

# Innovation Africa 2022

## Africa's Official Ministerial Summit



### Official Summit Guide

16-18 November, Lusaka, Zambia



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# Pre-Scheduled Meetings

**One of the centrepieces of Innovation Africa is the pre-scheduled meetings for partners to book, in advance, their preferred ministries and organisations to interact with and make the very most of time spent at the summit. Equally, it is of great value to so many African countries spending time with companies committed to meeting the objectives of such a wide selection of ministries of education, ICT, higher education, science and technology, research and innovation.**

Within the main conference arena, over 50 dedicated ministerial meeting tables will be set up for African governments representing 30 countries. Industry partners gain access to our online scheduling system allowing the choice of meetings to target key partner countries at the summit. This format is central to our commitment to deliver a successful summit, producing genuine output for participants.

The pre-scheduled meetings represent an outstanding opportunity for officials to gain expert knowledge from the market and hear of the latest technological developments and innovations for the good of education in Africa. Under one roof, this format allows governments

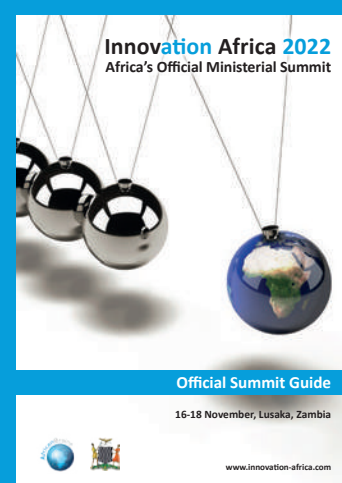
to meet leading operators on a one-to-one basis and equally gives industry the opportunity to personally engage with ministers and officials.

We trust your time at Innovation Africa and engagement in face-to-face meetings is both enjoyable and productive.



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# Welcome to Innovation Africa 2022

In March 2020, the SMART Zambia Institute, in the Office of the President, signed off the memorandum of understanding to host Innovation Africa in November of that year. Within two weeks, lockdown had spread across the world as countries hurried to protect their healthcare systems from the impact of the pandemic. In August 2021, the people of Zambia went to the polls and H.E. Hakainde Hichilema was elected as President of the Republic.

Innovation and delivery of quality education to our young people are critical ingredients of Zambia's and Africa's development. As the appointed National Coordinator of SMART Zambia, I wanted to ensure that the agreement to host Innovation Africa was revived in the spirit of continuity of Government. And in April 2022, Cabinet approved Innovation Africa to take place this November, here in Lusaka.

I am honoured to welcome you all to Innovation Africa 2022 and to the warm hospitality of Zambia. I am delighted to see so many 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. 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. Zambia, like many countries in Africa, is going through a period of educational and digital transformation, with a renewed sense of urgency.

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Of particular pertinence is the theme of both educational and digital transformation while ensuring we develop the necessary skills for our young populations in Africa to develop their critical thinking, innovate and create. Whether investing in digital learning, building 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. Industry investors and trade partnerships are critical to this.

I look forward to meeting with many delegates individually and I trust you can find the time to relax and explore the delights of Zambia.

Warmest regards,

**Percy Chinyama**  
National Coordinator for E-Government Division  
(SMART Zambia Institute)



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# Foreword to Innovation Africa 2022

**The Government of Zambia and AfricanBrains are delighted to welcome all delegates to Innovation Africa 2022. 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 education and ICT innovation.**

The theme of this year's summit is **Africa's Digital Transformation and Skills Development**. With that important issues will be addressed, including:

- Developing competencies and digital readiness for African learners
- Transforming education to ensure equity, access and quality
- Evidence-based policy making when specifying educational technologies
- Ensuring robust connectivity to deliver on digital capacity
- The key role of teachers in the recovery of education and learning losses
- Tertiary and STEM education
- Learning technologies, online research for the next generation of African innovators

We would like to offer our warmest gratitude and appreciation to all attending government officials, multilateral and industry partners and civil society delegates. This summit is a unique meetings-based event, allowing for valuable one-to-one meetings during the afternoons of 16th & 17th November. We are especially grateful to the Government of Zambia, the Secretariat and Steering Committee and all Zambian government stakeholders who have made this summit possible. A special thank you is reserved to all our event partners and delegates without whom such considerable organisation would not be possible.

The 16th of November will start with the Presidential Opening and all guests are invited to the evening poolside reception at the Ciela Resort. The first two days of the summit 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. The evening of 17th December sees the Zambian gala dinner hosted by the Government of Zambia on the grounds of the Bonanza Estate.

The 18th November sees a series of dedicated sessions in the morning and closes in the afternoon with a special session on youth innovation. Please see the separate forum agenda for event content and timings.


There will be over 50 meeting areas for the event. After lunch on both days, the pre-scheduled meetings will start. Government ministries, universities and other key agencies will be hosting these meeting tables and we kindly ask that all officials and delegates start the meetings promptly after lunch each day.

We trust this summit can play its own small part in bringing together key decision-makers from both government 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 Innovation Africa proves valuable and enjoyable.

Warmest regards,

**John Glassey**  
CEO, AfricanBrains



 **Download the Innovation Africa 2022 App** to your smartphone or tablet now. Available for Android and Apple devices as well as desktops & laptops. See the up-to-date agenda and your meetings diary, see the profiles of Corporate, Government, Multilateral Partners & Organisation and view floor plans to find out where exhibitors and meeting tables are. Scan the QR code or go to: [www.innovation-africa.com/app](http://www.innovation-africa.com/app)

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# Three firm foundations for successful education transformation

**At the UN Transforming Education Summit this September, I was inspired by the commitments of governments and organisations to reboot education systems. We are facing an education crisis, and you are rising to the challenge.**

Since we last convened for Innovation Africa, Cambridge University Press & Assessment has consolidated its expertise in improving education systems into one dedicated team: Cambridge Partnership for Education.

As a partner who can help turn ambitions into effective programmes on the ground, we draw on decades of experience developing education, as well as the research, knowledge and network of the University of Cambridge.

Our recent work in Africa has emphasised the importance of three of the foundations of successful education reform: respecting local context, forging long-term partnerships and consulting evidence and research.

## Respecting local context

A reform programme will only be successful, and long-term sustainable, if it respects local context and culture.

In **Ethiopia**, we are working with the Ministry of Education to help them develop a new curriculum to modernise how subjects are taught, while enhancing and promoting indigenous knowledge. We are partnering with Ethiopia-based specialists Elixir, bringing together international experience and local expertise. We have equipped local teams in Ethiopia with the tools and skills they need to develop the new curriculum, high-quality teaching and learning materials, and aligned professional development.

In **Egypt**, our work with the Egyptian Education Development Fund has involved developing and implementing a bespoke education system in pilot state schools to improve learning outcomes. We have constructed the system for Egypt's local context, while also benchmarking the programme against international standards.

## Forging partnerships

Leaders cited the African proverb "If you want to go fast, go alone; if you want to go far, go together" often during the UN Transforming Education Summit.



Partnership is highly valuable when working at scale. In **Zambia**, Cambridge is partnering with USAID to distribute almost 1.5 million books in five of the nation's more remote provinces. This is part of USAID's Let's Read Project, which aims to support 1.4 million children in Zambia to read with comprehension and fluency.

Forging partnerships is also key for pilots and innovation. In **Rwanda**, partnership is central to an investigation into a scalable e-learning programme to support teachers' understanding of play-based learning. Funded by the LEGO Foundation, Cambridge Partnership for Education is working with Early Childhood specialist academics on a research-based framework on 'play-based learning' and digitally-enabled professional development models.



### Consulting evidence and research

Our approach to education reform at Cambridge is always evidence-based. Even when facing ‘unprecedented’ scenarios, like that of the global pandemic, there is a wealth of research and data that we can access to increase the likelihood of success of an education intervention.

The University of Cambridge continues to research education development in Africa and beyond. Most recently, a new study by Cambridge and Laterite – a data and analytics provider based in East Africa – suggested a widely predicted spike in drop-out rates in Rwandan secondary schools following COVID-19 has “not materialised” but that, despite this, a more gradual, long-term decline in the numbers of children in school



may be underway. The team is now developing a comprehensive picture of the situation across the continent.

The Research for Equitable Access and Learning (REAL) Centre at the University of Cambridge Faculty of

Education – led by Professor Pauline Rose, who sits on Cambridge Partnership for Education’s Advisory Board – is also one of the research partners of the Girls’ Education Challenge. They are working on evaluations dedicated to improving the quality of education and learning for the most marginalised girls around the world.

At Cambridge Partnership for Education, we have developed a research-based Impact Framework to consistently review how our work contributes to systemic improvement, capacity development, sustainable practices, and policy planning and design.

We track impact across various indicators – from immediate effects, such as the number of people trained, to the long-term effects, like the percentage increase in the availability of high-quality resources in a country. This provides tangible evidence to inform further planning and action for iteratively improved results.

It’s truly energising to be meeting in-person again at events like Innovation Africa, and we’re very much looking forward to rich and productive discussions about education transformation.

Cambridge Partnership for Education will be available for meetings during the Innovation Africa Summit 2022, or alternative arrangements can be made via email:

[partnership@cambridge.org](mailto:partnership@cambridge.org)

**Jane Mann, Managing Director,  
Cambridge Partnership for Education**



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## HP School Coach

Comprehensive learning innovation service



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## HP Classeasy

Gamified Learning Management System (LMS)



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# How technology can reshape education for better student outcomes

**As the immediate impact of the pandemic recedes, we have a once-in-a-generation opportunity to reimagine education in a post-COVID world. We can take the hard-won lessons from the pandemic, with online learning and hybrid education models, and use these learnings to reboot education systems so that they better serve our children and protect their future.**

Christine Muhigana of UNICEF summed it up succinctly when she commented that, “The COVID-19 pandemic has fast-forwarded global education thinking on how to transform and strengthen education systems through technology that complements skilled and well-supported teachers, so that every child receives quality and inclusive learning.”

## What have we learned?

As we introduce more technology into classrooms, we need to ensure that teachers are well prepared and trained to be able to reimagine how learning and teaching take place. The aim for technology is that it should underpin great classroom practice, and seamlessly integrate so that it becomes an enabler, not the focus. Technology won't replace good teachers. Instead, it can help them not only with the knowledge acquisition journey their learners need to make, but also enhance skills acquisition. Skills such as collaboration, critical thinking, resilience, and agility, which together with digital literacy, are necessary for them to be able to become active contributors to the global digital economy.

Hybrid and blended learning pedagogical models combine the best of in-school and remote learning, with digital engagement. That's why at Microsoft, our aim is to empower educators and students to teach and learn with technology through doing and exploring. In other words, enquiry-based active learning. For educators, clear educational transformation plans

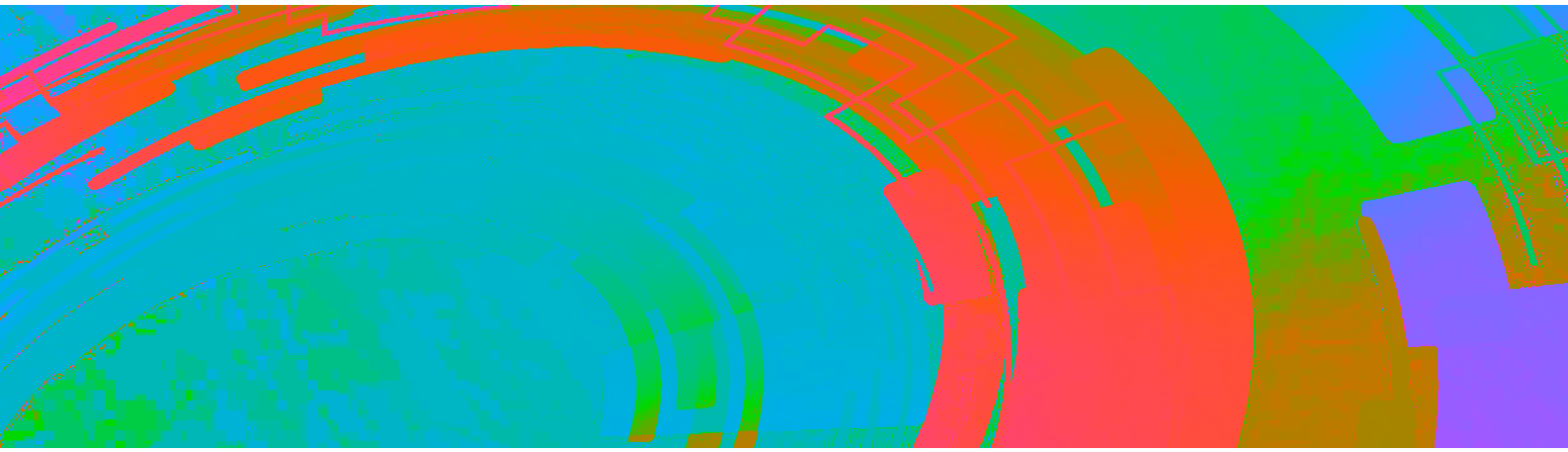
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**“Hybrid and blended learning pedagogical models combine the best of in-school and remote learning, with digital engagement.”**

will be mission-critical to help to solidify the technology competency gains made during the pandemic.

