, discipline, punctuality and culture of an education community. FundoLinker is inspired by nhimbe and its incredible power is derived from the collaboration, coordination and communication of skills stakeholders. Nhimbe is a word from the Shona people of Zimbabwe referring to the residents in a community working together to help each other in daily life, for example, during harvest time. FundoLinker was founded in January 2016 and is a registered Zimbabwean company.

FundoLinker is increasingly gaining recognition and popularity in the world. The World News and Moguldom, USA included FundoLinker among 10 best African recruitment/skills tech startups. FundoLinker was among 15 best SADC tech startups for the Startup Europe Comes to Africa, Capetown Injini EdTech accelerator. SeedStars World rated FundoLinker as one of the 10 most promising tech startups in Zimbabwe. FundoLinker has been featured in popular blogs such as SME South Africa, SME Indonesia and Disrupt Africa. FundoLinker is currently engaging the Ministry of Primary and Secondary Education and the Ministry of Higher and Tertiary Education and partnering with primary and secondary schools, universities, companies, colleges, industry veterans and crowd donors in Zimbabwe. FundoLinker will be spreading its wings to Africa and India in 2019.

www.fundolinker.com

Higherlife Foundation

Higherlife Foundation is a social impact organisation committed to investing in Human Capital Development to build thriving communities and sustainable livelihoods. To that end, Higherlife Foundation's portfolio encompasses impact investments in education and leadership development, healthcare and sanitation, job creation, and rural transformation. To-date Higherlife Foundation has impacted more than 000 250 children through its programming work in Zimbabwe, Lesotho and Burundi, and other partnerships across Africa. The Foundation's work in education focuses on providing Access to education, improving Quality of education, and providing Lifelong Development mainly through mentorship, psychosocial support and life-skills training.

In its drive to improve quality of education Higherlife Foundation supports learner performance using online technology in the form of an interactive online learning platform called Ruzivo. Ruzivo offers students in primary and secondary school Ministry approved learning material and exercises through an interactive online digital platform. Ruzivo is available on any internet enabled device and can be accessed for free on the Econet Mobile Network, courtesy of Econet Wireless Zimbabwe.

To support Ruzivo, Higherlife Foundation has built over 50 fully connected learning hubs in Zimbabwe, Lesotho and Burundi and has distributed over 6500 tablet PCs plus desktop computers across Zimbabwe. Over 1.3 Million students are registered on the platform with over 000 ,600 of them using the platform atleast once a month. Ruzivo is levelling the playing field by giving rural students access to quality learning material, and by reducing teacher to student and student to textbook ratios where it's needed the most.

www.higherlifefoundation.com

HumanWare EMEA

Humanware's inspirational vision has resulted in a range of highly intuitive and intelligent solutions for blind and visually impaired people. Combining an intelligent device with the simplicity and accessibility of a note taker with the power and efficiency of a modern smartphone or tablet, the BrailleNote Touch is the world's first Google certified braille tablet providing Play Store access.

Smarter and more connected than other low-vision products, the Prodigi Connect 12, is a powerful digital magnifier which opens the window to an intelligent Android world, with free access to over a million apps and is available with a powerful distance camera. The explorē range of portable magnifiers are bursting with exciting features to make life easier. With three explorē to choose from 5 ,3 and the new 8 with a touch screen, these powerful magnifiers will go everywhere with you.

Victor Reader Stream provides access to over 36,000 internet radio stations, Wikipedia and Wiktionary. Listen to your favourite books and MP3s wherever you are. Victor Reader Stratus and Stratus M book readers are simple and intuitive to use, Stratus M includes multimedia for downloading from USB or SD. Brailliant Braille Displays available in 40 ,32 or 80 cell versions, work brilliantly with Apple IOS devices iPhones, iPods Touch and iPads. The latest addition is the compact Brailliant 14 which is our smallest braille display yet. It is designed for ultimate efficiency without sacrificing ergonomics or comfort, so you can stay on track anytime, anywhere.

www.humanware.com

IDEA

IDEA Digital Education is an innovative education company that has created high quality andpersonalised digital education content for students and teachers across Africa. IDEA has created interactive, data-driven, digital software, content and games for students, parents and teachers covering all grades and localised to each national education market. IDEA has developed a completely digital STEM program from Kindergarten to Grade 12 as well as teacher training courses and ICT skills development.

IDEA does not just simply involve a platform or content. We are deeply committed to using prevailing teaching strategies and technology through content creation, digital content management, graphic design, film and motion graphics to improve student self-assessment and achievement of curriculum learning goals. All of the digital curricula have been written by world-class curriculum experts and our ability to adapt, translate and localise the content is achieved through our global team of 127 members including Professors of language and cognitive neuroscience as well as local curriculum experts and in-field implementors.

Our existing solution covers the following curriculum areas: MyIDEA: English and Mathematics for Early Childhood Development; IDEA Primary: Science, English, Maths, Geography and History for Grades 6-4; IDEA Secondary: Science, English, Maths, Geography and History for Grades 12-7; IDEA Tests: Numeracy & Literacy, Science, English and Maths interactive assessments; Young Environmental Science Certificate: Jane Goodall-certified young scientist program; IDEA Teach: professional development training courses for

teachers; IDEA ICT: digital skills and IT courses for students and educators; Nubo: Learner and Content Management System for schools and Ministry of Education

www.ideaonline.com

Intel

Since its founding in 1968, Intel Corporation has grown into the world's largest semiconductor company (based on revenue). The company employs nearly 100,000 people across more than 50 countries.

Intel's products and technologies are at the heart of computing solutions that have become essential parts of businesses, homes and schools around the world; and are being used to tackle some of the world's most complex problems – in areas that include education, healthcare, economic development, and environmental sustainability. The company's products include microprocessors, chipsets and other semiconductor products that are integral to computers, servers, note- and netbooks, as well as consumer electronics, handheld devices and connected "embedded" products becoming part of cars, shopping kiosks and bank ATMs.
Intel's focus in not solely on the products it delivers. From primary schools to leading universities, Intel is committed to improving the quality of education around the world. Over the past decade alone Intel has invested over USD 1 billion and Intel employees have donated over 2.5 million hours in the last 10 years toward improving education in more than 50 countries.

Intel's model for education transformation combines advocacy for policy reform, curriculum standards and assessment, sustained professional development, information and communications technology, and support of research and evaluation. We collaborate with governments, policy makers, and local vendors to make this model viable worldwide. Intel is headquartered in Santa Clara, California (USA). Additional information about the company is available at **blogs.intel.com.**

Itec Global & Irwin Science Education

Itec Global works with Ministries of Education across the world to help them improve their science and maths educational objectives through teacher training and equipment supply. Irwin Science Education, formally Irwin Desman, England established in the 1940's, was requested by the British Government to act as consultants to the Nuffield Science Project in the 1960's, and have been designing and manufacturing science equipment for schools, colleges and universities ever since.

Together, Itec Global and Irwin Science Education offer expert bespoke packages in curriculum development, teacher training and school laboratory equipment and software supply, to support the development of science and maths education around the world. Irwin is based in the South East of England where research and development into science teaching apparatus is carried out. The state of the art manufacturing plant produces all Irwin designed equipment ensuring the highest quality standards of safety, performance and relevance to teaching science for the 21st century.

Irwin provide everything required for teaching science from their famous power supplies and instruments to microscopes, mobile science benches and World Didacta Award winning data loggers. Itec Global have worked across Africa for the last 20 years developing science education centres, supplying schools with science equipment, ICT equipment and software; and training teachers in teaching engaging, practical, investigative science and inquiry based learning maths.

www.irwinscienceeducation.com / www.itecglobal.co.uk

Kortext

Kortext is the UK's leading digital textbook and learning platform providing access to over half a million digital textbooks from over 700 of the world's leading education publishers such as Pearson, McGraw Hill and Wiley.

These publishers, along with many others, use Kortext to help distribute digital textbooks to students around the world. The platform provides an enhanced learning experience with access to powerful study tools that are highly valued by students. Universities such as the University of Leeds, Imperial College London and Middlesex University are adopting the platform, and are able to utilise the detailed learning analytics the platform provides to support better student outcomes and provide an enhanced learning experience.

By integrating Kortext into the learning ecosystem, lecturers, teachers and faculty are able to support how students are engaging with their learning materials and progressing through their course. Empowering institutions to better support student retention, progression and success. Kortext is also a founding member of Edtech UK, a strategic body set up to accelerate the UK's education technology sector in Britain and globally. In addition, working with global partners such as Microsoft and Samsung, Kortext has created a growing international presence, particularly in the Middle East, Africa and Australia.

www.kortext.com

LD DIDACTIC

The LD DIDACTIC Group is a leading global manufacturer of high quality science and engineering teaching and training systems for: Schools (secondary schools); Vocational colleges; Technical colleges; On-the-job training; Universities.

Our service and product spectrum covers much more than just experiment equipment. We offer consulting for all respects of education projects (e.g. curriculum, financing) as well as training (just technical or comprehensive didactical) in corporation with German vocational training centres or universities. Our focus is on teaching solutions for: Physics; Chemistry; Biology; Photonics; Electrical Engineering; Automotive Technology; Renewable Energy.

By collaborating very closely with teachers and instructors, we have developed our training systems and adapted our solutions to their specific curriculum requirements thus ensuring maximum practical relevance, easy use and successful learning. Our wide range of services – such as free software updates, comprehensive training programs, as well as local technical after-sales service – ensure that our educational systems operate smoothly on a daily basis. LD DIDACTIC markets its comprehensive products and solutions under the brand names: LEYBOLD; ELWE Technik and Feedback.

www.ld-didactic.de

Learnetic

Learnetic "EDUCATIONAL ePUBLISHING & TECHNOLOGIES". We are an experienced technology-based company operating in the sector of international educational publishing business. We help Educational Publishers, Ministries of Education and Digital Disruptors to implement their technology-driven ePublishing strategies.

By providing solutions at almost every stage of ePublishing processes, we offer a complete suite of Authoring Tools and eLearning & Delivery Platforms to build and manage highly interactive electronic content packages that fully support adaptive learning paths. Our ready-made, generic suite of Maths & Science K12- eContent is ready to be translated and tailored to any national curriculum.
We also offer a wide selection of eDevelopment Services, where our teams of experienced software and content developers are available for our partners for all types of their technology-driven education projects.

www.learnetic.com

Lenovo

Lenovo is a US45$ billion Fortune Global 500 company and a global technology leader in driving Intelligent Transformation through smart devices and infrastructure that create the best user experience.

Lenovo manufactures one of the world's widest portfolio of connected products, including smartphones (Motorola), tablets, PCs (ThinkPad, Yoga, Lenovo Legion) and workstations as well as AR/VR devices and smart home/office solutions. Lenovo's data center solutions (ThinkSystem, ThinkAgile) are creating the capacity and computing power for the connections that are changing business and society.

Lenovo works to inspire the difference in everyone and build a smarter future where everyone thrives. Follow Lenovo on LinkedIn, Facebook, Twitter, Instagram, Weibo, read about the latest news via our Storyhub, or visit our website.

www.lenovo.com

Lucas-Nülle GmbH

Committed to technology and quality. For more than 40 years, Lucas-Nülle has been developing and producing sophisticated high-quality training systems in Kerpen/Germany. These systems cover the whole field of technical education including: Power Engineering/Renewable Energies; Automotive Technology; Electrical Machines and Drives; Refrigeration System Technology; Automation Technology; Smart Factory / Robotics; Electrical Installation Technology; Lab Systems.