At Microsoft, we believe that technology, applied in new ways can shift behaviour and motivation, enabling educators to assess learning in new ways and supporting students as they learn to be adaptable and resilient through exploration, simulation, and gaming. The goal is to encourage students to learn through doing – solving problems, practicing, progressing, and having fun, with real-time feedback from educators.





**Data is a valuable tool for educators**

One of the significant developments of the remote and hybrid learning era is the access that teachers now have to data, and resultant insights that reveal how students learn and interact. This has the potential to elevate education by giving educators crucial student insights that work to better each student’s learning achievement.

For example, Education Insights in Microsoft Education for Teams allows teachers to closely track the engagement and progress of students over time and across their classes.

This includes seeing the number of inactive and active students per day, missed online classes, and missed assignments. And when needed, educators can see the specific engagement data within the overview.

With access to data showing how students are engaging, educators can monitor progress and make faster, informed decisions on which students need immediate learning support. Using data strategically, educators can inform best practices, policy approaches and different interventions to make sure that all learners access a quality education, in the process making the most of what the hybrid environment has to offer.

**Digital transformation needs partnerships for success**

Reimagining our education systems will not happen without planning and intentional action by all stakeholders in education systems, not just our teachers. At Microsoft we understand that a holistic digital transformation strategy is crucial to ensuring successful outcomes for both students and educators. That’s why we are working with our partner-systems to develop a set of technical resources that will empower them to build capacity and introduce education analytics at a much faster pace. These resources are made available publicly through an open-source community called Open Education Analytics on GitHub. Together, we are setting the foundation for the future of broad capacity-building in education analytics across the education sector.

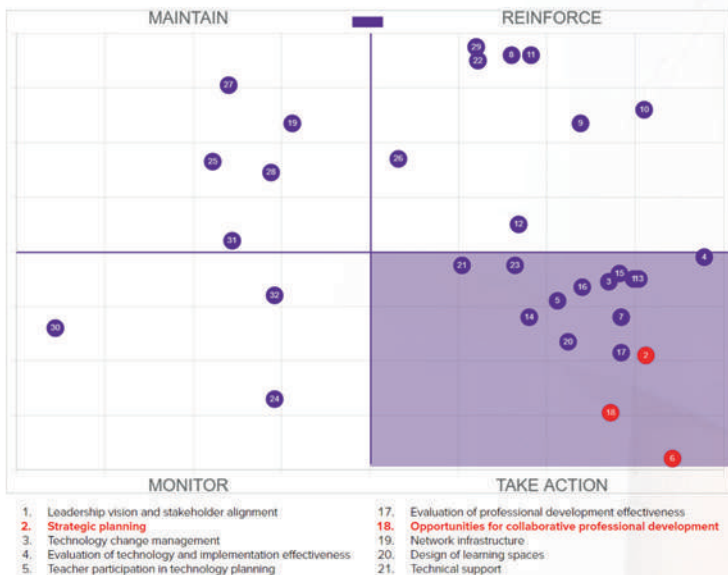
We have also developed Education Transformation Framework tools for school-level and higher education centres to help educators plan and build a transformed environment. This is all part of our contribution towards framing modern teaching and learning that makes the most of new and immersive ways to explore the curriculum, emphasising future-ready skills that will help our learners achieve more when they enter the world of work and support them to become successful in a 21st century digital information age.

Jaye Richards-Hill, Education Industry Director for Microsoft Middle East & Africa



# Measure the effectiveness of your Education Technology investment.

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Based on insights and frameworks from global education leaders like OECD, CASEL, and ISTE, this assessment measures five crucial areas that impact education: professional development, blended learning, leadership, pedagogy-driven tech, and infrastructure.



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# Getting students engaged through active learning

**Ensuring students are engaged in their learning is vital to a successful education – and it doesn't happen by accident. It takes not only an approach from teachers in classrooms, but also planning and support, along with the tools to help provided by the school and organizational leaders.**

Active learning is what its name implies. It is an approach that helps learners store new information in long-term memory and helps learners develop a conceptual understanding of the material. It means that students are not just passive consumers of information, but empowered and active in their learning. It means that elements like game-based learning, project-based learning, and collaborative work are a regular part of classrooms. Research has identified several benefits of active learning for students. It improves critical thinking, increases retention of new information, improves the transfer of new information, and promotes higher-order thinking skills. Overall, it's crucial to setting students up for long-term success with both knowledge and critical skills.

## **Applying active learning to the curriculum**

We looked into the benefits of active learning in SEL, math and literacy in a whitepaper on how to keep pupils engaged, and found common benefits across each subject area. For literacy skill development, we found that peer-to-peer and small group work benefited young children greatly, allowing students to collaborate and share ideas, connect with prior knowledge, and think critically about their reading. Meanwhile, student-directed learning, where students drive their own learning and are given time for self-reflection, can significantly boost reading skills, stamina, and fluency.

When looking at math, three core active learning approaches have proved successful in improving students' understanding of basic math: including hands-on learning such as geoboards, tangrams, pattern blocks, and money. As humans, we only have a limited capacity to process new information at any given time, so creating multiple opportunities for learners to spend time being active through a variety of hands-on learning allows each student to activate their brain and to transfer new knowledge into long-term memory. Similarly, encouraging students to engage with content actively improves their acquisition of basic math skills



**“Encouraging students to engage with content actively improves their acquisition of basic math skills which, when combined with a range of games, puzzles and playful experiences, can enhance their confidence in the subject.”**



**The Right technology to Support Active Learning**

The right technology, used in the right way, allows teachers to apply these active learning principles. Lumio, SMART Technologies' digital learning tool, for instance, allowed educators to easily transition between the classroom and remote learning, to make new learning situations easier for students and teachers. Lumio, along with other educational technologies, allows teachers to be creative with their active learning methods and, crucially, to adapt their teaching process no matter where learning is happening.

Crucially, Lumio supports with boosting engagement by supporting the ways in which pupils learn, by improving perception, attention and memory through its range of templates and features.

which, when combined with a range of games, puzzles and playful experiences, can enhance their confidence in the subject.

Finally, for social and emotional learning and skill development, students who were given choices in how they learn and show what they know report higher levels of self-efficacy and positive autonomy. Likewise, students that interact with content in small groups through physical and virtual learning stations develop a deeper understanding of the content, while relationship-building activities and games that ease classroom tensions support the development of advanced social skills and resiliency.

Providing technology options that are simple to use and accessible is critically important to ensuring that teachers can activate learning and get students engaged in meaningful ways. Active learning places students at the centre of their education. It's a simple shift that can produce dramatic results.

**Ruben Cammaerts, VP International**



# Helping organisations transition into a new era of learning

**It is ironic that in the new world of hybrid education and virtual classrooms, learning remains, in many cases, limited. Despite an increasing amount of digital solutions, organisations frequently replicate the same traditional models of education or training without breaking barriers in terms of dedication, individualisation and structure. For both students at any stage of their education and professionals looking to upskill, learning is limited to a certain time, place, content or format.**

## Helping people achieve full potential

Today, an overwhelming movement is taking over the learning sector. Schools, universities and companies are choosing to evolve into unlimited learning organisations. Little by little, they commit to helping their students and employees reach their full potential, aware of the benefits that it entails for both parties and thus true progress in learning and development can be achieved.

To help organisations transition into a new era of learning, ODILO founded Unlimited Learning Ecosystems: personalised platforms with almost unlimited content in a range kinds of formats that amplify and enhance existing solutions.

An Unlimited Learning Ecosystem offers a catalogue of millions of the highest quality digital content pieces in all formats and languages. From this suite of content, interactive and personalised learning paths are built, providing impactful learning experiences for organisations and learners across the globe.

## Value of unlimited learning

Here, education technology is at its best: the intelligent platform, powered by AI, learns through user behaviour and constantly adapts the experience to each user. Why might schools and companies want to offer this to their

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**“An Unlimited Learning Ecosystem offers a catalogue of millions of the highest quality digital content pieces in all formats and languages.”**



students and employees? It is simple if you think about it. Each person is unique and has different learning goals, needs and interests. Their learning experience should never come to an end due to limits regarding content, skill, career path, time or place. This is also how you stimulate learning through all stages of life.

We have helped many cutting-edge organisations worldwide join the unlimited learning movement, each of them through their own platform, completely customised to their needs and goals. This means that more and more students and employees all over the world can now decide what, when and how to learn, with all the knowledge right at their fingertips.

Rodrigo Rodriguez, CEO ODILO





# Discover the world of **Unlimited Learning**

- Develop lifelong learning habits —
- Improve reading and writing skills —
- Amplify existing learning resources and tools —
- Create teacher development courses —
- Support inclusive education initiatives —
- Gamification to make learning fun and motivating —

*for K12 and Universities*

## An Unlimited Learning Ecosystem includes:



Millions of  
educational content items



Interactive learning  
experiences



Personalization for every  
student and teacher



Intelligent platform  
adapting to each user

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# Education Transformation Framework

## Quick start guide

Fast-track your school system's transformation.



## Change doesn't need to be difficult

Revolutionizing an entire school system is an exciting opportunity. And while it's challenging, it's easier with a proven way forward to help you get it right. That's where the Microsoft Education Framework can help.

### What's the Microsoft Education Framework?

The Microsoft Education Framework is an effective, flexible platform for education transformation. To develop it, we combed the latest research and consulted hundreds of academics, experts and policy makers. We distilled the key insights into a single powerful framework now available to school leaders everywhere.

### How does it accelerate success?

The most successful transformation projects globally share the same approach – one that's holistic, methodical and systematic. By recording and analyzing evidence and data on education transformation from all over the world, we've identified what works and what doesn't to guide your transformation strategy.

### Ready for system-wide transformation?

Lay the foundation for success with the Education Transformation Framework as your guide.

- Learn from the mistakes and successes of countries globally
- Tap into best practice and experience
- Find real examples of what has worked and what hasn't
- Browse summaries of decades of research





Education leaders in more than 50 countries from Finland to South Africa have already used the Digital Transformation Framework to help plan their strategies in partnership with Microsoft.

What could transformation look like for you?



Students engaged in deep, measurable learning



Classrooms that inspire learning



Skilled, equipped and successful teachers



Personalized and enjoyable learning



Education unlimited by time or place



Systems that empower efficiency, productivity and performance

## Get started

### 1. Get resources

Visit our website to begin. There you'll find a comprehensive toolkit with all the resources you need to guide your thinking in the framework's key areas. You'll also gain instant access to a wealth of research and evidence to back your efforts for systemic change in education.

### 2. Request a workshop

For expert help planning, improving and executing your strategy, request an Education Transformation Workshop facilitated by Microsoft's in-house experts and education transformation partners. Designed for system leaders at country, region, state or district level, they're available on demand. Just ask.

[microsoft.com/education/leaders](https://microsoft.com/education/leaders)

# Empowering African teachers with the right skills to reshape education

**Our world is at a turning point. We already know knowledge and learning are the basis for shaping the minds of future leaders and preparing students to take on the jobs of the future. But global disparities and gaps within the education systems – largely brought on by the impact of the COVID-19 pandemic – have created a pressing need to reimagine how learners are taught. This means that schools, particularly on the African continent, must navigate uncharted waters to catch up with national curriculums whilst providing future-proof classrooms.**

The question that follows then is how exactly do we futureproof classrooms? To answer, we must first look at the realities of 21st-century teaching: a lack of access to technology, low remuneration for teachers, societal dynamics, and a lack of relevant skills. Together, these challenges have exacerbated the education crisis across Africa, which, unless addressed, will put the future of the African continent in jeopardy.

HP has a long-standing interest in education and digital equity, noting that there can be no real transformation if those that impart knowledge in the education system are not empowered to thrive in a digital world. Empowering teachers and giving them future-fit skills is part of driving sustainable growth in Africa. Moreover, educators need to be armed with capabilities that will allow them to provide emerging learning models effectively and confidently for next-generation teaching.

With the shift to hybrid learning, technology and digital tools are no longer just one component of learning and teaching but have become crucial to connecting teachers with their pupils, pupils with each other, and resources and learning materials.

HP recently commissioned its first education-focused survey in Africa to better uncover gaps for teachers and how they can be addressed. HP tapped into the minds of teachers in South Africa and Nigeria to understand their current realities, their experiences as we move into this new normal, and what skills or tools they are using or need to teach in this new era.

HP spoke to over 800 teachers across the two markets. 90% of the teachers sampled remain enthusiastic and



inspired in their jobs, finding their work meaningful and purposeful and endeavoring to continue teaching for as long as possible.

Despite this positivity, there are numerous challenges faced by teachers daily which negatively affect teaching outcomes, such as a lack of basic materials. Across the continent, African teachers are innovating to solve their teaching problems, often with very few resources; 82% of





Educators are still under immense pressure to quickly pivot the way they teach as they transition to hybrid learning models. Not only do they need the right physical devices, but they also need expert guidance on all aspects of the move to digital learning – from IT consultancy to digital learning courses and more.

Understandably, the research indicates that educators believe one of the greatest impacts on improving the teaching experience will be on developing and applying ICT skills.

HP has designed a development programme to bridge the gaps in ICT and soft skills for teachers – the HP Innovation and Digital Education Academy (HP IDEA). Through the programme, HP aims to ensure that educators are equipped with the latest tools and best practices in teaching and learning, and ensure they too are ‘future-fit’.

Understanding the educational landscape and where we can provide support and expertise is key to its success. It forms part of HP’s goal to accelerate digital equity for 150 million people by 2030.

To push the African education agenda forward, cooperation between public and private sectors is important to support lifelong, accessible up-skilling and re-skilling for teachers, ultimately to the benefit of students. Teachers remain a powerful force in the transformational wheel of education and socio-economic development and should therefore be given opportunities to transform and shape the direction education is taking in this era. The time to rethink and reshape the future of Africa’s education sector is now.

### About the research

The quantitative research was conducted in April and May 2022 with 802 educators in South Africa and Nigeria surveyed. The sample group in both countries comprised of public primary and high school educators, as well as private schools in Nigeria. The focus was not merely on technology-teaching educators. As a result, the study findings reflect educators who teach a wide range of subjects, including languages, mathematics and other disciplines.



teachers surveyed noted access to instructional materials and supplies as a problem, and a further 70% cited access to adequate technological resources as a hindering factor.

Some of the most poignant findings from our survey were around skills development. Ten skills were identified as crucial for educators to futureproof classrooms, including creative thinking; innovative thinking; critical and entrepreneurial thinking, as well as digital literacy.



CAMBRIDGE



# Transforming societies through education

Working in partnership with Cambridge gives you access to specialist knowledge, experience and support to develop and deliver education reform policy. We have worked with governments to make positive change in education systems for all ages and contexts around the world for over 100 years.

Our work includes designing and implementing programmes in curriculum, assessment, publishing, teacher training and raising standards of English language learning and teaching.

We offer services for projects of every size and level – from benchmarking studies completed in just a few weeks, to long-term capacity development over several years.

**In Ethiopia**, we are working with partner Elixir and the Ministry of Education. We reviewed the current general education curriculum, investigated requirements for a new curriculum, and built local skills to develop and use it. This will drive high-quality education transformation designed by and for Ethiopians, with inclusion, gender, access and minority rights at its heart.



**In Botswana, Namibia, Eswatini and Lesotho**, we work closely with national bodies to provide world-class examinations for school students across the country.

Together, we can create coherent education programmes that are scalable and sustainable, such as connecting Rohingya refugee children with the future through quality-assured, measurable education. We can develop education technology solutions that really work in classrooms and homes, like working with Google to help teachers in Oman create more active learning experiences online.

“Cambridge introduced several initiatives that have impacted substantial reforming of the education system in Kazakhstan. Cambridge’s engagement in such spheres as teacher training and development, curriculum and student learning and wellbeing has produced substantial improvements in outcomes.”

– Nazarbayev Intellectual Schools

## Cambridge Partnership for Education

is the part of Cambridge University Press & Assessment dedicated to working directly with governments and international development organisations to improve the quality of education systems. Our approach draws together experts from across Cambridge’s global network to help you reach your goals. We work with other University of Cambridge departments, like the Faculty of Education, as well as colleagues in our 50 offices worldwide.



**For more information:**  
[cambridge.org/partnership](https://cambridge.org/partnership)



**Contact us:**  
[partnership@cambridge.org](mailto:partnership@cambridge.org)

# Education revolution powered by Smart Tech and smarter diplomacy

**As Zambia plays host to this year's Innovation Africa summit, many visitors will be coming to Zambia for the first time. The country boasts world-class tourist destinations as well as a strong cultural heritage, which is kept alive through a series of diverse traditional ceremonies throughout the country.**

Despite this rich diversity, Zambia has remained united, inspired by an often-repeated national motto, first coined by the country's founding President, Dr. Kenneth Kaunda, "One Zambia, One Nation". In a multicultural society with such a strong connection to its past, it is surprising to hear so much talk of "the future" among Zambia's youth. Much of this energy can be attributed to hope in the nation's new leadership.

In August 2021, Zambia elected a new President, the businessman and church elder Hakainde Hichilema. "HH" as he's known locally, ran on a platform of change, promising free education, meal allowances for students, and economic transformation. This message, often delivered directly to the country via his popular social media channels, resonated loudly with young people and he won in a landslide victory, against an entrenched incumbent.

Describing education as the "greatest investment" a country can make, President Hichilema's first budget made education "free for every citizen". Going further, it removed student examination fees and parent-teacher-association fees, which were traditionally charged to a student's family.

To ensure this didn't lead to overcrowded classrooms, the Government announced the recruitment of over 30,000 new teachers. Eschewing the bureaucracy of the past, Hichilema invited the country's "e-Government" division, the Smart Zambia Institute (SZI), to work together with the Ministry of Education and the Zambia Police Service (ZPS) to fast-track the processing of qualified applicants.

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**"The Smart Zambia Institute is stepping up again; this time training over 3,200 teachers in Digital Literacy."**



The result? In just a few months from the jobs being advertised, all of the positions had been filled by qualified applicants, with over 80% already placed on the Government payroll and now in the classroom, teaching.

The Government of Zambia seems willing to double down on its "greatest investment" and next year the annual budget for Education sits at almost \$1.5bn.

As part of an ongoing collaboration between the Ministry of Technology and Science and the Ministry of Education, the Smart Zambia Institute is stepping up again; this time training over 3,200 teachers in Digital Literacy.

To support this, laptops, powered by the latest Intel Core processors, are being made available to teachers through civil service loan agreements, and the Government now has plans in place to provide highspeed internet to rural schools through satellite services like Elon Musk's, Starlink.

Perhaps more astonishingly, the country is also on course to launch its own satellite in 2023 from the Mwembeshi Satellite Earth Station, situated just 90 minutes' drive from Lusaka's Ciela Resort, which hosts this year's innovation Africa Summit. Clearly Zambia is getting ready for take-off.



# Strategic Education Solutions

NetDragon is a global leader in large scale edtech solutions.

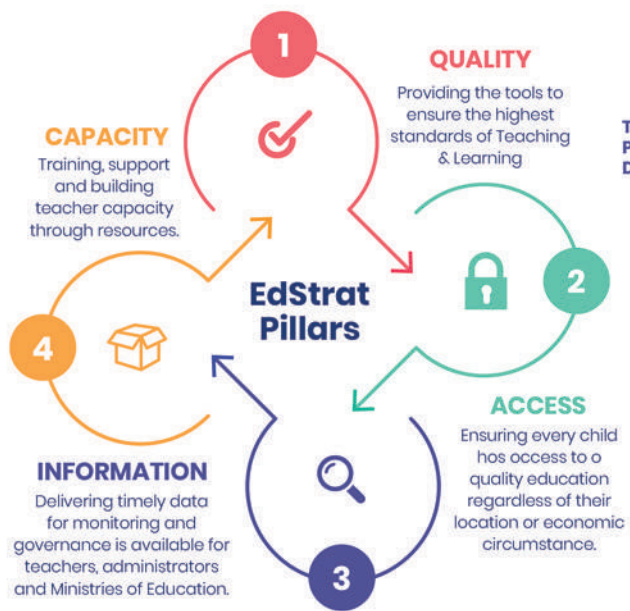


## Our Strategic Education Mission

- Support governments and strategic clients in the **development of technology-enhanced solutions** designed to meet their education goals
- Contribute to the implementation of systems, pedagogies and methodologies that contribute to **the distribution of countryside quality education** in a sustainable and equitable manner.
- Help Ministries of Education **build capacity, competence and flexibility** into their provision at all levels.
- Ensure that all solutions and interventions are **informed by the latest policy, processes and research** established by international agencies such as the UN, UNESCO, World Bank.

**An EdTech enabler with tools and content covering the whole learning spectrum**

## Strategic Education Solutions: Pillars & Solution Themes



# Education revolution powered by Smart Tech and smarter diplomacy

Behind these big ambitions and announcements, however, lies a more methodical approach to economic development. As President Hichilema recently said, "Education is the first step to opening the minds of young people so that they can innovate and seize opportunities."

It's evident, in everything being done in Zambia right now, that there is a bigger picture at play. Having spent 15 years in opposition, it's clear that the Hichilema administration came into office with a game plan.

Zambia's foreign policy, too, has been deliberate. The government, when meeting with its neighbours in the region, has referred to itself not as "land-locked" but instead as "land-linked". This strategy of bringing neighbours close before reaching out to global superpowers is indicative of a Zambia which sees the need for the economic transformation of the region, not just its own country.

Relations between the leadership in Lusaka and their counterparts in Beijing and Washington DC are as strong as ever and the private sector now has a formal public-private dialogue forum to work with. This year alone, the Government has hosted business summits for investors from the EU, Israel, China, and the US.

In the first six months of the year the country experienced a 45% increase in international investment. Following this, a deal was signed with the IMF, and new investments were also announced from the World Bank.

To support the requirements of the world's leading investors, the country is now utilising the best digital infrastructure too, with Microsoft's Azure Stack platform launched in Lusaka earlier this year.

Against this backdrop, Zambia's own investments in Education and Digital Literacy can be seen as the foundations of a much broader strategy; to create a young workforce, capable of seizing the opportunities of tomorrow, wherever they may come from.

This year's Innovation Africa Summit will showcase projects from across Zambia, as 20 young people are given the opportunity to demonstrate their innovations to the world.

It's true that visitors will enjoy Zambia's world-class tourist destinations during their time in Zambia. But look closely at Zambia's rise, and there's a current of energy running through this Southern African nation, as strong as the Zambezi river and as inspiring as Victoria Falls.



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# AstriaTab

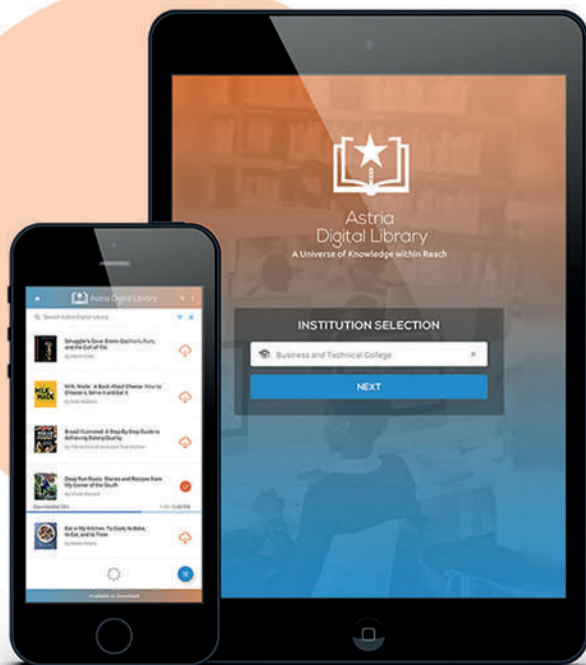
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NewGlobe supports visionary governments to transform public education systems, the cornerstone of a prosperous, equitable, and peaceful society.



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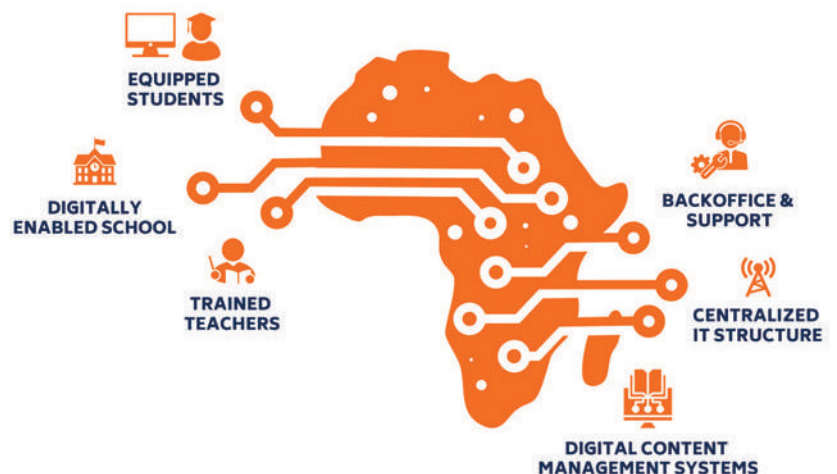


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# Innovation Africa 2022 welcomes the following Corporate Partners

## Main Event Partner



Intel (NASDAQ: INTC), a leader in the semiconductor industry, is shaping the data-centric future with computing and communications technology that is the foundation of the world's innovations. The company's engineering expertise is helping address the world's greatest challenges as well as helping secure, power and connect billions of devices and the infrastructure of the smart, connected world – from the cloud to the network to the edge and everything in between.