Lucas-Nülle training systems are deployed throughout the world where they are seen as the benchmark for quality, efficiency and technology. We are able to provide turn-key solutions including curricula, lab-world layout, installation and training.

Ensuring a successful future. Lucas-Nülle GmbH has devoted itself to this challenge. The synchronizing of theory and practical application, the safe and self-explanatory experiment set-ups combined with the positive learning experience that comes from doing experiments on one's own makes learning with our systems fast and more efficient than with any other competing products.

www.lucas-nuelle.com

Matific

Matific is a globally recognised, award winning online teaching and learning resource for primary school mathematics (Kindergarten to 6th Grade). Headquartered in Sydney, Australia, Matific awards include Best Mathematics Instructional Solution, Best Game-Based Curriculum Solution, and Best Educational App. Matific is currently available in over 25 languages (including Arabic) and is aligned to mathematics curricula in over 45 countries.

Matific's pedagogy combines rich content with adaptive and interactive games. The Matific content is carefully localised and mapped to each country's curriculum and popular textbooks. Children learn at their own pace, improving their quantitative skills and analytic ability in preparation for jobs of the future. Getting started with Matific is as easy as distributing student logins. Teacher training is minimal as Matific was specifically designed for easy implementation.

Matific is known for: Proven to raise test scores, reduce maths anxiety, and increase motivation to learn maths; The ideal program to support and enhance investments in ICT; Provides teachers with engaging, enquiry based maths resources and lesson planning; Offers real time student and school performance reporting; Low cost program that runs on existing infrastructure at schools; Works on all devices and offers online and offline capabilities; Supports STEM learning initiatives.

www.matific.com

PHYWE Systeme GmbH

For 100 years PHYWE has been developing, producing, supplying and installing scientific equipment; complete experiments; curriculum compliant solution systems for science education and scientific research at schools and universities. Modern e-Learning systems, software and a broad spectrum of services including training courses, on-site installation and comprehensive pre-sales consulting complete our offering.

Our competence, quality and reliability – made in Germany – has enabled us to become one of the world leading companies for the supply of training and educational equipment for the teaching of Physics, Chemistry, Biology and Applied Sciences.

More than 145,000 customers in over 95 countries (including those in Africa for over 30 years) value our experience and products. PHYWE is your sought-after partner for schools, colleges, universities, private institutes, museums and research institutions worldwide. A member of the Lucas-Nülle Group of companies and together with more than 60 PHYWE authorised International Sales Partners (ISP), we offer you individually tailored solutions from a single source.

www.phywe.com

Positivo BGH

Positivo BGH is a Joint Venture between two industry leaders in Latin America namely Positivo Informática, of Brazil, and BGH, of Argentina. Positivo Informática brings over 40 years of experience in education to the joint venture and own, run, manage and operate a university, various private schools, and Brazil's second largest theatre.

Positivo also own seducation technology research centers that develop leading edge solutions deployed at educational institutions both private and public across the globe.

BGH one of the most respected companies in Argentina with over 100 years of experience is the undisputed market leader in designing, developing and the manufacturing of consumer electronic goods. Positivo BGH can be seen as the international arm of these two great companies, standing on its own two feet and operating in its own right, with manufacturing facilities in Brazil, Argentina and now recently Rwanda and Kenya.

Even though Positivo BGH has managed a dominant market share in the manufacturing of notebooks, desktops, all-in-ones, tablets and mobile phones in its native Latin America, education is and will always be embedded in its DNA. The company's mission is to make technology accessible to transform people's lives. Positivo BGH Wise – our education division- offer high quality solutions to meet educational needs; from the delivery of devices and specialized software to training of teachers and students on this new way of learning. We maintain a leading global position in education projects. Positivo BGH Wise: a new Generation, a New Way of Learning.

positivobghwise.com

Rank

Rank Zimbabwe is the largest manufacturer and supplier of scholastic stationery in Zimbabwe. Rank also operates the only cash & carry warehouse focussed solely on stationery and paper products in the whole of Southern Africa. Rank opened its doors in 1981 and has serviced Zimbabwe's stationery requirements since then. The focus on stationery and related products is in line with its key competitive advantages: a local company, trusted brand name and quality products. Rank has long-standing relationships with nearly all primary and secondary educational institutions in Zimbabwe.

The majority of products are under Rank's 3 in-house brands – MERIT, KIAN and LOTUS. Through its manufacturing arm, Lotus Stationery Manufacturers, the company produces scholastic products such as MERIT exercise books, KIAN counter books and the LOTUS range of envelopes. The focus on quality at a low cost has helped distinguish these brands in Zimbabwe.

Rank have also managed to export their products into the SADC region including Malawi, Mozambique and South Africa. They have recently commissioned a new state-of-the-art counter-book machine and a new exercise book machine to add to the existing plant. These new machines will be targeted at export markets to produce first grade quality products. Rank is committed to producing high quality and competitively priced exercise books and counter books for the entire SADC and COMESA region and is currently looking for trusted and reliable partners in these markets.

www.rank.co.zw

SETS

Specialised Equipment & Technology Solutions (Pty) Ltd is a leading supplier and service provider of test and measurement technology solutions in the hi-tech environment. We offer a range of technology innovative solutions across the board.

Key Business Focus: Sales of electronic test and measurement equipment; ICT sales and services; Design and manufacture of innovative Didactic Trainer Equipment; Sales, Service and Calibration of T & M Equipment. Industries we serve: ICT; Test & Measurement; R&D; Education; Military; Telecommunication; Additive Manufacturing (3D Printing).

Our Products: Didactic training equipment; Vocational training equipment; IT hardware and software; Office equipment and automation; Multimedia equipment; Laboratory Equipment; Environmental Chambers; Renewable Energy Equipment; Power supplies; Oscilloscopes; Function generators; Soldering equipment; General Tools; Network tools; Fiber optic equipment; Telecommunication tools and equipment; Vibration equipment; Thermography equipment; 3D Printing supplies. Our Customer Sectors: Education, Telecommunications, Energy, Power Generation, Mining.

www.setsolutions.co.za

Solution Centre

Founded in Harare, Zimbabwe, in 1997, Solution Centre, is a technology company, the official Apple Warranty Centre, focused on Apple products and services to targeted markets. Solution Centre's vision is to: "be the indispensable provider of tech solutions to Business People, Educators, Students and Creatives in Zimbabwe, enabling them to Capture, Consume, Create and Communicate effectively."

The team comprises 36 certified people, and the company has four outlets, providing the same products, services, software and hardware repairs by Apple Certified Technicians, in each. The education sector has been a focal area for Solution Centre, providing solutions directly or indirectly to all learning institutions in Zimbabwe. We understand that the tablet is a pane of glass that must be whatever the educator or learner needs it to be, so we go beyond the device, and are the largest supplier of Adobe Creativity software in Zimbabwe, bringing the incredibly affordable academic licensing to the country to put the world's most advanced creative software within reach of every school in the country.

Our solutions go beyond devices, to encompass wireless Networks from Aruba Networks a Hewlett Packard Enterprise company, Fortinet gateways, print solutions from Canon, display solutions from Canon and NEC, Mobile Device Management from Jamf and Lightspeed, device syncing, protection and charging from leading brands. As a Microsoft Education Partner, we offer all Microsoft software at favourable pricing, and as the Graphisoft Archicad reseller, we provide, the software used by the world's leading architects, to education institutions free of charge.

www.solutioncentre.co.zw

Technolite

Technolite is a distributor of semiconductors, electromechanical and passive electronic components for automotives, electronics, electrical, automation, mining and process control industries and technical and tertiary educational institutions. We also offer a large range of security and CCTV equipment, power supplies, test instruments and accessories, tools and production equipment, prototyping platforms, and hobby and educational products.

www.technolite.co.zw

Tesca Technologies Pvt. Ltd.

Tesca Technologies Pvt. Ltd. is World's Leading ISO & CE Certified Manufacturer & Exporter of Test, Measuring, Technical Education Training Equipment, Web Apps / Software Development, Workshop Tools & Machines. Member for Electronics & Computer Software Export Promotion Council, New Delhi, India having sales in more than 78 Countries Worldwide. We are actively doing business in Middle East, CIS, South East Asia, Africa as well as South America Countries. We have our representatives in almost all Countries. We are doing projects meant for School Education, Vocational Training, Laboratory, Health Centres, Hospital Equipment, Agricultural Modernization, Industrial Modernization, Rural Water Supply.

Product Range: E-LEARNING LMS / CMS; WEB & SOFTWARE APPLICATIONS; EDUCATIONAL TRAINERS : Analog Electronics Trainer, Antenna, Satellite, Gps, Radar, Rf Trainers, Biomedical Trainers, Bread Board Trainers, Communication Trainers, Consumer Electronics Trainers, Digital Electronics Trainers, Display Boards Trainers, Educational Motors & Machines, Educational Wall Charts, Embedded / Microprocessor Trainers, Fiber Optic Trainers, Instrumentation Trainers, Microwave Test Benches, Pcb Lab, Physics Trainers, Power Electronics Trainers, Robotic Kits / Trainers; IT – COMPUTERS – NETWORKING : Active Networks – Router/Switch/Ceiling Access Point, Laptops & Desktop Pc, Passive Network – Cat6/Patch Panel, Printers, Projectors, Racks, Thinclient & Nodes, UTM Hardware Firewall, Video Conferencing; LABORATORY PLASTICWARE; TEST & MEASUREMENT INSTRUMENTS : Ac/Dc Power Supplies, Analog Oscilloscopes, Analog Portable Meters, Compact Mixed Signal Oscillscopes, Decade Boxes (R,L,C), Digital Clamp Meters, Digital Multimeters, Digital Portable Meters, Digital Storage Oscilloscopes, Digital Tachometers, Energy Meters, Frequency Counters, Ic Testers & Programmers, Infrared Thermometers, LCR Meter, Logic Probes, Lux Meters, Patch Cords, Programmable Dc Electronic Loads, Rheostats, Signal Generators, Spectrum Analyzers; SOLDERING & DESOLDERING STATION; VARIACS/DIMMERSTAT; OIL INSULATION TESTERS; FLUKE PRODUCTS; HAND / POWER TOOLS; LAB FURNITURE; ELECTRONIC COMPONENTS; INTERACTIVE WHITEBOARDS.

Our Strengths: Our key strength lies in our manpower. We are supported by a proficient team of professionals that works in accordance with the clients' requirements. With the assistance of our team mates, we have established ourselves as a well-acknowledged organization in the industry. Our clients believe us for our client-centric approach and ethical business practices. Following are some of the characteristics of our organization, which differentiates us from our competitors: Quality control management system; Consolidated shipment, dispatches & deliveries; No follow ups from different manufacturers; Pre-selection of best products from manufacturer's range.

www.tesca.in

Whizz Education

Whizz Education is an innovative education company that partners with Ministries of Education and Donor Organisations to raise standards in learning, with specialism in maths, through the use of online virtual tutoring, teacher-led digital resources and the application of best practices.