Find more information about Intel at [newsroom.intel.com](https://newsroom.intel.com) and [intel.com](https://intel.com)

## Diamond Partners

### Cambridge University Press & Assessment



CAMBRIDGE  
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& ASSESSMENT

Working in partnership with Cambridge gives you access to specialist knowledge, experience and support to develop and deliver education reform policy. We have worked with governments to make real change in education systems for all ages and contexts around the world for over 100 years.

Our work includes designing and implementing programmes in curriculum, assessment, publishing, teacher training and raising standards of English language learning and teaching. We offer our wide range of services for projects of every size and at every level – from benchmarking studies completed in just a few weeks, to long-term capacity development over several years.

In Kazakhstan, our work with the Educational Resources Centre to create a new, nationally capable educational publishing organisation from scratch enabled them to produce hundreds of resources over the last five years. In Bahrain, working with the Education and Training Quality Authority, we established a new and independent exam board. The board is now run securely and effectively by the local authority team, and will help build a more diversified, knowledge-based economy.

Together, we can create coherent solutions that are scalable and sustainable, like connecting Rohingya refugee children with the future through quality-assured, measurable education. We can develop knowledge and local teams' capacity, like supporting publishers in Thailand to raise the standard of textbooks in state schools.

**“Cambridge's contribution has greatly changed the way [the Institute] produces new learning/teaching materials in a very positive way.”**

The Institute for the Promotion of Teaching Science and Technology, Thailand Ministry of Education, 2021

Cambridge Partnership for Education is the part of Cambridge University Press & Assessment dedicated to working directly with governments and international development organisations to improve the quality of education systems. Our approach draws together experts from across Cambridge's global network to help you reach your goals. We work with other University of Cambridge departments, like the Faculty of Education, as well as colleagues in our 50 offices worldwide.

For more information: [cambridge.org/partnership](https://cambridge.org/partnership)

Contact us: [partnership@cambridge.org](mailto:partnership@cambridge.org)

## CIT



The Chamber of Information Technology & Telecommunication (CIT) – the Leading Driver of the digital industry in Egypt – was established by Ministerial Decree No. 227 in 1999, thus becoming the first non-profitable organization specialized in enhancing the position of the business sector in the field of communications and information technology, especially as it plays a developmental role that achieves a balance between the various Industrial parties in line with the government's vision towards consolidating Digital Transformation in all business sectors, enhancing Egypt's position on the global map of the ICT industry, and unifying efforts between both the Ministry of Communications and Information Technology and the Ministry of Trade and Industry, also the local and international companies and development associations, with the aim of shedding light on Egypt's promising future in terms of export opportunities and investment privileges, and moving at a steady pace towards achieving sustainable development in accordance with Egypt's Vision 2030.

CIT has currently more than 9500 member companies specialized in the field of information and communication technology, led by a board of directors consisting of 15 leader members from Egyptian and international companies, mobile operators, industrialists, and specialized experts.

CIT is also keen to avail mutual business opportunities for its member companies in local and international markets, especially with the neighbor African companies, as of course supporting the mutual economic cooperation with African countries is a "top priority" for the Egyptian government to achieve sustainable development in the African continent, encourage foreign investments and help unlock the huge potential of mutual cooperation with African companies through various multilateral trade agreements and economic cooperation platforms that enhance partnerships.

**cit-fei.org**

HP Inc. is a technology company that believes one thoughtful idea has the power to change the world. Its product and service portfolio of personal systems, printers, and 3D printing solutions helps bring these ideas to life. Visit [www.hp.com](http://www.hp.com)

HP has an unwavering commitment to Education and Digital Equity. It is committed to enabling better learning outcomes for 100 Million people by 2025 and to accelerating digital equity for 150 Million people by 2030. Its portfolio of education solutions and programs include:

**HP IDEA:** HP Innovation and Digital Education Academy (HP IDEA) makes education accessible and engaging for all. Moving away from bulky courseware and unidirectional teaching to an immersive and intuitive education system fit for hybrid learning – HP IDEA marks a school's commitment to transform their digital pedagogies to meet the needs of the 21st century.

**HP School Coach:** Helping teachers to improve literacy attainment in class with HP Literacy Attainment Solutions: Regular Diagnostic Assessment, Targeted Instruction, and Professional Development.

**HP Classeasy:** Learning Management System that supports blended and hybrid learning.

**hp.com**

Microsoft's mission in education is to help every student and educator around the world realize their full potential and achieve more. We are deeply committed to working with governments, communities, schools, and educators to use the power of information technology to deliver platforms, services, and programs that provide anytime, anywhere learning for all. Artificial Intelligence is underpinning a data-driven revolution in school and higher education systems around the world, and future-ready skills programs which equip young people to take their place in a 21st century information age are enabling the fourth industrial revolution to impact lives everywhere.

Founded in 1975, Microsoft is the worldwide leader in software, cloud solutions and AI that help people and businesses realize their full potential. Windows 11, the latest version of our operating system is perfect for education on devices designed and made specifically for classroom use.

The company offers a wide range of products and services designed to empower people to truly achieve more – any time, any place, in the office or school, and on the go.

**microsoft.com/education**

SMART is a world leader in education technology, providing interactive solutions to help every person discover and develop the greatness within them.

A consistent innovator for over 30 years, SMART is the inventor of the SMART Board® and the developer of SMART Notebook®, the world's most popular collaborative learning software, and part of the award-winning SMART Learning Suite.

With their full range of interconnected displays, software, and accessories, used by millions in education and business, SMART helps students, colleagues and teams around the world create connections that matter.

**smarttech.com**

## HP



## Microsoft



## SMART



## Connectivity Partner



Liquid Intelligent Technologies is a business of Cassava Technologies, a pan-African technology group present in more than 20 countries, mainly in sub-Saharan Africa. Liquid has firmly established itself as the leading provider of pan-African digital infrastructure with an extensive fibre broadband network covering over 100,000 km.

Liquid Intelligent Technologies is also leveraging its digital network to provide Cloud and Cyber Security solutions through strategic partnerships with leading global players. Liquid Intelligent Technologies is a comprehensive technology solutions group that provides customized digital solutions to public and private sector enterprises and SMEs across the continent. Through this combined offering, Liquid Intelligent Technologies is enhancing customers' experience on their digital journey.

**Our vision and values:** At the very core of our business is our belief that every individual on the continent has the right to be connected. We believe that the power of technology will create better and brighter lives for everyone.

**We have big reach and strive for big impact:** Our footprint spans the continent, and we serve a diverse group of nations and customers. We don't only do what we do for short-term profit, but to make a difference in our customers' lives.

**We are all about service excellence:** We exist to deliver a superior customer experience and that starts with a strong service mentality. We treat each business as if it were our own.

**We have a bold and pioneering spirit:** We go where none have gone before, providing the best solutions for our customers to succeed

**We embrace change, because change moves technology forward:** We are courageous enough to reinvent and grow. We are dynamic and responsive to the market.

[liquid.tech](http://liquid.tech)

## Gold Partners



Established in 1976, Acer is a hardware and software services company dedicated to the research, design, marketing, sales, and support of innovative products that enhance people's lives. Acer's product offerings include PCs, displays, projectors, individual components such as keyboards, motherboards, set-up boxes and storage drives. It is also developing cloud solutions to bring together the Internet of Things. In addition, Acer declared its mission to help tackle environmental challenges with its "Earthion" platform that unites the strengths of its employees and supply chain partners, and expands the circle of impact of its sustainability efforts.

From being an off-shore supplier for big companies to competing with recognized brands, Acer has been courageous at every step to take bold steps that have aided its tremendous growth. Acer's passion for growth has taken it to levels that few could imagine. Acer's nearly 50 years of growth results primarily from its business of manufacturing and assembling branded and contract PCs in several locations throughout the world.

As Acer evolves with the industry and changing lifestyles, it is focused on enabling a world where hardware, software and services will fuse with one another, creating ecosystems and opening up new possibilities for consumers and businesses alike. Acer's 7,500 employees are dedicated to the support of products and solutions that break barriers between people and technology.

[acer.com](http://acer.com)



Astria Learning is a Florida based EdTech company founded in 2009. Our mission is to use technologies to make education more accessible and affordable to everyone under the stars. We design software, manufacture hardware, and use our consultative approach to help academic institutions become more competitive and relevant in this digital era. Our Products and services include:

**Astria Learning Management System:** One of the most robust and user friendly learning management systems on the market. The Astria LMS is a comprehensive learning environment that helps students and lecturers keep track of their records, grades, submissions, and engagement within each course.

**Astria Campus Management system:** A modular based education ERP built to improve all administrative processes within an institution. The various modules available in the ACMS handle everything from admission of new students to managing alumni after graduation. It is also designed to manage a large network of academic institutions under one roof.

**Astria Digital Library:** The Astria Digital Library brings together one the most comprehensive collection of academic resources, including textbooks, journals, articles and periodicals. All resources are available online and offline.

**AstriaTab:** A full featured durable tablet which comes in 3 tier, cost effective models. Designed to empower learners with the technology they need to stay relevant in this digital era.

[astrialearning.com](http://astrialearning.com)

**Clevertouch Technologies****CLEVERTOUCH®**  
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Clevertouch Technologies started as a family business in 1924, and has since grown into a global organisation that provides education and enterprise solutions in over 80 countries. From humble beginnings, Clevertouch are now an award-winning market leader, boasting 20% market share in the UK alone and is currently number one in Africa (according to the 2022 Futuresource report).

The Clevertouch Technologies product range includes: digital signage, room booking, large format commercial displays, way-finding screens, interactive collaboration meeting room panels, and interactive collaboration teaching panels, with no additional licenses required.

At Clevertouch Technologies, we are incredibly proud of our industry leading partnerships. Working closely with organisations such as Google, Intel, and Microsoft mean that we can offer end users the perfect product that integrates seamlessly with their existing technology ecosystem. Interactive Audio Visual Solutions are our exclusive distributor for Africa and together we have implemented educational projects across Africa, inspiring learning and teaching through the Clevertouch products.

Support is at the heart of our team, we ensure that our team of experts are ready to answer any question and share their knowledge. Our team of former teachers have over 40 years of teaching experience between them, resulting in products that are fit for purpose, designed by educators for educators. With free training, webinars, guides, support and encouragement, educators will become an expert Clevertouch educator in no time. Our vision for Africa is to nurture the human spirit with technology to inspire a generation without any limitation and with the right partnerships in place, we believe this can be done.

**clevertouch.com**

Coursera is the leading online learning platform for higher education, where 102+ million learners from around the world come to learn skills of the future. More than 250 of the world's top universities and industry educators partner with Coursera to offer almost 6,000 courses and specialisations, 13+ professional certificates, and 35+ degree programs. Coursera for Campus empowers any university and business school to offer high-quality, job-relevant online education to their students, alumni, faculty, and staff. With Coursera for Campus, higher education institutions can access ready to go content from top universities and companies in the world, to complement and support their curriculum.

**coursera.org/campus**

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**

NetDragon Websoft Holdings Limited is a leading global creator of internet communities. Its headquarters are in Fuzhou, Fujian, China. NetDragon is included in the Hang Seng Large-Cap, Mid-Cap Index, Shenzhen-Hong Kong Stock Connect and Shanghai-Hong Kong Connect. With more than 6,000 employees worldwide, NetDragon was named "Outstanding Employer" by Fortune magazine twice. It has offices in Europe, the Middle East, the US and Asia.

NetDragon has grown into a principal force in the promotion of education development and innovation within the internet and mobile education industry and is striving to build a global life-long learning community. Its education service system combines hardware, software, services and support across pre-primary education, basic education, higher education, vocational education, enterprise training, non-degree and life-long education.

Through a series of strategic investments, NetDragon has delivered its educational services to more than 2 million classrooms and 100 million users in 190 countries and regions worldwide, creating a global K-12 educational community network and ecosystem.

NetDragon maximizes the impact and performance of a country's education system by working with carefully selected in-country business partners as well as engaging directly with Ministry of Education key decision makers and/or Education policymakers. A comprehensive needs analysis process ensures that its solutions support the stated goals of its strategic clients while being informed by the United Nations Sustainable Development Goals and World Bank education pillars.

**www.netdragon.com**



ODILO is the pioneer that has created a new category in the education market: Unlimited Learning Ecosystems. We work in partnership with government and companies worldwide to achieve UNESCO 2030 Sustainable Development Goals.

We are passionate about what we do and strive to: Democratise access to high quality education; Improve literacy levels and critical thinking skills; Promote lifelong learning; Develop powerful insights on learners and content activity.

We are proud to be supported by the European Commission to improve literacy across Europe and founded the ODILO Young Reader Awards – helping countries foster and find the best young learners across their nation. We currently have access to over 170M users in 52 countries and are supporting nationwide learning programs in both developed and emerging economies.

Our solutions are fully personalised, data-driven, inclusive, work offline and online, multi-device and e-learning focused. We today collaborate with over 6,300 publishers worldwide to offer over 3M titles of high quality ebooks, audiobooks, video, magazines, scorm and others, across over 40 languages.

[www.odilo.us](http://www.odilo.us)



OmniClouds is a global company dedicated to digital transformation projects for governments and multinational companies. We strive to offer disruptive technologies and innovative takes for old and new problems alike, by focusing on connecting the multiple parts into a single integrated platform, leveraging on OmniClouds' proprietary connectivity solutions.

OmniClouds presents a full spectrum of services for cloud migration, connectivity and digital transformation, which are primed to meet the needs and challenges of the effervescent economies of African nations, especially when it comes to education.

OmniClouds partners with local companies and experts because we understand that each country is different. Our team adapts to each country's existing projects and infrastructure to deliver a turnkey, fully integrated platform for digital transformation, for education, health, security, and government services, oriented towards meeting UN's Sustainable Development Goals.

Our method to assure the delivery of sustainable, high return solutions consists of several phases: Initial consultation and scope drafting with local partners and experts; Development of a tailored solution according to local needs and existing infrastructure; Implementation of the agreed scope using local teams and best suited providers; Enable a country wide dedicated network to assure connectivity between all parts; Transfer knowledge and training to local entities and staff; Assure that the country is empowered to manage and maintain the new digital platform and offer continued remote support from our global network operations center.

In short, OmniClouds is a platform to transform, an enabler of better solutions that brings people together by fueling abilities, ambitions, and aspirations.

[omniclouds.com](http://omniclouds.com)

## Silver Partners



AbleNet is a world leader in assistive technology and services to help individuals with disabilities lead productive and fulfilling lives. We believe that all people deserve the tools to help them learn about, interact with, and participate in the world around them. Whether that's a child in the classroom, an adult recovering from an injury, or a senior who wants to remain at home, AbleNet is there helping improve their lives.

We develop, manufacture, and market a vast portfolio of technology products that are designed specifically for individuals with disabilities. Through our distribution channels and our global network of business partners, we ensure that our solutions are available to everyone.

We strive to make AbleNet synonymous with trust, service, innovation, creativity, and simplicity. We aim to delight every customer with each contact made by AbleNet employees. To achieve this mission and create an ever-expanding, ever-improving organization, AbleNet employs people who embrace this mission, share their talents, and work with a sense of determination to unlock human potential.

**Our history:** We were founded in a preschool developmental achievement center volunteer project in 1985. Through the development of innovative products, AbleNet saw our growth continue to climb. To help fuel that growth and hold true to our guiding principles of employee engagement, in 1998, we became 100% employee owned. We continue to stay dedicated to the creative and innovative pursuits of our early days by focusing on providing outstanding products and services to a global disability market.

[ablenetinc.com](http://ablenetinc.com)

## Britannica Education



Britannica Education (also known as Encyclopædia Britannica) is an education publisher and services provider working with schools, educational institutions and Ministries of Education. We support leaders with educational reform through bespoke professional development programs and high quality digital curriculum products. Britannica has a legacy of partnering in a consultative manner with Ministries of Education, working collaboratively to design innovative solutions which fulfill national and local needs.

Britannica offers online resources, digital media and curriculum aligned lessons. The range of articles, videos, images and lessons are designed to be used both in class and at home compatible with any device. They are all created with up to date knowledge and are trustworthy, non-bias, non-political and of the highest quality. Britannica professional development can lead transformation through face to face, online or blended formats. Programs are designed to engage, motivate and initiate change at all levels, with the ultimate aim of improving a range of student outcomes, including digital literacy. Previous initiatives include STEM, global citizenship, research skills and the incorporation of SDGs.

**britannica.co.uk**

## Certiport



Certiport is the leader in industry-recognized performance-based certifications. Certiport was established in 1997 and acquired by Pearson VUE in 2012, and is headquartered in Lehi, Utah. Globally recognized as the leading provider of certification exam development, delivery, and program management services, Certiport delivers exams through an expansive network of nearly 16,000 Certiport Authorized Testing Centers (CATCs) worldwide through which Certiport delivers more than 3,000,000 exams annually. The markets that Certiport serves include secondary, post-secondary, workforce development, and corporate technology markets. Certiport is active in 148 countries through a combination of employees and strategic partnership, and Certiport provides certification exams in 27 languages.

**certiport.com**

## Classera



For more than 10 years, Classera has served ministries of education with a comprehensive Learning Management Platform proven to innovate the e-learning ecosystems. We are passionate about developing an engaging, inspirational smart e-learning solution that drives improved learning outcomes. Our proven process is driven by these pillars: Inspiration via Gamification, Personalized through Artificial Intelligence and Engagement through Social Learning. From our Silicon Valley Headquarters, our solutions serve more than 10 million users globally.

Chosen by several countries as the national E-Learning platform and recognized by some of the most prestigious awards in EdTech such as The Learning Award, BETT and GESS awards for outstanding e-learning innovation.

Classera successfully launched 'Learning Never Stops' initiative in response to Covid-19. As part of our global CSR to help millions of students worldwide continue their education without disruption in collaboration with our partners Microsoft and HP.

**classera.com**

## Dynamo Maths



Dynamo Maths is an evidence-based inclusive numeracy program targeted to support children who are not making age-expected progress. It has been purposefully designed to help teachers in the classroom to differentiate support to meet the wide range of learning needs. The program supports the whole cycle of Assess, Plan, Intervene and Review to support K-K12 National Curriculum and catch-up.

The standardised assessment provides a Number Sense Profile of strengths and identifies the specific barriers to learning. It further signposts to a personalised intervention plan. The intervention plan is constructed around multi-modal learning resources consisting of:

1. Onscreen interactive models and images supported by audio and visual stimuli for students to practice and master the concepts.
2. Lesson Plans written by experts provide detailed instructions for teachers to promote thinking, reasoning, communication, language and reflection skills.
3. Worksheets confirm learning and provide evidence of written errors, enabling pupils to think through and reflect on their learning.
4. In addition, Dynamo Maths has built-in Additional Needs or SEN Profiling tools to support student Accommodations and Adjustments.

The program is delivered locally and supported by Edit Micro across Southern Africa who provide training, technical and National Curricular support. The implementation of the program is showing 35-40% improvement with high levels of teacher motivation.

Dynamo Maths is further being adapted to support children with hard of hearing and language localisation.

**jellyjames.co.uk**





EDIBON is a worldwide benchmark company, with 40 years of experience in Teaching Equipment for Engineering and Technical Education.

EDIBON is committed to offer our expertise in the sector to any Technical Education Center (public and private). Our own engineering team and our strategy based on continuous Research and Development (R&D) allows us to have nowadays more than 4,000 products developed and designed by us, manufactured with the most advanced technology and complying with international quality standards. Proof of this are our certificates, applicable to design, manufacture, sales and after-sales service. (ISO9001; ISO14001; ISO45001 and more)

About 98% of our production is exported to institutions in more than 140 countries, both in Higher and Technical Education centers and in Vocational Training or Business Training Centers.

**Mission:** Create the best product with the latest technology available in the market. Excite our clients from around the world with the best technical teaching equipment available and offer them at all times an excellent after-sales service.

**Vision:** Consolidate the company's leadership worldwide. Offer all the necessary tools for a quick, easy and effective training of students and teachers.

**Values:** Creation of a culture of responsibility, respect, equality, perseverance and environmental protection. To do this, we try to convey our values to employees, customers and representatives from all over the world.

**edibon.com**

### Edit Microsystems



For over 30 years, it has been our vision to upskill people of all abilities so that they can live a life of dignity, self-worth and happiness. We aim to promote inclusivity, independence, and employment to make a meaningful contribution towards a better Africa. The Edit team is honoured to be part of this journey by creating a bridge between technology and the person, through support and training.

Edit is an award-winning company that has supplied technology solutions to educational institutions, government institutes, corporations and community upliftment projects throughout Sub-Saharan Africa. The company is devoted to finding alternative and cutting-edge technology for individuals of all abilities. Thus, improving learning opportunities, curriculum delivery, occupational competence and fulfilment of activities of daily living with focus on practicality, high speed functional connectivity, ongoing support and professional development.

**What we do:** We offer advice, products, training and support in the following areas: Professional Development; Literacy; Special Needs & Inclusion; Assistive Devices; Deaf, Blindness & Low Vision; Hearing Assistive Technologies; Data Projectors; Interactive Projectors; Mobile Learning; Interactive Whiteboards; Distance Learning; Augmentative and Alternative Communication (AAC); Virtual Laboratories; Computer Control; Vocational Training; Early Learning Technology; Remote Support.

**www.editmicro.co.za**

### Education Development



Education Development Trust is an international not-for-profit organisation working to improve education outcomes around the world. We seek to improve education and transitions into work through expert research on what works. Our experts deliver highly contextualised programmes designed to transform education systems, schools and lives.

Our vision is a world in which all lives are transformed through excellent education. We strive to change education for good, grounding our work in research and evidence. We support leaders to raise standards, improve school performance, develop great teachers and open career pathways – transforming lives and futures in contexts as diverse as Brunei, Kenya, England, Rwanda and Dubai.

We combine global research and our longstanding expertise with regional knowledge to inform education policy and practice and deliver programmes around the world. Through our work and expertise – which spans from early years education right through to post-school careers – we seek to strengthen education systems, transform teaching and learning, ensure effective transitions into work, and contribute to global responses to key education challenges.

We work in diverse contexts all over the world, often including challenging environments, hard-to-reach localities and marginalised communities where the need is greatest. In all these locations, we use evidence-based methods to raise education standards, deliver innovation in schools, help teachers to improve their quality of instruction, empower educators to effect sustainable and cost-effective transformation in their schools, and reduce disparities in educational outcomes.

**www.educationdevelopmenttrust.com**



For over 35 years, HumanWare's inspirational vision has resulted in a range of highly intuitive and intelligent solutions that empower people who are blind or have low vision by giving them the independence to participate effectively within a sighted world.

HumanWare is recognised as an industry leader, dedicated to our mission of providing high-tech tools that allow blind, partially sighted, or learning-disabled people to maintain their independence and live full, productive lives using our diverse range of assistive technology.

Reading and writing are essential in life; reading braille creates equality and diversity and is key to helping students of all ages engage with technology; allowing them to grow mentally and emotionally, learn new things and be creative, but most importantly for blind students, braille skills are the foundation of future employment and opportunities.

HumanWare are proud to work with our partners Edit Microsystems (Pty) Ltd who supply our braille and low vision electronic magnification devices to schools throughout South Africa and Africa. This turnkey solution offers young students from 5 to 19 years with a visual impairment, an opportunity to engage with technology being used around the world, allowing them to fulfil their potential and flourish in today's society.

[www.humanware.com](http://www.humanware.com)



Strategic partner of major players in the sector, such as Microsoft and Intel, jp.ik develops innovative solutions in the field of Technologies Applied to Education, always being one step ahead of other global companies.

With more than 30 years of experience in the development and distribution of technological solutions, in 2008, jp.ik implemented the world's first national education technology initiative. This initiative was pioneering, as it guaranteed universal access to technological equipment and access to information.

So far, jp.ik technological projects have impacted 16 million students and 300,000 teachers in over 70 countries.

[jpik.com](http://jpik.com)



Kortext is the leading education support organisation, helping institutions to embrace digitally enhanced teaching and learning experiences through two cutting edge platforms – Kortext Arcturus, the world leading student learning experience and engagement platform, and KeyLinks, the dynamic reading list management system.

**Kortext Arcturus:** The Kortext Arcturus platform supports educational institutions in their mission to educate the next generation of difference makers, providing a gateway to over 2m eBooks from over 4,700 publishers through a personalised online learning space. The platform comes complete with a digital bookshelf enabling students to access essential learning content and a host of smart study tools to boost engagement.

Students can study anytime, anywhere, and on any device, both independently and collaboratively using Kortext's group collaboration tool to connect with peers and academics. The Kortext Arcturus platform is currently benefitting users in 200 countries and territories, facilitating digital transformation at scale across institutions and entire countries, and guaranteeing equity of access and experience for all. Coupled with our market-leading data on student engagement, behaviours and content usage, institutions have everything they need to embrace digitally enhanced learning, drive engagement and ultimately improve outcomes.

**KeyLinks:** KeyLinks enables institutions to create, manage and disseminate course reading lists online – guiding students to the right resources at the right time. The system drives efficiencies in librarian and academic workflows to save time and money; creates a collaborative environment for librarians and faculty departments to work together; and provides a simple reading list solution that academics can update throughout the year.

[kortext.com](http://kortext.com)



With more than 850 million members worldwide, LinkedIn is the world's largest professional network.