We believe that every child deserves a learning experience that caters to their individual needs and pace of learning. Our international expertise at large scale regional deployments puts students at the centre of the learning experience, supported by capacity building of teachers to deploy ICT for superior outcomes (as opposed to ICT for the sake of ICT). Through our expertise and collaborations we address issues of marginalisation, the digital divide, as well as the poverty and gender gaps prevalent in many environments. The current Avanti-led Imlango project in Kenya is an example in which Whizz is working with multiple stakeholders for capacity building of teachers in 200 rural communities to deploy digital learning resources in maths and literacy, as well as supporting 100,000 pupils, many of them marginalised, with personalised virtual tutoring in maths.

www.whizz.com

ZB Financial Holdings

In ZB Financial Holdings Limited (ZB) is a group of companies in Zimbabwe offering a diversified range of financial solutions. These are retail, commercial & investment banking, international banking and Insurance. ZB dates back to 1951 when the Netherlands Bank of South Africa opened its first branch in Salisbury, now Harare.

The Group targets customers across the socio-economic strata and these include, large corporate bodies, Small to Medium Enterprises (SMEs), the informal sector, Non Profit Organizations and institutional investors. The following units fall under the ambit of the group; ZB Bank; ZB Building Society; ZB Capital; ZZB Life Assurance ZB Reinsurance; ZB Transfer Secretaries; ZB Associated Services.

ZB Bank, the flagship unit provides solutions which include retail Banking, Agency banking, diaspora Banking, electronic Banking, Corporate & Investment Banking as well as International Banking. We pride ourselves in the fact that we are involved in the provision of loans as well as infrastructural development project funding. The Bank boasts of its wide customer reach and extensive distribution network. ZB has impacted infrastructural development and ICT needs notably in the educational sector where it controls over %60 market share. We pay particular attention to agriculture and mining as well as diaspora needs. In terms of social enterprise, ZB participates in sustainable CSR community initiatives under the broad pillar of wellness guided by the United Nations social development goals notably; Good Health and wellbeing; Quality education; Gender equality; Life on land.

www.zb.co.zw
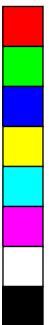
Bronze Partners

CPS

Consultus Publishing Services are publishers of the CPS Series, and the exclusive distributors of Pearson primary and secondary textbooks in Zimbabwe. Our Vision is to be the leading publisher and distributor of educational materials in Zimbabwe. We aim to transforming Zimbabwe by publishing, marketing and distributing modern educational products and services.

Our vision and mission are anchored on the fundamental belief that every Zimbabwean's fate is intertwined. We are guided by the following values: Accountability, Integrity, Mutual Respect, Innovation, Teamwork & inclusivity. The CPS Payoff Line is "…in class with you." This payoff line states CPS's accessibility, distribution, visibility, quality and presence in the learning and teaching journey.

www.cps.co.zw

Branded Partners

Acer

Established in 1976, Acer is a hardware + software + services company dedicated to the research, design, marketing, sale, and support of innovative products that enhance people's lives. Acer's product offerings include PCs, displays, projectors, servers, tablets, smartphones and wearables.

It is also developing cloud solutions to bring together the Internet of Things. Acer celebrated its 40th anniversary in 2016 and is one of the world's top 5 PC companies. It employs 7,000 people worldwide and has a presence in over 160 countries.

www.acer.com

CDSM

CDSM Interactive Solutions – The Learning Management System Specialists. CDSM is passionate about education. Experts in the development and implementation of learning management system (LMS) solutions, we understand how to effectively embed good practice at a grassroots level, promoting the use of digital technologies as part of everyday school life. Far more than just a software technology company, CDSM works in challenging and diverse contexts at a national and regional level. Working in partnership with ministries of education, we deliver transformational projects using: World class technology; Skilled programme and project managers; Effective professional development training programmes for teachers.

Thinqi LMS – The Platform for an Outstanding Digital Education. CDSM's LMS is called Thinqi LMS. It is a cross-platform (mobile, tablet, desktop), multilingual learning platform that has been designed and driven by CDSM's expert understanding of effective pedagogy and practice. Built using contemporary web technologies, Thinqi LMS is delivered from the cloud, and where environmental and infrastructure limitations dictate via a localised cache and offline solution.

A Unique Partnership Offer - CDSM's solution represents a unique offering to progressive, African ministries of education. As a strategic delivery partner in a national education project, CDSM will transfer ownership of its technology platform for K12 public schools. Together, let's deliver a sustainable outcome for a generation of children and young people. CDSM – Never Stop Learning.

www.cdsm.co.uk

Computer Aid

Computer Aid International is a social enterprise with over twenty years' experience in providing low-cost ICT solutions to those who need it most. We aim to increase access to technology to help create better learning environments and new career opportunities. Our approach is based on: Providing access to low cost hardware and industry standard software; Offering training at internationally recognized standards using local resources and facilities when possible; Maximizing educational standards and achievement through technology; Fitting our projects into the local culture and curriculum; Evaluating and improving our projects to ensure they have a positive impact; Problem solving local needs such as access to energy, the internet and digital education resources.

We passionately believe that access to quality education and 21st-century skills are the best way to improve the lives and promote global development. By bringing the skills and the equipment, we hope to inspire individuals to achieve more, whether that is starting their own business, further education, or joining the fast-growing tech industry.

Since we started in 1997 we have helped over 14.5 million people worldwide access technology, provided over 260,000 computers in over 100 countries and enabled over 1 billion hours of learning.

www.computeraid.org

Encyclopaedia Britannica

Encyclopædia Britannica is a global educational publisher with online products that promote knowledge and learning. Now an online resource for schools, colleges and universities throughout the world, Britannica Digital Learning provides timely, relevant, and trustworthy content that can be used in the classroom and from home, with compatibility to any device.

We're deeply involved with schools, parents and educators, designing products for the 21st-century classroom and today's home learning environments. We're a pioneer in digital education, and produce resources that support the least-to-most able with specifically designed features that aid EAL learners and students with reading difficulties.

britannica.co.uk

GradeMaker Pro

The exam authoring system that transforms the way you create assessments. Exam boards around the world are turning to technology to deliver assessments designed to meet the needs of today's students.

GradeMaker Pro's exam authoring system provides: easy-to-use authoring tools that support the creation of professional-looking items and papers; a range of security features and tools providing maximum protection for your high-stakes content; item banking tools to create exams that meet international standards of validity and reliability. If building capacity, driving up quality and delivering world-class assessments are your organisational goals, talk to us about how GradeMakerPro can support you.

GradeMaker Analytics - Harnessing data for targeted, effective school improvement. Are you making the most of your national education and school data? We work with education ministries to provide a tailor-made analytics service, analysing performance trends and patterns at a macro and micro level. You decide what to measure, track and compare, and we create the data portal and reports. GradeMaker Analytics will unlock the power of your education data, allowing governments to monitor the impact of policy, inspectors to identify high performing schools as well as those needing support, and school leaders to become truly effective enablers of the best education for all.

www.grademaker.com

HP

Our vision is to create technology that makes life better for everyone, everywhere — every person, every organization, and every community around the globe.

make. To invent, and to reinvent. To engineer experiences that amaze. We won't stop pushing ahead, because you won't stop pushing ahead. You're reinventing how you work. How you play. How you live. With our technology, you'll reinvent your world.
This is our calling. This is a new HP. Keep reinventing.

www.hp.com

INOVTECH AFRICA Ltd.

INOVTECH AFRICA Ltd. represents exclusively several Israeli technology manufacturers in the African continent. We have distribution channels for those technologies in more than 10 countries in Africa and our own office in Kenya. We provide sales and technical training to our local channels in the continent. Today, our main focus is in different fields like Audio Visual solutions (Kramer Electronics). Security and Medical devices. Kramer Electronics is a Manufacturer of professional audio visual solutions. With more than 37 years in the market and 25 offices in the world, it is one of the leaders in this industry with more than 1200 products.

In the Education market, we offer Audio Visual solutions based on Kramer products that improve the teaching-learning experience for teachers and students as well. Our products are installed already in several education institutions in Africa like School of Medicine University of Nairobi – Kenya, Witbank University, Stellenbosch University – S. Africa, ASHESI University Accra, Knust Kwame Nkrumah University of Science & Technology Kumasi, Central University Accra – Ghana, Lagos School of Business – Nigeria, International Community School of Abidjan – Ivory Coast, Makerere University, Uganda Management Institute, Victoria University – Uganda just to mention some of them.

Our CEO, Raul Novick, has a successful career with more than 14 years' experience on business development in the African continent, opening new markets and growing business for the companies he worked with. Our goal is to bring the state of the art technologies from Israel to Africa, in order to improve the life of millions in the African continent.

Information Systems Engineering

Information Systems Engineering (ISE) was formed in 1991 as a technical company maintaining PC Networks and repairing computer hardware. As the market evolved, so did ISE. In 2001 ISE moved into the Internet market, primarily in the Hospitality space as Hotels were early adopters of the technology. Within a few years Internet evolved to Internet by WiFi rather than Internet by cable. ISE were one of the first companies to distribute WiFi equipment in Southern Africa and are the foremost WiFi specialists Sub Saharan Africa. ISE Distributes Riverbed Xirrus WiFi equipment. It is Enterprise Grade High Capacity WiFi. Our technical team will perform an active site survey to assess what is required for a robust and effective WiFi network.

While ISE focuses exclusively on wireless network system design, on-site services, installation and support we also have the expertise and experience to integrate our systems into your existing IT infrastructure. We bring a technology team to your project that not only includes appropriately certified Wireless network engineers and RF engineers but also includes network engineers with deep knowledge of network architecture and protocol interaction. This is a critical skill set to have in a project team because your wireless network system is going to be an extension of your wired IP infrastructure. These have to work together to make your project successful.

We work very closely with the eLearning content providers. More schools in Africa are installed by ISE with Xirrus Wifi than any other WiFi product. As a Distributor we can offer you the best possible pricing with highly trained and experienced Technical Support.

www.infosys.africa

MasterCard Foundation

The MasterCard Foundation works with visionary organizations to provide greater access to education, skills training and financial services for people living in poverty, primarily in Africa. As one of the largest private foundations its work is guided by its mission to advance learning and promote financial inclusion to create an inclusive and equitable world. Based in Toronto, Canada, its independence was established by Mastercard when the Foundation was created in 2006. Follow the Foundation at @MastercardFdn on Twitter

www.mastercardfdn.org

MicroMaker

MicroMaker is a joint venture based in Singapore and the UK. This start up specialised in creating STEAM educational resources many of which have been designed around the micro:bit. One of the founders of MicroMaker, David Crellin, worked with the BBC and other companies such as Microsoft and ARM holdings to develop the micro:bit which is a very low cost codable computer. Aimed specifically to encourage all young people and in particular girls to get interested in digital making, coding and electronic design one million micro:bits were given to students aged 11 in the UK in 2016.

In 2017 MicroMaker won a contact in Singapore to distribute 100,000 micro:bits to schools, colleges and community centres around Singapore. This contract forms the basis of the digital maker programme in Singapore which includes a training programme for teachers. Each teacher has the opportunity to learn how to use the micro:bit in the classroom followed by support them in getting into more creative and enterprising activities with their students. The digital maker programme runs up until March 2019.