The Economic Graph is a digital representation of the global economy based on our 850 million members; 39,000 skills; 59 million companies; and 128,000 schools. In short: it's all the data on LinkedIn. LinkedIn's vision is to create economic opportunity for every member of the global workforce. Our Economic Graph insights help us achieve this vision.

Leveraging the power of the LinkedIn Economic Graph, LinkedIn has partnered with governments and government agencies across the globe to understand the rapidly changing world of work with detailed and dynamic data. This dynamic data allows us to identify skills gaps across industry and professionals, close identified skills gaps through curated learning content, centralise and make available jobs more inclusive and lastly measure employee engagement at scale. Our data insights allow leaders to benchmark and compare labour markets across the world; analyse skills, occupations, and industries; and leverage real-time data to make policy changes.

[linkedin.com](http://linkedin.com)



Mwabu is proud to have originated in Zambia, but our products are suitable / adaptable for much of Sub-Saharan Africa. We particularly understand the challenges faced by teachers, learners and communities in rural Africa and are striving to play our part in overcoming them.

We are bold innovators, using technology to improve the quality of teaching. We are designing and building an affordable digital eco-system that specifically meets the needs of rural African primary schools. Our African-centric, multi-lingual interactive content and lesson plans work online and offline, delivered via low-cost tablets or smartphones.

We work with partners to overcome teachers' skills and motivation gaps, and learner literacy / assessment shortcomings. Our solutions consider deployment and operating challenges and address the realities of power and connectivity constraints. We can collect and analyse usage and completion data offline, enabling teacher and learner progress to be monitored. This allows early intervention where concepts need reinforcing or targeted teacher support is required.

We are testing new technology on projects such as Intel's N50 [www.n50project.org](http://www.n50project.org) to increase affordable access to content and reduce data costs and are trialing the use of incentive contracts for teachers and communities to reward them in the delivery of improved outcomes. We build bespoke digital training content for major institutions and are enhancing climate and environmental awareness through our support of iLearnabout.

Mwabu is the future of digital education in rural areas: Content; Lesson plans; Teacher training and support; Literacy; Assessments; Data; Hardware solutions.

[www.mwabu.com](http://www.mwabu.com)



Founded in 2007, NewGlobe is a global leader in learning and an education expert. It supports state and national governments who are committed to transforming their public education systems. NewGlobe uses a powerful technology enabled integrated system.

Approximately one million students are currently in schools supported by NewGlobe, rising to two million before the end of 2022.

Some of NewGlobe's well-known system transformation programs include: EdoBEST, EKOEXCEL and RwandaEQUIP, as well as KwaraLEARN and STAR Education Manipur. It also supports four community school programs, as Bridge International Academies in Kenya, Andhra Pradesh Uganda and Nigeria, and is the largest partner, as Bridge Liberia, of the Liberian Government's LEAP program.

It is a long standing member of global organizations including the UN Global Compact and Business Fights Poverty and subscribes to the UN's Women Economic Empowerment Principles.

It has won numerous awards for its transformative work including from the World Economic Forum, the Schwab Foundation and WISE. It has also been recognised as the African Business Employer of Choice over consecutive years.

[newglobe.education](http://newglobe.education)



Oxford University Press is the world's largest university press with the widest global presence, advancing knowledge and learning across Africa and the world. We produce educational material and support for basic education, TVET, higher education, and home learning in a variety of African languages, and we aim to make our content available to our customers in whichever format suits them best, whether print or digital. We welcome new ideas and fresh thinking and offer the opportunity for individuals and teams to make their mark.

We believe in the transformative power of education to inspire progress and realize human potential. We strongly believe that collaborative communities lead to successful communities. Our partnerships with teachers, lecturers, departments of education and the wider educational community provide strong foundations that enable children to thrive throughout their schooling career.

Making an impact through education is at the heart of everything we do. All our surplus income goes back into education, research and scholarship for South Africa, Africa and the world. In Southern Africa, our unique shareholding partnership with The Mandela Rhodes Foundation provides bursaries for tertiary study to current and future generations of young Africans from all over the continent.

[www.oxford.co.za](http://www.oxford.co.za)

## Panword Education



Panword Education is one of the leading "Content and Technology Integrators for Education", headquartered in the United Arab Emirates (UAE). Panworld Education provides digital content and technology solutions for K-12, Higher Education, Governments & Ministries and corporate sectors, across the Middle East & Africa countries.

The company brings to its customers the best of the solutions of Content, Technology and associated services to support Curriculum content, Reference content, Enrichment content and the associated technologies and services to deliver, disseminate, manage and discover the content.

The company also supports the big projects and national initiatives by providing the suitable guidance and support with the key funding agencies. The company is associated with leading educational institutions, academic consortia, national-level initiatives and strategic government projects across the region.

Through our solutions, "We have touched the lives of 23 million students and half a million teachers in their learning and imparting education journey by providing age-appropriate, digital learning objects and technology, which in turn has paved the path for national educational reform in these changing times."

[www.panworldeducation.com](http://www.panworldeducation.com)

## Positivo BGH



LEARN TODAY. AMAZE TOMORROW

Positivo BGH is a Joint Venture between two industry leaders in Latin America namely Positivo Tecnologia, of Brazil, and BGH, of Argentina. Positivo Tecnologia brings over 40 years of experience in education, is the largest manufacturer of computers in Brazil and owns education 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, Rwanda, Ghana 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.

[positivobghwise.com](http://positivobghwise.com)



Snapplify is at the forefront of edtech solutions in Africa, and specialises in enabling digital learning for individuals and institutions via the largest digital educational marketplace in Africa.

Thousands of schools, colleges, and universities use Snapplify every day to teach, learn, and access educational content. Snapplify works with numerous government departments on education interventions, and is the digital content partner on one of the widest-reaching digital interventions in Africa – a project that delivers technology and e-learning to public schools in South Africa's Gauteng province.

Snapplify runs impact programmes through the Snapplify Foundation, and empowers, inspires, and uplifts teachers via Teacha! (the largest community of teachers in Africa). Snapplify's education technology is used by education businesses and governments throughout the wider education ecosystem to power their edtech products and interventions, facilitating collaboration throughout the educational community.

Most recently, Snapplify was named the overall winner of the Africa Region Gold Award at the 2022 Reimagine Education Awards in London; was an Edtech Award finalist (2022); was awarded an EdTech Breakthrough Award for Industry Leadership (2021); was a Bett Award (2020) finalist in the Innovator of the Year category; and was included on the esteemed HolonIQ EdTech 50 list (2021 and 2022) – honours that are indicative of the company's calibre in tech innovations.

[cloudservices.snapplify.com/government](http://cloudservices.snapplify.com/government)



Zoom helps people stay connected so they can get more done together. From meetings, chat, phone, and webinars to conference room systems and online events, Zoom powers all your communication needs. Our secure, reliable video platform offers a high-quality experience that is easy to manage, use, and customize.

[zoom.us](http://zoom.us)

## Branded Partners

### ApplianSys



ApplianSys can play a small but vital role in your nation's journey to transform education via connected classrooms and e-learning. We safeguard nationwide internet rollouts to schools by fixing the connectivity problem which exists for schools everywhere, but especially in the developing world.

Web caching is vital for the success of your schools e-learning initiatives. Without caching, your education transformation programmes will take years longer, fail to serve rural communities equitably and cost your nation many \$millions more than necessary.

ApplianSys is the world's specialist in this niche area, with customers in 156 countries. We have been working with large education authorities on large-scale schools deployments since 2001 and are working with many governments worldwide. The largest project we are currently working on involves a 10,000 school roll-out.

Because of our global experience over this time, we understand the critical success factors not just for our own specialist area and technology. We have seen lessons learned on the whole range of factors which you must manage for national success on the e-learning journey. We would be delighted to meet with you and your team for a brief explanation of why our specialist area is vital to your plans, and identify whether we can help you as you develop your national initiatives.

**appliansys.com**

### Beedle



Beedle ehf. is a global innovation company specializing in education technology and the leap to hybrid – and digital learning through Microsoft Teams. Founded in Reykjavík, Iceland, Beedle boasts over 20 years of experience within Education. Our solutions are currently being used by customers in K-12, higher education, and the corporate sector, in over 85 countries.

**From teachers to coders to creatives:** Our team around the world are passionate problem solvers, who always strive to make it all about educators, learners, and community. From leading the onboarding journey, to offering support, we have a customer-centric approach and work in true partnership with our customers and partners to create solutions that enable them to achieve their goals. We strive to create a culture that empowers a humble, creative, and independent workforce.

**The unified platform for hybrid teaching and learning:** Beedle adds educational functionality for planning, teaching, and engaging in Microsoft Teams, so Educators can transition from paper to digital and do most of their daily activities in one platform. The power of one solution helps teachers and educators, students, and other staff members to meet, collaborate, create content, and share resources in Microsoft Office 365 Education with the simple, intuitive power of Microsoft Teams.

**Making learning transparent for parents and guardians:** With the Beedle Parent App, parents and guardians can access Beedle Add-in Microsoft Teams functionality from a simple and intuitive native app, without the need for them to log into Teams. It makes it easy, reliable, and secure for teachers and families to connect, stay informed, and receive notifications to support learning inside and outside of the classroom.

Education is rapidly transforming with new demands and expectations. Beedle is all about to help teachers and students succeed now, and into the future.

**www.beedle.co**

### Casio



When you think of calculators you think of CASIO. The fact is that beyond calculators there is a holistic ecosystem involving teachers, students, curriculums and educational authorities. CASIO is engaged in modernizing and revolutionizing this ecosystem by customizing teaching and practicing material, conducting development trainings for teachers in mathematics' pedagogic, and enhancing students' journey in learning towards critical and analytical thinking as well as problem solving.

Nowadays, CASIO is the market leader in scientific and graphing calculators. Every year, twenty-five million new students in secondary schools around the world are introduced to CASIO's scientific calculators. Using a scientific calculator to improve problem-solving skills seems to be fast becoming a standard way of learning. We actively support teachers and students who utilize them, so that they can achieve better mathematical education using a scientific calculator; We call this "GAKUHAN".

Vision: What kind of world is "a world where anyone can find learning enjoyable"? It could be a world where you can acquire new knowledge, solve problems, expand your interest, or make you want to try new things. Curiosity makes you want to learn more. By taking action to learn, reaching a conclusion, learning something new and using that knowledge, comes a new curiosity. We believe this "chain of curiosity" is what makes learning enjoyable.

**edu.casio.com**

**De Lorenzo S.p.A**

De Lorenzo S.p.A specialises in designing, developing and producing technical and vocational training equipment. The didactic solutions provided range from all areas of electrical and electronics fields, power engineering, renewable energies, mechatronics to solutions relevant for the industry 4.0 and all latest technologies. All DL solutions are aimed at converting theoretical knowledge into practical experience, greatly facilitating the task of teachers, and allowing learners to acquire relevant technical and hands-on skills.

Established in 1951, DL has continuously maintained focus and attention on manufacturing high quality didactic equipment and providing professional services. The company's international experience in over 140 countries of working directly with different universities, technical and vocational training institutions, makes it the perfect partner for all engineering, technical and professional training solutions.

All DL training equipment is manufactured in Italy, following the highest quality and safety standards. Thanks to the dedicated team of engineers and educational practitioners, coupled with constant investments in Research and Development, DL is always in-line with technological innovations – maintaining relevance in the technical and vocational training sector.

DL's approach to every project is to ensure that it provides solutions aligned with AGE concept (Accessible, Green and Equal). The solutions provided must be accessible to everyone, environmentally friendly and promote equality for all students. In addition to the production and supply of training equipment, we also provide post sales services such as shipping, installation, certified training, etc. All of this has allowed DL to have the capacity of delivering turn-key and fully customised projects.

**delorenzoglob.com**

EDUPAC® Software Support Services (Pty) Ltd, an International Leader in Education Management, provides an EMIS Software Suite designed to effortlessly collate data and efficiently provide information to all stakeholders being it Owners, Managers, Employees, Educators, Parents, Students, or a Government. Our QUEST is to deliver Quality, Innovative and Effective Low-cost Educational Management Solutions resulting in a significant over-all improvement in a rapid changing Education landscape, whilst striving to exceed high-value end-user experience.

EDUPAC® Enterprise is an online, reliable and robust ERP Software Suite inclusive of cross-platform Mobile applications with integrated data flow between all divisional functions at Educational Institutions:

- Learner and Guardian Administration; Online Registration, Documents, Vulnerabilities, Performance, Attendance and Conduct.
- Curriculum Management; Continuous Tracking and Monitoring of Learner progress.
- Employee and Educator Management; Leave, Absenteeism, Specialization and Classroom Mobile Management.
- LTSM Inventory; e-Books, Textbooks, Materials and Library Management for Learners and Educators.
- Timetabling; Single screen optimal planning of Resources for Curriculum delivery.
- Communication Portal; Secure Delivering of Bulk SMS, e-mails, and notifications to custom selected recipients.
- Financial Management; Budgets, Cashbook, Petty Cash, Balance sheet, Income and Expense Ledger with Account Categories, Groups and Business units, Customer Ledger, and Vendor Ledger.
- Stock and Assets; Inventory Management including Vendor procurement pricing, quantity, and average costs.
- e-Learning Platform; Providing online and offline functionality to Educators, Students and Guardians.