In addition to the Digital Maker programme, MicroMaker specialises in developing kits for use with the micro:bit. Kits include Destination packs which have guided design outcomes to the Exploration packs for more open-ended creative activities and Investigation packs for exploring science and engineering.

micromaker.co.uk

Panworld Education

Panworld Education, headquartered in United Arab Emirates (UAE), is one of the leading providers of content & technology solutions to the K12-, Higher Education, Governments & Ministries and corporate sectors, across Middle East & Africa. The company brings to its customers the best of the solutions of Content, Technology & associated services to support Curriculum content, Reference content, Enrichment content and the associated technologies & services to deliver, disseminate, manage & discover the content.

The company cooperates with some of the leading solution providers & OEM from across the world to provide cutting edge solutions in the region. The company is associated with leading educational institutions, academic consortia, national level initiatives and strategic government projects across the region.

www.panworldeducation.com

ScienceScope

ScienceScope Ltd recently relocated to Downside School just south of Bath. As ScienceScope specialises in developing technology for education, this unique arrangement of a high tech company being based in a school offers significant opportunities for us and students to work together on a range of new and exciting projects.

ScienceScope combines leading edge research projects with supply of equipment to schools and universities. Our product development programme is inspired by the research we do. In recent years the key areas of research have been: Developing the only electronic device for measuring Arsenic levels in groundwater; Developing novel air quality monitoring technology which has been widely deployed in Singapore Bangkok and London; We have carried out a series of IOT based development projects both in the UK and Singapore schools. In the UK we won an 800£K research grant from Innovate UK to work with 8 schools and three Universities to originate IOT@School. IOT@School which is being further developed in Singapore with the National Institute of Education.

We are an EXPO2020 Live award winner. This project has enabled us to develop the IOT@School concept further. We are working with the GEMS schools in Dubai and students are designing their own big data investigations. Examples include investigating microclimates around the school grounds, weather across the world and air quality in the classroom. We are working closely with the Dyson Foundation to inspire students to become the engineers of the future.

sciencescope.uk

Snapplify

Snapplify is a leading global edtech company focused on content distribution, mobile publishing and innovation for digital education. Our responsive and interactive e-learning solutions are already being implemented in hundreds of schools. Snapplify for Education, a suite of products for digital reading and e-learning, is transforming classrooms by empowering teachers and students to teach and learn, digitally. From software to support, we provide institutions with everything they need to create a secure, collaborative e-learning environment for students. In addition, the Snappbox, our hardware distribution solution for ebooks, allows schools with limited or no connectivity to access learning materials, saving data and download time. Our solutions are industry celebrated and globally recognised for their innovation in technology. Snapplify has won multiple awards for revolutionising ebook distribution for schools.

Snapplify's Publisher Solutions suite is built from our long experience in the publishing industry, working hand-in-hand with leading local and international publishers. This robust collection of products and services allows publishers to manage their content and metadata distribution, seamlessly. Our efficient systems increase title discoverability, simplify distribution, and feed back usage data, so publishers can track ebook sales, title popularity and reading behaviour on specific titles. The suite also includes a white-labelled store and reader technology that facilitate quick and easy sales.

Snapplify originated in South Africa, focusing initially on the South African education and digital content industries. Since its establishment in 2012, the company has grown and expanded into new markets in Africa and the United States, with offices across South Africa, as well as in Nairobi, Amsterdam and New Jersey. Snapplify is backed by AngelHub Ventures, a venture capital company backed by former First National Bank CEO Michael Jordaan and the Harris family, as well as international investors.

solutions.snapplify.com

Smith & Ouzman

Smith & Ouzman is a global company specialising in printing and software for secure and sensitive documents, providing the highest standards in quality, reliability and integrity for over 65 years. Any document that holds a financial or intrinsic value is open to attempted forgery and counterfeiting. Whether the document holds a face value, or entitles the bearer to certain privileges, it will be viewed as a document of value and it is our intention to work with Educational and Government Institutions to help combat these attempts thereby protecting the integrity of the documents and the institution itself.

Over the past 20 years, the landscape of the security print industry has changed beyond recognition. Traditional security print markets are increasingly integrated with software and ICT services. Smith & Ouzman

have responded to this change. We have developed a range of bespoke software solutions to support you and the protection of secure and sensitive documents, thus helping our partners with digital transformation projects for secure and sensitive documents.

Ecertsecure – A Secure online Certificate Personalisation & Delivery Service. Developed in partnership with Botswana University of the Arts London & Botswana Qualifications Authority: Used for complete certificate management; Integrates into CRM and Courier systems; Incorporates an online validation facility.

Epayslipsecure – A Flexible Payslip Generation and Distribution Service. Developed in partnership with Mitie: Now provides pay advice for over 250,000 UK employees; 120,000 digital or app, 130,000 paper; 400 Braille, audio and large print.

www.smith-ouzman.com

Stephen Austin

Security Printing and Distribution of National and High-stakes Examinations. A pivotal moment in any candidate's life, academic assessments impact the examination boards and awarding bodies, whilst resonating throughout society and government.

Our aim is to help Ministries and Boards deliver examinations that meet the highest international standards in terms of quality, security, accuracy and reliability. Stephen Austin is a leading specialist in secure printing & distribution of high stakes examinations. We have been collaborating with clients for over 60 years. Annually, we deliver more than 90 million examination papers to 300,000 schools in 25 countries.

In an era of increasing scrutiny and regulation by governments and stakeholders it is imperative that the printing and delivery of examinations is faultless. Our dedicated team has extensive global experience and will ensure that materials are secure, accurately produced and delivered on time.

www.stephenaustin.co.uk

Van Schaik Bookstore

Van Schaik Bookstore is one of the leading academic textbook, e-textbook and resource suppliers in southern Africa. Having reached its -100year milestone in 2014, it has a proud heritage of knowledge and expertise to service students, lecturers, schools, institutions and professionals by deploying the most appropriate sales channels required. With more than 70 stores, including shops in Namibia, Botswana and Swaziland and an online store, vanschaik.com, it is conveniently located on campus or within walking distance of most major academic institutions.

Van Schaik is also an official UNISA bookseller and its online store, makes academic resources available world-wide. This is in line with the Company's mission to service its clients in Africa with quality educational material in order for them to achieve their educational goals. The products are not excluded to textbooks, but also include a variety of electronic devices such as laptops, tablets and smartphones. The stationery and other lifestyle products are supplied by trusted and relevant brands.

Van Schaik Bookstore's excellence has been recognized by coveted industry awards such as the prestigious Sefika Academic Bookseller of the Year Award from 2012 to 2017. The company has been on the leading edge of educational technology (EdTech) for Higher Education in Southern Africa, helping many institutions to transform their traditional learning and teaching activities into exciting new e-learning initiatives. Van Schaik Bookstore develops unique e-book solutions as an aggregator of a variety of software platforms (such as SmartSWOT) coupled with a range of compatible hardware from selected device manufacturers.

www.vanschaik.com

WOWBii Interactive

WOWBii Interactive is Africa's first original equipment manufacturer of interactive touchscreens. Founded in 2015, WOWBii is transforming the way Africa works and learns by redefining meeting room and classroom technologies. WOWBii's interactive and immersive solutions feature integrated computing, cloud-based infrastructure, wireless connectivity and cross-platform compatibility, giving users instant access to information, content and applications.

WOWBii offerings are flexible and adaptable, coming with unparalleled customer support and warranty. Offerings include BUDDRoom™, an interactive meeting room solution that allows meeting participants to meaningfully communicate and collaborate in ways not possible in traditional meeting rooms; and BUDDZone™, a learning area offering educational itinerary designed to enable educators use technology resources to drive interactive learning. As a proudly-African brand focused on providing simple yet durable products, WOWBii aims to be the preferred interactive solutions provider on the continent.

www.wowbii.com

Connectivity & WiFi Partner

Liquid Telecom

Liquid Telecom is the leading independent data, voice and IP provider in eastern, central and southern Africa. It supplies fibre optic, satellite and international carrier services to Africa's largest mobile network operators, ISPs and businesses of all sizes. It also provides payment solutions to financial institutions and retailers, as well as award winning data storage and communication solutions to businesses across Africa and beyond. Put simply, we connect people.

We started out by questioning the way things are done and being single-minded in our determination to improve them. Everything we do is driven by a simple yet powerful belief that everyone in Africa has the right to be connected. Over the last decade, this vision has helped us change the face of communications in the region.

Our future-focused approach to new product development makes our services enduringly adaptable. Our flexible and dynamic business model keeps us at the forefront of telecoms innovation. And by listening to customers, we ensure that our solutions are constantly evolving to meet their needs. Among many other global awards, the company has been named Best African Wholesale Carrier for the last four consecutive years at the annual Global Carrier Awards.

www.liquidtelecom.com

Innovation Africa 2018 welcomes the following Government Ministries & Departments

Zimbabwe Ministry of Higher & Tertiary Education, Science & Technology Development

The vision of the Ministry of Higher & Tertiary Education, Science & Technology is to make Science and Technology an integral part of both individual and national development.
The mission of the Ministry of Higher & Tertiary Education, Science & Technology is to provide an effective system for the production of patriotic and competent high level manpower through the provision and accreditation of higher and tertiary education programmes and institutions for sustainability and global competitiveness. In addition to provide an enabling environment in which Science and Technology thrives to intensify national development.

Zimbabwe Ministry of Information & Communication Technology & Courier Services
The Ministry of Information Communication Technology & Courier Services aims to develop an enabling environment for the creation of a knowledge based society that transgresses across all levels of the society. To this end the Ministry is guided by the following vision and mission: Its vision is a knowledge based society with ubiquitous connectivity by 2020. Its mission is to exploit the potential of ICTPCS for sustainable socio-economic development in Zimbabwe.

The Ministry intends to achieve this through the following key result areas: ICTPCS Governance, ICTPCS Infrastructure Development, ICTPCS Research and Development, e-Government, ICTPCS Access and Utilisation and ICTPCS Corporate Services.
The Ministry in its endeavour to create a knowledge based society is undertaking the following major projects and programmes: (i) ICT Lab Per school- which is aimed at introducing ICTs from grassroots level; (ii) Community Information Centres (CICs) aimed at creating rural access centres and use the medium of ICT to promote community- based ICT applications; (iii) Communication Infrastructure Backbone for ubiquitous connectivity in the country; (iv) e-Government for service delivery and (v) Review of National ICT Policy framework and development of other sector policies.

Zimbabwe Ministry of Primary & Secondary Education
The vision of the Ministry of Primary & Secondary Education is to be the leading provider of quality education, sport, arts and culture for the development of united, well-educated Zimbabweans who are patriotic, balanced, competitive, and self-reliant with unhu / Ubuntu.

The mission of the Ministry of Primary & Secondary Education is to promote and facilitate the provision of high quality, inclusive and relevant Early Childhood Development (ECD) Primary and Secondary Education, Life Long and Continuing Education, Sport, Arts and Culture.

Angola Ministry of Education
The Ministry of Education is the government department responsible for defining, coordinating, implementing and evaluating the education system's national policy within pre-school education, primary & secondary education along with extracurricular education.
It is also responsible for promoting the country's policies on national education and national vocational training.

Benin Ministry of Secondary Education, Technical & Vocational Training
Plan implemented: (1) free pre-primary and primary education, (2) exemption of school fees for girls in the first three years of secondary education and (3) free university registration for students with no scholarship or financial aid.

Preschool: improve access to preschool programs by creating public preschools, supporting private preschools, and ensuring quality preschool education.

Primary school: the program focuses on 25 communes where the enrollment rate is lowest. It aims to increase access and retention, improve quality and equity, and ensure that girls and children with special needs be included. It also aims to improve the system management.

Secondary school: increase access, improve equity and quality, improve girls' access to secondary education, and strengthen management.

The Beninese secondary education system offers a technical and vocational focus starting after completion of primary education. The system is called Enseignement et Formation Technique et Professionnel (EFTP).

Botswana Ministry of Basic Education
The new Ministry exists to provide foundation through strengthening early childhood development and learning from pre-primary to senior secondary education.

The Department of Basic Education interprets Education policies, design, develop evaluate and ensure prompt delivery of quality Education to learners at secondary level.

Burundi Ministry of Education
The government of Burundi has identified education as a core focus of its long-term development vision. In 2016 Burundi allocated %27.5 of its public expenditure budget to education, equivalent to %9 of GDP.

The current education sector plan, Programme sectoriel de développement de l'éducation et de la formation (PSDEF) covers the years 2020-2012 and sets out to "achieve universal primary education and to educate the majority of youth until they reach an age where they can find their place in society."

Burundi Ministry Education, Higher Education & Scientific Research
The will of the Ministry of Education, Higher Education and Scientific research is to fundamentally improve the use and investment of ICT in all Education, Higher Education and Scientific Research institutions.

Computer developments in education & higher education institutions are based on the development of a common telecommunications infrastructure, on radio and satellite transmissions (internet), as well as fibre optics; networking services and professionals: administration, teachers, students, etc.

They also include the development of software to manage the BMD (Bachelor, Master, and Doctorate) system and progressive management software Administration (accounting, finance, personnel, and archive) along with library management, training, self-study and communication with the Ministry and other stakeholders.

Cameroon Ministry of Employment & Vocational Training
The Ministry of Employment and Vocational Training is responsible for the development and implementation of national policy on employment, training and professional insertion.

In this capacity it is responsible for the preparation of employment policy; defence and promotion of employment; the orientation and placement of the workforce; the study of employment evolution and the labour market; the study of the job skills change; the design and organization of fast training activities; the definition of organizational learning and standards of qualification and monitoring their compliance systems; organizing & monitoring the professional integration of trained young people and organization of recycling activities or retraining workers who have lost their jobs.

Zacharie PEREVET, Ministry of Employment and Vocational Training "The Ministry of Employment and Vocational Training is determined to intensify its efforts to win the crusade against youth unemployment and the socioprofessional integration of all with a single motto: quality training for a decent job."

Cameroon Ministry of Secondary Education
The Ministry of Secondary Education is responsible for designing, implementing and evaluating government policy in the area of general secondary, technical and teacher education.

It studies and advises the government on ways to adapt the secondary education system to national social and economic realities particularly on the appropriateness of the higher education to the needs of the national economy. The Ministry works in partnership with both the public and the private sector.

Cape Verde Ministry of Education, Family & Social Inclusion
ME has as its mission to promote new dynamics that contribute to social and economic growth in Cape Verde. This can be achieved by raising the quality of higher education to above international standards, developing a system for scientific research to address internal needs, and appropriating scientific knowledge through innovations in the national development process.

Cote d'Ivoire Ministry of National Education, Technical Education & Vocational Training
The Head of State, His Excellency President Alassane OUATTARA has engaged Côte d'Ivoire in a process to lead the country to economic and social emergence by 2020. Vocational training, integrated into the education system, enables young people to gain a foothold in the world of work and to ensure succession by training qualified professionals and managers, and therefore has a key role to play in this process. It is indeed an important issue for the private sector because the quality of human resources is a key success factor in the performance of companies. Thus, Technical Education and Vocational Training have the main mission of satisfying effectively the expectations of the population in terms of Vocational Training and meet the needs of qualified staff of companies to improve their performance and competitiveness. The Strategic Action Plan, which is developed around these missions, has the major objective of developing human capital.

Democratic Republic of the Congo Ministry of ICT
CTs are under the mandate of the Ministry. The liberalization of the ICT sector to private partners in the framework of the economic reforms initiated by the country's authorities, enabled it to rank among the growth sectors of the Congolese economy. The development of production evidenced by key programs:

Construction of modern national telecommunications infrastructure (mobile and broadband internet); Development of internet centres; Development of Applications of New Information Communication Technologies in Universities, Colleges and in primary and secondary schools; Development of ICT in the promotion of agriculture; Implementation of management mechanisms of Internet exchange point; Provision of standard Internet services including web browsing, email, file transfer, interpersonal communication; Building a modern national telecommunication infrastructure (mobile telephony and broadband internet) through a public-private partnership.

Democratic Republic of Congo Ministry of Scientific Research and Technology

The ministry oversees the DRC's science, technology and innovation policy as well as the objectives of all research currently undertaken in the country. The ministry supports research organisations active in the field of ICT, agriculture, mining, geology, biomedicine, nuclear energy, environment and conservation.

The dynamism of the research sector in DRC is demonstrated by the ministry's support of the Academy for the Advancement of Science & Technology for Innovation which has seen a tripling of research output since 2009.

Equatorial Guinea Ministry of Finance, Economy and Planning

The Government of Equatorial Guinea is making education a top priority as part of its Horizon 2020 development plan. The Ministry for Finance, Economy and Planning is ensuring the implementation of highly visible structural reforms and consolidating macroeconomic stability. To revive economic growth, Equatorial Guinea is determined to foster private sector activities in sectors considered strategic, including ICT, education, agriculture, fisheries, tourism, and financial services.

The government intends to establish a national committee to spearhead reforms; expand training opportunities; and develop policies. The Ministry for the Economy, Planning & Public Investment is implementing a broad effort to improve the business climate and the efficiency of public services to foster private sector development. The Equatoguinean government has established a co-investment national fund that will support national and foreign private initiatives in the productive sectors of critical importance, whose capital amounts to a billion dollars.

Equatorial Guinea Ministry of Education, University Teaching & Sports

The educational system is supervised by the Ministry of Education and Sciences and is focused on the country's transformation into a high-quality source of well-educated young men and women, the development of the youth not only with skills needed for the socio-economic advancement of the country, but also to be highly competitive in the global economy.

The Government of Equatorial Guinea is commitment to transform the country's entire education system, and improving the quality of teaching and learning in primary education in particular. Teachers are developing pedagogical skills; how to make lessons engaging and less reliant on rote memorization; how to manage multi-grade classrooms, and content knowledge in communication, math, and other subjects. Primary schools are being modernised with school supplies, classroom materials, and furniture; and the ministry has established a data-collection system to record information about schools, teachers, and students.

Eswatini Ministry of Education & Training

The primary mandate of the Ministry of Education and Training is to provide access to relevant quality education at all levels to all Swazi citizens; taking into account all issues of efficacy, equity and special needs. Realizing that education is the foundation and the main pillar of economic and social development and being cognisant of its core mandate, the Ministry of Education and Training continues to commit itself to providing accessible, affordable and relevant education of the highest quality.

The Ministry believes that that by being responsive to its core business, its contribution to the achievement of the country's long-term vision of ensuring that Swaziland is amongst the top %10 of the medium human development group of countries founded on sustainable economic development, social justice and political stability, as articulated in the country's National Development Strategy (NDS) Vision 2022, will be realised.

Gabon Ministry of Digital Economy & Communications

The expansion of Gabon's ICT sector is high on the government's priority list for the coming years, as it continues to push for economic diversification and private sector development.

Developing digital infrastructure is a central component of the government's national strategy.

Ghana Ministry of Education

The overall goal of the Ministry is to provide relevant and quality education for all Ghanaians, especially the disadvantaged, to enable them to acquire skills which will make them functionally literate and productive to facilitate poverty alleviation and promote the rapid socio-economic growth of the country.

The mission of Ministry is to carry out the Government's vision of using quality education delivery to accelerate the nation's socio economic development through an action plan comprising of expanding access to education at all level of education; providing and improving infrastructural facilities; raising the quality of teaching and learning for effective outcomes; making education more relevant to national goals and aspiration by focusing on vocational and technical education and making tertiary education more cost effective.

Kenya Institute of Curriculum Development

The Kenya Institute of Curriculum Development (KICD) was established by the Government of Kenya in January 2013 to provide key functions, including: administration of college examinations; recommend to the MOE on the award of certificates; serve as a centre for professional activity for teachers, officers of the government and others involved in educational work; promote and cooperate in the provision of conference and in-service courses for teachers and others engaged in educational work.

Its vision is 'A world class Centre for dynamic and competitive curricula' and its mission is 'To provide research based curricula and curriculum support materials responsive to the needs of the society'. Its values include: professionalism; teamwork; innovation and creativity; integrity and trust.

.Kenya ICT Authority

The Information and Communication Technology (ICT) Authority is a State Corporation under the Ministry of Information Communication and Technology. The corporation was established in August 2013. The Authority is tasked with rationalising and streamlining the management of all Government of Kenya ICT functions. Our broad mandate entails enforcing ICT standards in Government and enhancing the supervision of its electronic communication. We also promote ICT literacy, capacity, innovation and enterprise in line with the Kenya National ICT Masterplan 2017.

The Ministry of ICT's vision is to make Kenya a world class of excellence in ICT. Be the leader in transforming Kenya into a regional ICT hub and a globally competitive digital economy. It's mission is to champion and harness ICT for efficient and effective public service delivery, wealth creation and well-being of Kenyans.

Kenya Ministry of Education

Mission Statement: To provide, promote and coordinate quality education, training and research; and enhance integration of Science, Technology and Innovation into national production systems for sustainable development.

Vision Statement: A globally competitive education, training, research and innovation system for sustainable development.

Kenya National Commission for Science, Technology & Innovation NACOSTI

Vision: An Innovation-driven economy for prosperity.

Mission: To improve the quality of life of Kenyans by integrating science and technology in social and economic development. We Regulate, Assure Quality, Promote, Coordinate and Advise on Science, Technology, Innovation & Research.

Quality Policy Statement: The National Commission for Science, Technology and Innovation is committed to providing quality advice, coordination, promotion and regulation of research, science and technology.

Lesotho Ministry of Education & Training

Its mission statement is to develop and implement policies which ensure acquisition of functional literacy among all Basotho and the development of a productive, quality human resource base through education and training.

Its sector objectives are to improve access, efficiency, equity and quality of education and training at all levels; ensuring curricula and materials are relevant to the needs of Lesotho. To ensure both vocational-technical and non-formal education programs respond to the needs of industry and community; to develop and implement a common system of regular collection and reporting of information on current status, future demand and supply, and on priority educational areas in the country. It aims to progressively achieve the equivalence, harmonization and standardization of the education and training systems nationally, regionally and internationally; participating in regional and international educational sector development initiatives promoting gender equality and ensuring empowerment to disadvantaged groups.

Liberia Ministry of Education

The Ministry of Education is addressing education challenges related to access, quality of instruction, and human and financial resources. The education programs focus on improving the quality of teaching and learning (especially in early grade reading and math), and increasing equitable access to safe learning opportunities for girls.