EDUPAC® ERP is optimally designed to: Highly Reduce Manual and Duplicated Administration; Ensure Real-time Information to all Management Levels and Stakeholders; Provide Effective Planning and Management via Data Driven BI Dashboards; Deliver Seamless Integration to other Information Systems; Rapidly Deploy on-line for a single Institution or a Country.

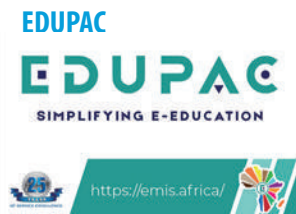
**www.edupac.co.za**

EDVES is a full-featured school management software that currently serves 1300+ schools across 10 countries in Africa, automating their school processes, including teaching and learning, administration, communication, and finance. With a vision to reimagine education and make learning simple, Edves was founded in 2016 by Dimeji Falana and Dare Adebayo. As a digital infrastructure for K-12 schools, Edves enables collaboration between Teachers, Parents, and Administrators to collaborate on learners' progress on learning goals, tracking and analyzing learning outcomes by automating the brick and mortar Schools' operations like Students Enrollment, Online Learning and CBTs, Result Management, Attendance Tracking, Transport Management, and Payment Management.

Leading the Edtech ecosystem in Africa, Edves is currently used by over 430,000 students, parents, and educators – enabling school owners to identify fee defaulters and send out reminders, educators to generate student reports and streamline school processes, and parents to track their children's performance. Because the Edves team rides the waves of innovation and growth, other products that aid in fulfilling the vision of the startup are also being birthed. New among such are Personalised Learning and Past Questions, PL by Edves, and PQ by Edves, respectively. On PL by Edves, parents may search for schools and subjects of interest and gain access to tutors in those schools – schools they may not have been able to afford for their kids. Students can study past exams from WAEC, NECO, Cambridge, UTME, GCE, and IGCSE on PQ by Edves and ace their exams in one sitting.

**Vision:** To reimagine Education and make Learning easy.

**Mission:** Building a customer-centric operating system for Education through innovative technology solutions.

**edves.net**

## EF Education First



EF Education First is a global education group specializing in large-scale language and skills training, educational travel, academic degree programs, and cultural exchange. Since 1965, EF has helped millions of people learn a new language, experience new cultures, and build the skills they need to stay relevant and succeed in our fast-changing new world of work.

Public-private partnerships have the power to create a significant, positive impact on human capital development, which is central to Africa's economic competitiveness and transformation. As global learning experts, we support governments, the private sector, NGOs and development partners in making the right, long-term investments in education and skills.

**We help governments to:** Customize language programs to achieve national objectives, including professional and industry-specific language skills for global fluency; Assess and track the language proficiency of large target groups; Improve students' education by elevating teacher training; Build entrepreneurial, managerial and leadership skills across all levels and sectors; Co-create customized learning solutions to tackle specific strategic challenges contextualized to local needs.

With presence in over 120 countries and a Regional Hub in Kigali, Rwanda, we have extensive experience helping governments and partners accelerate human capital development worldwide. We believe language, entrepreneurship, management, and leadership training can help create opportunities for individuals, companies, and nations. We are committed to building a more prosperous future for all. We would love to hear from you; and our team of experts is ready to help.

[hultef.com/africa](https://hultef.com/africa)

## Eiffel Corp



Eiffel Corp is a strategic EdTech and FinTech partner specialising in modern learning solutions for African contexts. We exist to enable greater access to meaningful education. To achieve this, Eiffel Corp partners with academic institutions to create modern learning and commerce solutions to deliver sustainable digital education for economic impact.

Our global experience means we offer world-class services, but our African roots mean that everything we do is strictly with African needs, nuances and challenges in mind.

Since 1998, African higher education institutions have consistently chosen to work with us in solving their most pressing challenges. Today we work with more than 450 education institutions throughout Africa in empowering educators and learners to thrive.

- BEST EDUCATION SOFTWARE SOLUTIONS PROVIDER – SOUTH AFRICA 2022
- BEST ELEARNING CONSULTANCY FIRM IN AFRICA 2020/21
- MOST INNOVATIVE HIGHER EDUCATION TECHNOLOGY COMPANY OF 2020 /21
- FINALIST: EDTECH COMPANY SETTING A TREND 2020/21
- STEVIE AWARDS BRONZE – TECHNICAL INNOVATION OF THE YEAR 2021

[eiffelcorp.co.za](https://eiffelcorp.co.za)

## Glasgow Caledonian University



University for the Common Good

Glasgow Caledonian University's (GCU) Institute for University to Business Education (IU2BE) works with private and public sectors nationally and transnationally to diagnose and resolve human capital challenges. Our collaborative and consultative approach solves critical and scarce skills gaps from the analysis and identification of human capital challenges to the design and implementation of accredited, portable work-based programmes. The IU2BE strategic business development and work-based academic expert team are committed to delivering the following portfolio:

1. UK & Transnational Bespoke work based diagnostic consultancy & education design
2. Internationalisation of Graduate level Apprenticeships
3. Up-skilling & Re-skilling for career mobilisation (accredited short courses or modules)
4. Credit Rating Services for national & international clients: QA, Audit, SCQF evaluation and Registration
5. University to Business and Work-Based Education Research

As the university for the Common Good, GCU operates a business model that has an intrinsic connection to the needs of successful national economies. We bring focus on parity of access to flexible work-based education solutions that empower individuals to earn credit for the job they do and prepare them for emergent change as their job and organisation evolves.

At an organisational level, we collaborate with employers to support, qualify, mobilise and retain the talent they have. We deliver these interventions at scale nationally and internationally to clients that range South African state-owned Enterprises (10 years in delivery and over 1500 graduates with Transnet Freight Rail), multinationals, chartered bodies, private, public and Third sector organisations (charity). We are committed to growing our work-based programme in Sub Saharan Africa and have delivered many successful projects to date to build human capital capacity leading to better social and economic prosperity.

[gcu.ac.uk](https://gcu.ac.uk)

## Knowledge E



Knowledge E helps institutions advance the quality of their research; move towards teaching excellence; upgrade library technology, services and practices; and advance scholarship through journal publication, management, and training. In other words, it works with higher education institutions, research centres, ministries, publishers, and scholars to solve our society's most significant challenges.

Established in 2012 and headquartered in Dubai, Knowledge E (KnE) has prudently expanded its expertise, services, and technology in line with its vision of developing 'a more knowledgeable world' and has quickly become synonymous with collaboration, professionalism, and innovation.

'Discover' through the KnE Digital Library Solutions for research literature discovery, as well as tailored content packages; 'Develop' through the KnE Training Programmes, supporting capacity building and skills development within academia as well as the KnE Consulting Projects, serving universities on their mission to become 'world-class universities'; and 'Disseminate' through the KnE Publishing Services and the platform for Open Access publishing of regional journals and conference proceedings.

With the aim of making scholarly discovery barrier-free, Knowledge E has also developed Zesty, an affordable, subscription-based, digital library that offers individuals access to millions of credible scholarly publications at the cost of a single research paper, unlocking access to research for thousands of users across the MENA region. At the moment, Zesty Plus is available in Algeria, Bahrain, Jordan, Morocco, Saudi Arabia, Tunisia, and the United Arab Emirates. Users from other countries around the globe can access Zesty Open, which offers countless, credible Open Access resources.

**knowledgee.com**

## Impero



At Impero, we're more than just a software company. We come to work each morning knowing that we are creating the best technology solutions designed specifically to keep people, devices and the connections between them safe and effective. The digital transformation is accelerating, with structural trends driving digital adoption in schools and workplaces. New challenges appear, such as risk for cyber threats and mental health concerns, emphasizing the need for institutions and corporates to provide safe and efficient studying and working environments.

Impero's mission is to empower schools, universities and corporations to thrive in the context of the 'new normal', while maintaining a high commitment to the wellbeing of students, teachers and employees. We are a global leader in digital solutions for safe and efficient studying and working environments, keeping students on-task and safe, and providing secure and efficient platforms for employees working remote.

In 2022, Impero acquired ContentKeeper, considered one of K-12's best web filtering solutions. Today we work directly with technical teams, schools, MATs, and Fortune 500 companies in more than 90 countries. Together, we're developing a future where we can all be safe and productive online.

**imperosoftware.com**

## LatinFly



LatinFly has more than 20 years of experience in the publishing world. As representation agents, we promote content in the educational and professional segments, manage contact networks at different levels, identify opinion leaders and potential authors, execute sales and e-marketing campaigns, and offer editorial and commercial advice to our clients in our territory. Some of our main partners are: Wiley, Taylor & Francis, Wolters Kluwer, Jones & Bartlett Learning, Thieme, Sage, Aspen among others.

We handle academic and professional products, distributed in digital platforms or in print format, and we sell in B2C and B2B scenarios, as necessary. We have an understanding of the state, institutional and consortium channels, as well as of the libraries, university systems and bookstores and we handle them effectively. We have the knowledge, the experience and the passion.

Our headquarters are based in Miami, and we have regional representatives in Buenos Aires, Argentina, Bogotá, Colombia, as well as Puerto Rico and Mexico City, México.

**latin-fly.com**

## Maskott



**(English)**

Accelerated country-wide deployment of a digital learning platform for training teachers and sharing educational resources with students. The platform enables the development of a vibrant local content publishing ecosystem that promotes the production of educational resources by local actors. The ecosystem associates the Ministry of Education and its pedagogical services as well as local educational publishers. The resources produced are made available to teachers, in support of their courses, to provide students with content and exercises to complete in class or at home.

The platform is deployed in 11 West African countries through the regional program [imaginecole.africa](http://imaginecole.africa) launched by UNESCO in collaboration with the International Organization of the Francophonie, CONFEMEN and the French Government.

**Imaginecole.africa:** [imaginecole.africa](http://imaginecole.africa)

**Tchad EducaTIC:** [tactileo.africa/sso/logon/Tchad-EducaTIC](http://tactileo.africa/sso/logon/Tchad-EducaTIC)

**See also:** Compensating the socioeconomic achievement gap with computer-assisted instruction [onlinelibrary.wiley.com/doi/abs/10.1111/jcal.12616](https://onlinelibrary.wiley.com/doi/abs/10.1111/jcal.12616)



**(French)**

Déploiement accéléré à l'échelle d'un pays d'une plateforme d'apprentissage numérique destinée à la formation des enseignants et au partage auprès des élèves de ressources pédagogiques. La plateforme permet le développement d'un vibrant écosystème local d'édition de contenus favorisant la production de ressources pédagogiques par les acteurs locaux. L'écosystème associe le Ministère de l'Éducation nationale et ses services pédagogiques ainsi que les éditeurs scolaires locaux. Les ressources produites sont mises à la disposition des enseignants, en appui de leurs cours, pour proposer aux élèves des contenus et des exercices à réaliser en classe ou à la maison.

La plateforme est déployée dans 11 pays d'Afrique de l'Ouest au travers du programme régional imaginecole.africa lancé par l'UNESCO en collaboration avec l'Organisation Internationale de la Francophonie, la CONFEMEN et le Gouvernement Français.

**Imaginecole.africa:** [imaginecole.africa](http://imaginecole.africa)

**Tchad EducaTIC:** [tactileo.africa/sso/logon/Tchad-EducaTIC](http://tactileo.africa/sso/logon/Tchad-EducaTIC)

**Voir également:** Compensating the socioeconomic achievement gap with computer-assisted instruction [onlinelibrary.wiley.com/doi/abs/10.1111/jcal.12616](https://onlinelibrary.wiley.com/doi/abs/10.1111/jcal.12616)

**maskott.com**

Minerva's Virtual Academy is an award-winning British online independent school for pupils aged 12 to 18. Based in London, its pupils study the Cambridge British Curriculum in over 28 countries around the world, including the UK, France, Rwanda, Congo, Uganda, Kenya, Switzerland, and Italy. Pupils study from home or wherever suits them and choose from over 20 subjects at GCSE and A Level (British qualifications that are recognised by universities and employers all over the globe). Personal mentors support each child outside lesson hours. A dynamic weekly timetable includes Live Lessons, Virtual Assemblies, After School Clubs, Social Rooms, Wellbeing sessions, and an exciting co-curricular learning programme called World Changers that challenges pupils to come up with solutions to some of the world's most pressing problems. Twice a term, pupils attend non-compulsory school trips to cultural destinations across the UK to enrich their learning and deepen the friendships made online. The school plans to add meetups outside the UK in the near future.