The Ministry of Education has implemented a public school payroll that will link the payroll and education management information system. The program supports government efforts to implement pre-service primary level certification teacher training programs; strengthen the Rural Teacher Training Institutes; and through school-based teacher training, implement the national plan to ensure all children are reading by the end of Grade 3.

Madagascar Ministry of Higher Education & Scientific Research

The Ministry of National Education and Scientific research (MENRS) is responsible for the overall management and accountability of higher education and research in Madagascar. Madagascar's higher education sector includes a number of colleges and universities. The universities and colleges in Madagascar provide higher education to the interested students of the island. The universities and colleges in Madagascar hold an important place in the educational system of Madagascar.

The responsibility for formulating the Malagasy research policy lies with ministry responsible for the scientific research, currently the Ministry of Higher Education and Research (MHESR). Eight main research centres and institutes operate under the guidance of the MHESR. The strategic goals of the Malagasy research system are: to participate in the conception and implementation of national research policy for sustainable development; to encourage and contribute to the generation of innovation; to strengthen the adaptation and adoption of outside technologies while developing local knowledge and valorising natural resources; and to transfer and upscale research results to end-users.

Malawi Ministry of Education, Science & Technology

The Ministry of Education, Science and Technology is the custodian of the Malawi's Education Sector as well as all matters relating to Science and Technology. The Ministry is the Government arm that is responsible for providing policy guidance and direction on all education, science and technology issues.

Vision: The vision for the education sector is to be a catalyst for socio-economic development, industrial growth and instrument for empowering the poor, the weak and voiceless. Education enhances group solidarity, national consciousness and tolerance of diversity. In essence, the sector wishes to ensure better access and equity, relevance and quality, and good governance and management in all institutions from basic education to higher education.

Mission: The mission of Ministry of Education, Science and technology is to provide quality and relevant education to the Malawian nation. Such education should enable people to acquire relevant knowledge, skills, expertise and competencies to perform effectively as citizens, workforce and as leaders of Malawi, thereby reducing poverty amongst the people of Malawi.

Mauritius Institute of Education
The Mauritius Institute of Education (MIE) was set up in 1973 with the prime objective of modernizing the education sector and providing it with a professional teaching workforce. The MIE provides training for the pre-primary, primary and secondary sectors of education, targeting all units, including teaching and management.

MIE is also the body in charge of developing the curriculum, textbook writing and evaluation. Its vision is to excel as a renowned institution of higher learning, committed to the empowerment of educators and professionals in related fields through research, scholarship and pedagogical innovations. Its mission is to promote advancement of knowledge and innovation in education through research; inform educational policy; improve access to initial and continuous professional development; provide quality service and lead the process of curriculum development.

Mauritius Ministry of Education & Human Resources
Vision: To create the next generation of forward-looking and innovative leaders contributing to the transformation of the Republic of Mauritius into a high ranking, prosperous nation.

Mission: Re-engineer the education and skills development system to construct a cohesive, inclusive and productive society; Foster a holistic education that makes of learners upholders of values and resilient, globally-minded citizens; Create an enabling environment for a higher education system that both generates and equips learners with innovative, cutting edge knowledge and deep skills for increased competence in a dynamic work environment; Sustain existing and motivating conditions towards the recognition of Mauritius as a major regional and Continental Education Hub.

Mozambique Ministry of Science & Technology, Higher & Technical Professional Education
The Ministry of Science & Technology, Higher & Technical Professional Education is a core part of the central state apparatus which, in accordance with the principles, objectives, policies and plans set by the Government, determine, regulate, plan, coordinate, monitor and evaluate activities within the Science and Technology, Higher, Vocational and Technical Education framework.

Its duties include proposing policies and development strategies; regulating inspecting and coordinating activities; defining areas of priority; defining public funding mechanisms; promoting the emergence of institutions; managing Technical & Vocational Education in coordination with other government entities and civil society; promoting intellectual property rights; promoting short duration courses and distance learning.

Namibia Ministry of Education, Arts & Culture
The mission of the Ministry of Education is to work to realize the overall goals of the nation. In partnership with stakeholders, it is committed to providing all Namibian residents with equitable access to quality education programmes to develop the abilities of individuals to acquire the knowledge, understanding, skills, values and attitudes required throughout their lifetimes. The Education Customer Service Charter outlines the standard of service and is based on the Public Service Charter.

The MoE will continue to inform about legislation, regulations, and current policy issues pertaining to its activities and programs. MoE Strategic Plans and Annual Reports - Strategic and annual plans and reports provide snapshots of the continuous improvement and development in the Ministry. Important Ministry Goals, Objectives, Performance Targets and Strategies are also outlined.

Nigeria Federal Ministry of Education
The vision is to become an economic model, delivering sound education for public good. Nigeria's Federal Ministry of Education's mission is to use education for fostering development of all Nigerian Citizens to their full potentials in the promotion of a strong, democratic, egalitarian, prosperous, indivisible and indissoluble sovereign nation under God.

Mandate: Formulate and co-ordinate a national policy on education; Collect and collate data for purposes of education Planning and Financing; Prescribe and maintain uniform standard of education throughout the Country; Control and monitor the quality of education in the Country; Harmonize educational policies and procedures of all the States of the Federation through the instrumentality of the National Council on Education (NCE); Effect co-operation in educational matters on an international scale; and Develop curricula and syllabuses at the National Level.

Republic of the Congo Ministry of Scientific Research & Technical Innovation
The Ministry is responsible for advancing scientific research within the Republic of Congo and has been driving the task of evaluating science, technology & innovation indicators (STIIs). Such indicators are now being used to implement improved policies for STEM and inform the panning of the ministry to enhance the Republic of Congo's scientific & technological development. The Ministry is determined to advance entrepreneurship and innovation through developing public-private partnerships with international industry operators.

Rwanda Ministry of Education, Science & Technology
The vision of the Ministry of Education (MINEDUC) is to provide the citizens of Rwanda with equal opportunities to high quality education through world class learning facilities and renowned learning institutions.

The general mission of the Ministry of Education shall be to transform the Rwandan citizen into skilled human capital for socio-economic development of the country by ensuring equitable access to quality education focusing on combating illiteracy, promotion of science and technology, critical thinking and positive values.

Rwanda Education Board
The mission of Rwanda Education Board is to fast-track education development in Rwanda by enabling education sector growth. The scope of their work includes all aspects related to the development of the education sector. This involves working with and addressing the needs of schools of all sizes (Public, Private) and brings education on the same range as the East African Community.

Senegal Ministry of National Education
From 2012, the State of Senegal began laying the foundations for a new vision in terms of development, a vision that eventually gave birth to the Plan Sénégal Émergent (PSE), a reference document for the economic and social policy of Senegal. State on the medium and long term.

The ambition of the State of Senegal is to promote economic growth with a high impact on human development, the consolidation of achievements, particularly in the area of democratic governance, and the refocusing of priorities with a view to guaranteeing lasting stability. Economic, political and social had become imperative. Moreover, major investment programs in buoyant sectors, capable of stimulating strong and sustained growth dynamics, were to be put in place.

Based on the major political options of the State and taking into account the national as well as the global context, the Policy Letter of the Education and Training Sector for the period 2025 - 2013 indicates that the option of the Government is to put in place "a system of education and training in line with the requirements of economic and social development, equitable, effective, efficient, more committed to the care of the excluded and based on inclusive governance, increased accountability of communities and grassroots actors ".

Seychelles Ministry of Education & Human Resource Development
The mission of the Seychelles Ministry of Education is to build a coherent and comprehensive system of quality education and training reflecting universal and national values, which will promote the integrated development of the person and empower him/her to participate fully in social and economic development.

The vision of the Seychelles Ministry of Education is to empower future citizens to contribute positively to the process of building a sustainable, peaceful and harmonious Seychelles society whilst safeguarding and promoting our unique traditions and cultural values.

Sierra Leone Ministry of Information & Communication
The vision of the Ministry of Information & Communication is to ensure that every citizen has access to timely, accurate, clear and objective information on national and international issues of relevance and the image of Sierra Leone is enhanced in the eyes of the outside world.

The Mission statement of the Ministry is 'to develop all segments of the information and communications sector in order to keep all the citizens well informed, educated and sensitized about the activities of all branches of Government and to enhance the image of Sierra Leone in the eyes of the outside world. With the emergence of ICT as the engine of growth in modern day economy, the Ministry has grown in scope and importance, and if properly managed can become one of the greatest revenue earning institutions in the country.

Somalia Ministry of Education, Culture and Higher Education
The vision is to provide quality education service for development by enabling our citizens to acquire knowledge and skills necessary to make well achievement in the highly competitive global economy.

South Africa Ministry of Basic Education
The Department of Basic Education (DBE) was formed when the then National Department of Education was split into the DBE and the Department of Higher Education and Training. The DBE has been tasked with overseeing primary and secondary education in South Africa.
Its vision is of a South Africa in which all people have access to lifelong learning as well as education and training which will contribute towards improving the quality of life and build a peaceful, prosperous and democratic country. Its mission is to provide leadership with respect to provinces, districts and schools in the establishment of a South African education system for the 21st century. Its values include people, excellence, teamwork, learning and innovation.

South Africa Ministry of Higher Education & Training
It is the mission of the Department of Higher Education and Training to develop capable, well-educated and skilled citizens who are able to compete in a sustainable, diversified and knowledge-intensive international economy, which meets the development goals of our country.

The Department will undertake this mission by reducing the skills bottlenecks, especially in priority and scarce skills areas, improving low participation rates in the post-school system , correcting distributions in the shape, size and distribution of access to post-school education and training and improving the quality and efficiency in the system, its sub-systems and institutions.

South Africa: Mpumalanga Province Department of Education
The Mpumalanga Department of Education is responsible for developing, evaluating and maintaining policy, programs and systems for general and further education and training, including ABET and ECD. It provides education policy, planning and development support services for the department. The Department derives its core mandate from the Constitution.

Everyone has the right to a basic education, including adult basic education; and to further education, which the state, through reasonable measures, must make progressively available and accessible. Everyone has the right to establish and maintain, at their own expense, independent educational institutions that do not discriminate on the basis of race; are registered with the state; and maintain standards that are not inferior to standards at comparable public educational institutions.

South Africa: Gauteng Province Department of Education
Their mission is to support the Premier and Executive Council in implementing Gauteng Provincial Government (GPG) policies as well as their statutory and political responsibilities effectively and efficiently. The vision is to be an innovative, responsive and vibrant nerve centre for people-centred governance.

South Africa: KwaZulu Natal Province Department of Education
To improve learner attainment and improve effectiveness and efficiency of the system we need to look at implementation problems such as: a complex curriculum policy; inadequate co-ordination and management; insufficient capacity in terms of staff and finance; inadequate teacher development; and limited curriculum development for teachers.

South Africa: Western Cape Province Department of Education
The Western Cape Education Department is responsible for public schooling in the province from grades 1 to 12. They provide specialised education services, among others, and subsidise and support Grade R education. We also provide Further Education and Training (FET) and Adult Basic Education and Training (ABET).

South Sudan Ministry of Education, Science & Technology
The Ministry of General Education and Instruction is a ministry of the Government of South Sudan that is responsible for primary and secondary education, as well as the training of educators, in the Republic of South Sudan.

South Sudan Ministry of Higher Education, Science & Technology
Higher Education Institutions [HEIs] are institutions where students are required not only to acquire knowledge but also contribute effectively in producing it as well as developing their critical faculties. There are eight government-sponsored universities in South Sudan. Five are currently operational while three are still at the project level. There are over 35 private tertiary institutions operating in South Sudan.

The Ministry intends to regulate the expansion of tertiary institutions by establish the national Council for Higher Education. This quality assurance body will be in charge of strengthening national tertiary institution monitoring, evaluation and developing policy framework. The Government of South Sudan intends to increase spending on research. Research funds will be increase by %5. Emphasis is given to applied research, particularly those studies that contributing directly to improvement of the life situation of the people of South Sudan.

Sudan Ministry of Education
The Basic Education Recovery Project helps address the needs of Sudan's most vulnerable and isolated communities and seeks to improve their educational status. Project components also focus on increasing the availability of textbooks as well as strengthening education planning and teaching management systems.

Sudan joined the Global Partnership for Education in 2012, and has since received a grant to assist the country in implementing its Interim Basic Education Strategy (2014-2012). Sudan implemented its sector strategy for 17/2016-16/2015 and has commenced the development of a full education sector plan covering 2021-2017. Sudan has made progress in building a strong education system ensuring that all children get a quality education is core to the development of a strong economy.

Tanzania Ministry of Education, Science & Technology
Vision "An educated Tanzanian with the requisite knowledge, skills, ability and positive attitude that add value in National development."

Mission "To put in place and strengthen structures and procedures which will enable a country to get educated and continuous learning Tanzanians that add value in National development."

Uganda Ministry of Education & Sports
The mandate of the Ministry of Education and Sports (MoES) is to provide quality Education and sports services in the country, which are constitutional obligations for the Ugandan State and Government. The Mission of the MoES is "to provide technical support, guide, coordinate, regulate and promote quality education, training and sports to all persons in Uganda for national integration, development and individual advancement.

The Education and Sports sector delivers critical government programmes such as Universal Primary Education, Universal Post Primary Education and Training as well as sports for wellness, health and productivity. The sector is run on a principle of promoting Public – Private Partnerships at all levels and the Private sector has played significant roles in provision of Education services especially at the post primary and tertiary education levels.

Uganda Ministry of Science, Technology & Innovation
VISION: Science, Technology and Innovation for Sustainable Livelihoods.
MISSION: To provide leadership, an enabling environment and resources for scientific research and knowledge based development for industrialization, competitiveness and employment creation leading to a sustainable economy.

Zambia Ministry of General Education
The vision of Ministry of General Education is quality, lifelong education for all which is accessible, inclusive and relevant to individual, national and global needs and value systems.

The mission of the Ministry of General Education is to guide the provision of education for all Zambians so that they are able to pursue knowledge and skills, manifest excellence in performance and moral uprightness, defend democratic ideals, and accept and value other persons on the basis of their personal worth and dignity, irrespective of gender, religion, ethnic origin, or any other discriminatory characteristic.

Zambia: Office of the President - E-Government Division - Smart Zambia
Zambia's ICT vision is "A Zambia transformed into information and knowledge based society supported by increased access to ICTs by all citizens by 2030". Achieving this vision will require effective and efficient high level coordination of ICT interventions across the Public Service. Government has identified the need to establish an ICT Centre of Excellence as key in the realization of its vision.

Government established the Centralized Computer Services Department (CCSD) in 1968 to provide data processing services to public institutions. With time, technology and usage of ICT has changed significantly. CCSD has however not evolved in tandem with the above changes. It has remained centralized and unable to effectively coordinate and regulate the adoption and application of ICTs in MPSAs, partly due to its inappropriate institutional arrangement and inadequate organizational structure.
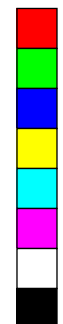
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Addis Ababa Science & Technology University (AASTU) – Ethiopia

Currently the university has enrolled more than 8000 undergraduate (under regular and continuing education program) and close to 700 postgraduate students under its nine applied sciences, technology, engineering and ICT focused schools. AASTU is a university in the making, and much of its short-term plans aim at establishing academic infrastructures and facilities, staff recruitment and manpower development. So far, it has managed to recruit 472 academic staff and 391 administrative staff. The university is still undergoing infrastructural and organizational expansions and substantial budget is allocated for the construction of buildings and infrastructures so as to provide satisfactory service to all stakeholders.

Due to the high emphasis given to the university by the government, AASTU is re-structured as strategic Science and Technology University under the Directive of the Council of Ministers No. 2014/314 in July 2014.

Accordingly, its accountability has shifted from the Ministry of Education (MoE) to the Ministry of Science and Technology (MoST).

Angola's Sovereign Fund

The Angola Sovereign Fund is a sovereign investment fund managed by an autonomous Executive Committee. The Fund's organisational structure ensures that adequate review mechanisms are in place through the adoption of good practice at global level, such as the appointment of independent auditors. The approach of the Angola Sovereign Fund ensures compliance with the laws and regulations that apply to the Fund.

The Angola Sovereign Fund is governed by the Santiago Principles, which are a voluntary set of practices and values developed by the International Working Group (IWG) of Sovereign Wealth Funds (SWFs) in October 2008. The Fund also actively seeks to achieve a high ranking on the Linaburg-Maduell Index, which categorizes Sovereign Wealth Funds as regards their overall transparency.

Botho University – Botswana

Botho University was established in 1997 and has rapidly evolved over the years to become a leading multidisciplinary high quality tertiary education provider. Botho University was one of the first local tertiary institutions in Botswana to be accredited by the Human Resources Development Council (HRDC).

Botho University currently offers programmes through four faculties namely Faculty of Business and Accounting, Faculty of Computing, Faculty of Engineering and Applied Sciences and the Faculty of Education and Distance Learning. All programmes have been developed with inputs from industry thus graduates are ready to hit the ground running. The university currently offer qualifications from certificate level to Master's degree level with plans in place for doctoral programmes to be rolled out very soon.

British Council – UK

"The British Council is the UK's international organisation for cultural relations and educational opportunities. We create friendly knowledge and understanding between the people of the UK and other countries.

We do this by making a positive contribution to the UK and the countries we work with – changing lives by creating opportunities, building connections and engendering trust."

Central University of Technology, Free State – South Africa

In previous years CUT have focused on the Academic Project, in order to improve the relevance and impact and enhance the quality of learning, teaching, research and innovation practices. The 2016 theme was "The Year of Innovation and Entrepreneurship" and in 2017 the theme was "The Year of the Human Project", focusing on staff, students and other stakeholders, and enhancing the human reconciliation drive.

Going forward, the following special project for the next five years was approved in September 2017: "Reimagining CUT as a transformative University and 'model' UoT in Africa, impacting on the socio-economic development of the Central region of South Africa and beyond".

East African Science & Technology Commission (EASTECO)

The EASTECO is a semi-autonomous institution of the East African Community (EAC) with the following mandate: To coordinate and facilitate the activities of the Partner States and national science and technology institutions (including the relevant national Commissions/Councils) to promote the development and application of science, technology and innovation in all its aspects.

Today no country can secure higher levels of scientific advances and technological progress without interacting with its peers and neighbours. The ability of countries and firms to innovate, both in technical and managerial ways is largely determined by strategic alliances they forge within their industrial and across sectors.

The Main objective of the Commission is to be the regional lead institution in the promotion and co-ordination of the development and application of science and technology for sustainable socio-economic development in EAC Partner States. Including promoting cooperation with organizations with similar objectives.

ICT University – Cameroon

Mission: To train scholars from developing economies to participate as knowledge producers and not just knowledge consumers in today's information age. "The significant problems we have cannot be solved at the same level of thinking with which we created them." Albert Einstein.

ICT is a core of almost every business, governmental, and organizational process and procedure in the modern world. As noted in the quote above attributed to Einstein, the significant problems in health, education, government, and other areas in developing countries can only be solved by thinking at a higher level of analysis than the level at which the problems were created. Scholars are needed in these developing environments that are thinkers and doers and that will use their research results in ICT to address and to help solve the multi-faceted challenges in their own countries. We believe that resident scholars can be a major force in helping tackle some of the massive challenges currently found in many developing countries.

Vision: The ICT University (ICT-U) Vision 2020 Agenda aims to make ICT-U the premier destination for research, innovation and training of scholars relevant for the context of developing economies.

Independent Schools Association of South Africa (ISASA)

The Independent Schools Association of Southern Africa is the largest and oldest association of independent (private) schools in the Southern African region. ISASA traces its origins to the Conference of Headmasters and Headmistresses, originally formed in 1929.

ISASA has more than 760 school members in South Africa, Botswana, Swaziland, Namibia, Angola, Lesotho, Mozambique and Zambia. Over 168,000 learners attend ISASA-affiliated schools.

ISASA's vision is of a Southern Africa in which quality education is available to all learners, the value of independent education in contributing to this goal is recognised, and a value-based, public-spirited community of diverse, high quality independent schools is developed.

Millennium@Edu Sustainable Education

Mission: The Millennium@EDU Sustainable Education mission is to contribute to the achievement of the United Nations Sustainable Development Goals (SDGs) as a follow up of its contribution for the Millennium Development Goals (MDGs) through the use of Information, Communication and Scientific Technologies (ICSTs) in Learning and Education while fostering key 21st Century Skills such as critical thinking, problem solving, communication, collaboration and creativity, among others, and Sustainable Development Literacies such as water (Water@EDU), energy (Energy@EDU), climate (Climate@EDU) and all the applicable to the seventeen SDGs Goals. The Mission is materialized in the Sustainable@EDU Program.

The Copperbelt University – Zambia

MISSION: To contribute to the development and sustenance of the well-being of the people of Zambia and the world through the provision of flexible, innovative, entrepreneurial, inclusive programmes of teaching , learning, research and service.

VISION: To be an institution in which scholarship flourishes in an environment characterised by world class infrastructure and collaborative relations and supported by an accountable, transparent and efficient University governance system.

UnbuntuNet Alliance

"The strong and viable African regional research and education network (RREN) of choice, which promotes ICT access and usage among national RENs".

"To secure affordable high-speed international connectivity and efficient ICT access and usage for African NRENs".

University of Botswana

The University of Botswana was established on 1st July 1982 by an Act of Parliament. The University is closely involved in the national development process of Botswana. In this regard the special functions of the University are to engage in improving the quality and in expanding the quantity of the human resources needed for development, and to act as the repository of the collective knowledge and experience of the nation and the world. The first of these functions is fulfilled through the teaching programmes offered by the University and its affiliated institutions, leading to the award of degrees, diplomas and certificates. The second function is carried out individually and collectively by the staff of the University and its affiliated institutions, through the research and development, consultancies and information services which they undertake.
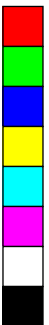
University of Dar es Salaam – Tanzania

The University of Dar es Salaam has a vision to become a reputable world-class university that is responsive to national, regional and global development needs through engagement in dynamic knowledge creation and application. Their mission is the unrelenting pursuit of scholarly and strategic research, education, training and public service directed at attainment of equitable and sustainable socio-economic development of Tanzania and the rest of Africa.

University of Johannesburg – South Africa

Vision: An international University of choice, anchored in Africa, dynamically shaping the future.
Mission: Inspiring its community to transform and serve humanity through innovation and the collaborative pursuit of knowledge.

University of Pretoria – South Africa

Their vision is to be a leading research-intensive university in Africa, recognised internationally for its quality, relevance and impact, as also for developing people, creating knowledge and making a difference locally and globally.
The Mission of University of Pretoria is in pursuing recognition and excellence in its core functions of research, teaching and learning, and integrating engagement with society and communities into these, the University of Pretoria will use quality, relevance, diversity and sustainability as its navigational markers.

University of South Africa (UNISA) – South Africa

As Africa's leading open distance learning institution, we offer internationally accredited qualifications and have world-class resources that inspire learners to create meaningful futures on their own terms. We are a reputable, comprehensive, flexible and accessible open distance learning institution that is motivating a future generation. We offer internationally accredited qualifications and have world-class resources. Our vision "towards the African University shaping futures in the service of humanity" drives us to find answers to Africa's educational and developmental problems.

We offer internationally accredited qualifications and have world-class resources. Our vision "towards the African University shaping futures in the service of humanity" drives us to find answers to Africa's educational and developmental problems. The three core business areas of UNISA are teaching, research and community engagement. Our world-class research is spearheaded by the Research and Innovation portfolio and community engagement by our Community Engagement and Outreach Policy. We also place great importance on the celebration and promotion of our African arts and culture through various endeavours.

Vaal University of Technology – South Africa

Vaal University of Technology's vision is to be a university that leads in innovative knowledge and quality technology education.

Their mission is to produce employable graduates who can make an impact in society by adopting cutting edge technology and teaching methods, creating a scholarly environment conducive for knowledge creation, learning and innovation; and developing a Programme Qualification Mix (PQM) that meets the needs of society in Africa and beyond.

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263Chat Official Press & Communications Partner

263Chat was launched on September 2012 29 as a way of encouraging and participating in progressive and national dialogue in Zimbabwe. The use of the internet and the numerous social media tools available play an integral role in this entire process.

Zimbabweans are already engaged in numerous conversations about their daily lives in Zimbabwe and beyond. 263Chat aims, in part, to amplify their voices.

263Chat is an award winning media organisation, having won the Telkom-Highway Africa New Media Awards 2013 Innovative Use of Technology for Community Engagement.

263chat.com

Academy Today

Academy Today (AT) is a market-leading digital platform reporting on the latest news and opinion from the academy sector, including free schools, Multi-Academy Trusts and University Technical Colleges.

AT delivers the latest news and insights from the sector to an opt-in subscriber database of almost 2,000 key decision makers, which includes headteachers, school business managers, finance directors and IT managers. Academy Today reports on key sector topics, including government policy, teaching, and school life.

academytoday.co.uk

African Business

African Business is the bestselling pan-African monthly business magazine. Each month, the publication brings the very best business financial reports and features to our readers. African Business is respected for its editorial excellence and award-winning editor. Our readers include decision makers in the private sector, government officials and thought leaders across Africa, Europe and the USA.

We have built a unique distribution network including newsstand sales, street vendors and an international subscription base, controlled circulation to business leaders and policy makers, as well as distribution onboard a large number of international airlines and lounges, hotels and major international and industry specific events.

For nearly 50 years IC Publications has reported on Africa and built strong relationships with strategic partners like the World Economic Forum, Commonwealth Business Council, Corporate Council on Africa, World Bank, UN, AfDB, and our Media Partners include Bloomberg, CNN, CNBC, Africa N1 and BBC World.

www.africanbusinessmagazine.com

African Business Central

African Business Central ("ABC") is a leading online media company showcasing curated and original news on African Business, primarily, and all things Africa, in general.

ABC's rapidly-growing site attracts tens of thousands of visitors every month that read and watch news, analyses, and opinions of business, economic, political, and cultural events in and about Africa. ABC is making its mark around the world telling Africa's success stories and highlighting the continent's swift socio-economic ascent to a rapidly-growing global audience.

ABC's core values are based on the notion that business, in general, and entrepreneurship, in particular, is the surest path to Africa's socio-economic progress.

www.africanbusinesscentral.com

AptanTech

AptanTech is a blog which covers technology and business-related developments in Kenya, Africa and the world. AptanTech, which has been published since 2009, has the following sections – News, Reviews, Analysis & Features, CSR, Tech&PR, Week-in-Tech, Events NoticeBoard and BLOG.

A new section featuring in-depth interviews with industry leaders on current issues and concerns is set to be introduced in the near future. AptanTech is a Bloggers Association of Kenya (BAKE) affiliated blog and was a finalist in the 'Technology Category" in the 2012 Kenya Bloggers Awards.

www.aptantech.com

Baobab Africa

Baobab Africa People & Economy magazine is published as a pan-African magazine focusing on the politics and economy of the African people. As a policy we report the continent majorly from a positive slant. We celebrate the continent. Not for the negatives that undermine the African real story of challenging but inspiring growth.

Baobab Africa People & Economy print magazine and www.baobabafricaonline.com (published since 2008); both have extensive readership targeting local and international reading audience in about four continents. Baobab has certified analysts with outstanding academic/research backgrounds they include; professors, senior lecturers/academicians; successful private sector entrepreneurs with field experience in managing people and material resource to achieve set goals. They make up our team of analysts and provide great insights into Africa's changing political, economic and cultural climes.

www.baobabafricaonline.com

Cyber Africa TV / Magazine

Published by Transatlantic Media Company (TMC), Cyber Africa magazine (www.tmclonline.com.ng/cyberafrica) is designed to report how the internet, the media and ICT are impacting our everyday life on the continent. It underlines the bold connection and relationship between development, business and technology. The magazine projects the beautiful contributions of the ICT sector to the economy of different countries in Africa. It x-rays key issues and development in African Information Technology development, from gadgets to multimedia, broadcast services, cyber security and e-transactions.

The mix no doubt provides a larger content to readers. Details **www.tmclonline.com.ng**. With presence in Accra, Johannesburg, UK, Ethiopia, Banjul, and Dubai the magazine enjoys popularity via the television which also serves as additional value to advertisers. **Contact us:** tmclonline@gmail.com and **+ 2348055001878 IT Edge News.ng**

Education Technology

Education Technology (ET) is distributed 6 times a year in both print and digital format to an opt-in subscriber database of 10,000 + key ed tech decision makers across the education sector.

ET covers the latest news and innovations in technology for the whole education sector (primary, secondary, FE and HE), delivering in-depth features on key tech trends, including cloud computing, coding, 3D printing and MOOCs. ET communicates to its audience via the bi-monthly magazine, website and fortnightly e-newsletter, which has over 6,000 digital subscribers.

edtechnology.co.uk

The Foundation for the Development of Africa

The Foundation for the Development of Africa (FDA) (NPC) is a non-membership, private, (NPC) Not-for-profit Company actively involved with initiating and facilitating business and other processes conducive to sustainable development in Africa – with the emphasis on sustainability!
We have, since 1999, been linking businesses; promoting business and investment opportunities;

showcasing special projects, conferences and events; stimulating joint venture initiatives and motivating support for local trading. Our vision and trademark phrase proclaims: "Less Aid – Let's Trade"!

www.foundation-development-africa.org

Independent Education Today

Independent Education Today (IET) is a market-leading magazine reporting on all aspects of private education. From catering to health and wellbeing, sports to finance, teaching and school life, IET is an unrivalled, highly trusted source for the latest news, appointments and expert opinion across the independent school sector.

IET is available in both print and digital formats to an opt-in subscriber database of 8,000 + key decision makers working in the independent school sector, including headteachers, bursars and deputy heads.

ie-today.co.uk

IT Edge News.com

IT Edge News.ng (print) and www.itedgenews.ng (online) are published since 2004 by Knowhow Media Market and Intelligence International Limited – KMMIIL, a research, event management and ICT publishing company.

IT Edge News magazine since 2004 has remained West Africa's leading technology business magazine published in French and English languages with extensive circulation across West Africa particularly Nigeria, Ghana, Cote d'Ivoire, The Gambia, Sierra Leone and Senegal. Print run is 8,000 per edition and is subscribed directly as a trade journal by Top Decision Makers in the ICT industry. The shelf life exceeds 36 months; past editions of IT Edge News published over four years ago are still sought for.

www.itedgenews.ng

IT News Africa

IT News Africa is a dynamic & well established media company that specialises in publishing, events as well as marketing and advertising solutions for the information age.
We have a global publishing network and international client base, which we service from offices in Johannesburg (South Africa).

www.ITNewsAfrica.com

ITWeb Africa

ITWeb Africa a single source of quality news, analysis, research and opinion on Africa's ICT markets, trends, developments and the people who make it happen.
www.ITWebAfrica.com

The PIE

The PIE is an independent media, recruitment and events company offering a market-leading portfolio of services for Professionals in International Education.

Keep up with industry news via www.thepienews.com, read our analysis of hot topics and trends in the quarterly The PIE Review magazine, find new staff or your next move through our jobs board www.thepiejobs.com and specialist executive search consultancy The PIE Talent, and make business connections through The PIE Plus. Sign up to The PIE Weekly newsletter to receive a weekly update on news and jobs in the sector directly to your inbox.

The PIEoneer Awards celebrate innovation and achievement in international education each year. The PIE is the only targeted media platform that can boast a truly global audience of senior stakeholders involved in international education from around the world. We reach over 50,000 unique readers per month and 25,000 subscribers receive our PIE Weekly newsletter.

ReConnect Africa

ReConnect Africa is a unique online careers and business website and monthly magazine for African professionals in the Diaspora and around the world.

ReConnect Africa features articles and interviews on careers, development and business in Africa as well as information on relocation to Africa, top companies and recruitment agencies for Africa. It offers an ideal platform to advertise job vacancies, products and services to a targeted professional African market in Europe, across Africa and around the world.

www.ReConnectAfrica.com

SciDev.Net

SciDev.Net is a not-for-profit organisation dedicated to providing reliable and authoritative information about science and technology for the developing world. Through our website we give policymakers, researchers, the media and civil society information and a platform to explore how science and technology can reduce poverty, improve health and raise standards of living around the world.

We also build developing countries' capacity for communicating science and technology through our regional networks of committed individuals and organisations, practical guidance and specialist workshops. SciDev.Net's vision is to achieve better-informed decisions by individuals and organisations in the developing world on science and technology related issues, and thus the better integration of scientific knowledge and technological innovation into policies, programmes and projects intended to achieve sustainable development at all levels of society.

www.scidev.net

University Business

University Business (UB) is a market-leading magazine for the UK HE sector, reporting on all aspects of the university commercial and management arena. From facilities to finance, to technology and innovation, UB is an unrivalled, highly trusted source for the latest news, appointments and expert opinion across the higher education industry.

UB is available in both print and digital formats to an opt-in subscriber database of 7,000 + key decision makers working in UK higher education, including vice chancellors, operation managers, and commercial services directors.

universitybusiness.co.uk

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Genius Plaza is the first multicultural education platform built for diverse communities. The award-winning, cloud-based platform provides access to culturally relevant, personalized learning content in language arts, math, and science.

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