Minerva's Virtual Academy is run by headmaster Lawrence Tubb, who taught at Wycombe Abbey (one of the UK's top private schools) for nine years, along with a team of outstanding teachers who've come together to re-define what's possible for virtual schooling in the 21st century.

**minervavirtual.com**

Nahdet Misr Group is a pioneering learning conglomerate that offers an array of integrated and innovative educational, digital learning and publishing solutions that include:

- Curricula & content development
- Professional development for educators
- Educational products and services for k-12
- Teaching Arabic as a foreign language
- Digital learning solutions
- Software development
- Vocational education solutions
- Cultural books and magazines
- Investment in Edtech startups

**www.nahdetmisr.com**

ReSkills is a subscription-based online learning platform allowing users to access unlimited top-quality daily live learning classes, videos, courses, talks, conferences, and materials at only USD1/month. Its mission is to make learning accessible and affordable for people everywhere. Its content covers Career Learning such as personal development, career enhancement, and business entrepreneurship, conducted in three languages (English, Chinese, and Malay). Also covered are Language Learning, Fitness, and Deaf Learning. Through its ONLIVE classes, learners can learn from experienced trainers from all over the region in real-time, and earn prestigious micro-certificates accredited by three international bodies. ReSkills' format allows for a two-way interactive, synchronous online learning environment, which has been proven to encourage greater knowledge absorption.

ReSkills also consists of nine other exclusive features: – OnLive, OnTheGo, OnDemand, Library, OnStage, OnFence, 1-on-1, Podcast, and Special. Each feature has been specially designed with different user needs in mind and covers a specific niche of today's diverse education industry. Its user-friendly interface integrates quality learning content with cutting-edge Artificial Intelligence (AI) technology to serve the different needs of learners, instructors, and organizations. The platform also regularly organizes social gatherings and meetups for learners to bond on their learning journeys together.

ReSkills is also the proud winner of many educational accolades, such as the 2022 Golden Bull Award in the Emerging SME category, and a Best Company Award at the Education 2.0 Conference in Dubai. Ultimately, ReSkills is devoted to increasing education standards worldwide and transforming Malaysia into a sophisticated global learning hub.

**reskills.com****Minerva's Virtual Academy****Nahdet Misr Group****ReSkills**

# Innovation Africa 2022 welcomes Government Multilateral Partners & Organisations



## Zambia Ministry of Education

The Ministry of Education is responsible for overseeing Early Childhood Education, Primary education, secondary education, colleges of teacher education and public Universities in Zambia. In addition to formal education system, there is a non-formal education system that operates to serve among others, persons with disabilities, displaced persons, school age children who have either dropped out of school, never attended formal school or geographically isolated children, orphans and children on the street and those working. The Ministry recognizes alternative approaches to schooling, which include: community schools and alternative education provision through interactive radio programmes, television programmes learning (technology enabled learning), open learning programmes and distance education programmes. In addition, literacy education to youths and adults is also provided.

## Zambia Ministry of Technology and Science

Zambia's Ministry of Technology and Science leads the country's drive towards digital transformation, connectivity and equitable access to ICTs for Zambia's citizenry. The Ministry also has oversight of the communications infrastructure and the 28 Zambian technical colleges. Key elements of the Ministry's mission include: The implementation of the digital economic transformation agenda which aims to position the republic of Zambia as key for partnerships and investments; Enhancing the role of science, technology and innovation by strengthening partnerships in research, innovation and technology development and adoption such as nuclear and space sciences; and enhancing the development of skills for the actualisation of the above.

## SMART Zambia Institute, Office of the President

The SMART Zambia Institute is a division in the Office of the President, charged with the responsibility of the management and promotion of electronic government services; facilitate access to electronic government services to improve service delivery to enhance citizens access to government services, coordination of e-government and ICT matters in public bodies. Vision: to be an effective SMART government institution enabling Zambia to be a prosperous and globally competitive knowledge-based country by 2030. Goal statement: to increase coverage, access and efficiency in the provision of information and communications technology and e-government services to contribute to sustainable national socio-economic development. To provide efficient, relevant and transparent e-services to the citizenry using affordable ICTs for the attainment of a SMART Zambia.

## Zambia Ministry of Commerce, Trade and Industry

The Ministry is responsible for formulating and administering policies as well as regulating activities in the trade and industrial sectors in order to enhance the sectors contribution to sustainable social economic growth and development for the benefit of the people of Zambia. In the context of Innovation Africa, for any organisation wishing to work in Zambia, meeting the Ministry of Commerce, Trade & Industry (MCTI) is essential for advice on working in the country and establishing local partnerships. The MCTI is effectively the one stop shop for international companies wishing to work in the education and technology sectors in Zambia and can provide advice on potential local companies with whom to partner.

## Zambia Ministry of Health

The Ministry aims to provide effective quality healthcare services close to the family as possible. This ensures equity of access to health service delivery and contributes to the human and socioeconomic development. The ministry also targets to attain Sustainable Development Goals on health and other national health priorities. Mission: To provide equitable access to cost-effective, quality healthcare as close to the family as possible. Key Principles: Primary Health Care (PHC) approach; Equity of access; Affordability; Cost-effectiveness; Accountability; Partnerships; Decentralisation and Leadership; Clean, Caring and Competent healthcare environment.

## Zambia Ministry of Tourism

The Ministry of Tourism was created on 10th July 2011 after realignment of Government Ministries by His Excellency Mr. Michael Chilufya Sata, the President of Republic of Zambia. This brought together the portfolio functions of tourism from former Ministry of Foreign Affairs and Tourism and the portfolio functions of Culture from the Ministry of Chiefs and Traditional Affairs. This was done in order to streamline and rationalise the functions and operations of the tourism and cultural sector. For all Innovation Africa delegates, the Ministry encourages taking time to explore the country's natural wonders and will be available throughout the event to provide further information.

### Zambia Ministry of Foreign Affairs

The Ministry of Foreign Affairs is responsible for the formulation and administration of Zambia's Foreign Policy. The Ministry is also responsible for the establishment and maintenance of Zambia's International Relations. The Ministry also coordinates the signing of treaties (Agreements and Conventions), pledges and contributions to the United Nations Agencies and other International Organisations. In the context of Innovation Africa, the Ministry provides invaluable protocol support and in ensuring a warm welcome to official summit delegates.

### Zambia Ministry of Transport and Logistics

The Ministry was created in September 2021, following the realignment of the mandate and functions of the Ministry of Transport and Communications. The Ministry of Transport and Logistics supports the planning of Innovation Africa and the provision of vehicles for ministers and government officials from across the continent.



### University of Zambia

The University of Zambia (UNZA) was established by Act of Parliament No. 66 of 1965. The first intake of students took place on 17th March 1966. The motto of the University, SERVICE AND EXCELLENCE has guided the development of the University since its inception. UNZA is situated in Lusaka on two campuses. The main campus is the Great East Road Campus and it is situated on the Great East Road, 6km from the town centre. The other campus is the Ridgeway Campus catering for the Medical School.



### Mulungushi University

Mulungushi University is one of Zambia's three public universities. It comprises three campuses: the Great North Road Campus, 26km north of Kabwe on the banks of Mulungushi River; the Kabwe Town campus located along Mubanga Road in the heart of Kabwe town; and the Livingstone Medical School.



UNIVERSITY  
of LUSAKA

### University of Lusaka

The University of Lusaka (UNILUS) is a private university that commenced its operations in 2007. In 2008 the university introduced its Bachelor Degree programs with the Copperbelt University and then in 2009 started offering its own programs. Today there are now over 7,000 students with over 1,000 studying Masters degrees and over 60 on PhD programs.



### Lusaka Apex Medical University

Lusaka Apex Medical University (LAMU) was incorporated in June 2008 by 8 indigenous Zambian professionals. The main aim of this initiative was to complement Government's efforts to train high quality human resource in the medical field. The establishment of Lusaka Apex Medical University has therefore full support of the National Authorities under the Public-Private Partnership arrangement. It pushes the bar upwards by focusing on relevant training in line with developments of technologies and techniques in the medical and health field globally. It brings in efficiencies associated with the private sector.



Aspire, Acquire, Prosper

### ZCAS University

The Government of Zambia established the Zambia Centre for Accountancy Studies (ZCAS) through an Act of Parliament (ZCAS Act No. 1 of 1989). Initially, ZCAS received donor support from the European Union, NORAD and DANIDA. For the last twenty-seven (27) years however, ZCAS has been fully self-supporting and reliant on the income received from its training and consulting services. In 2016, ZCAS incorporated a subsidiary, the ZCAS University as a Special Purpose Vehicle to enable it to develop, deliver and award academic degrees according to the provisions of the Higher Education Act.



### 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 Digital & Digitalisation

The Ministry of Digital & Digitalisation recognises the importance of digital skills in promoting career development for young people. Its aim is to raise digital skills in the country, improving internet accessibility and development of digital use. The mission of the Ministry of Digital Economy & Communications is to make Benin a digital services platform provider for West Africa and to use Information and Communication Technologies (ICT) as a catalyst for economic dynamics and the modernization of Benin to accelerate economic growth and social inclusion.

### Benin Ministry of Higher Education and Scientific Research

The ministry oversees all universities and the development of research and innovation in Benin. Higher education in Benin is characterised by very rapid growth in the number of public students (doubling in 5 years); a proportion of students per 100,000 inhabitants which stands at 1,215 well above the comparator countries and the highest in the WAEMU and ECOWAS areas; a private sector highly dependent on teachers from public universities; a strong disparity between boys and girls; a scholarship allocation system that does not take into account priority courses and students with special needs and from low-income families.



### Botswana Ministry of Education and Skills Development

The 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. It is a key priority of the Ministry that from an early age child experience quality learning that directs itself to the protection of all children's rights and by extensions the rights of all persons as well and the responsibilities arising from the enjoyment of such rights.



### 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.

### Cameroon Ministry of Scientific Research & Innovation

The Ministry of Scientific Research and Innovation is responsible for the development and implementation of the policy of scientific research and innovation. In this capacity, it is responsible for animation, coordination and control of scientific research throughout the country, for the promotion of economic, social and cultural development. The valuation, extension and exploitation of research results, in constant contact with all sectors of the national economy and government departments and agencies. The Ministry supervises the Institute of Agronomic Research for Development and Research Institutes.



### Côte d'Ivoire Ministry of State, Foreign Affairs

The ministry runs the diplomatic relations of the Republic of Côte d'Ivoire with other states. It has a specialist division responsible for Information Technologies and Systems to ensure that Cote d'Ivoire meets global standards of ICTs, and the country develops competitively in the global knowledge economy.



### Democratic Republic of Congo Ministry of Scientific Research and Technological Innovation

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.



### Ethiopia Ministry of Innovation and Technology

The Ministry of Innovation and Technology (MinT) is an Ethiopian government ministry responsible for science and technological development in Ethiopia as well as a governing body of communications. Vision: To see Ethiopia entrench the capacities which enable rapid learning, adaptation and utilization of effective foreign technologies by the year 2022/23. Mission of coordinating, encouraging and supporting science and technology activities that realize the country's social and economic developments. Affiliate organisations include: Ethiopian Technology and Innovation Institute; Ethiopian Radiation and Protection Authority; Ethiopian Space Science and Technology Institute; Ethiopian Biotechnology Institute; Geospatial Information Institute



### Adama Science and Technology University

Although it is an institution with a history of only two decades, Adama Science and Technology University (ASTU) is known for its dynamic past. It has always been responsive to the realization of national policies: training of technologists at its infant stage, and later shifting to training of technical trainers, as well as business educators, to fill the gap in TVETs. In addition to its main concern (academics), ASTU is also host of research Institutes and enterprises. In the main campus, apart from the Institute of Continuing and Distance Education (ICDE), there exist two others: the Further Training Institute (better known as FTI) and Adama Institute of Sustainable Energy. Following its renaming by the Council of Ministers as Adama Science and Technology University in May 2011, the university has started working towards the attainment of becoming a centre of excellence in science and technology.



### Gambia Ministry of Higher Education, Research, Science and Technology

The Vision of the Ministry is to play a central role in the transformation of The Gambia into a skills-based economy and knowledge society. Consistent with the Vision, the Ministry seeks to establish a tertiary and higher education system of reputable (world-class) institutions and centres of excellence that will produce well-educated and skilled citizens with the requisite competencies to lead fulfilled lives and compete nationally and globally. The goal of the Ministry is to provide equitable access to high-quality and relevant tertiary and higher education that is sustainable and responsive to national and global needs.



### Ghana Ministry of Education

The Ministry of Education is responsible for all policies on education, including apprenticeships and wider skills acquisition in Ghana. It works to provide education that ensure opportunity is equal for all, no matter what their background or family circumstances. The mission of the Ministry is to provide relevant education to all Ghanaians at all levels to enable them to acquire skills that will assist them to develop their potential in order to be productive, promotion of technology culture at all levels of society to facilitate poverty reduction and to promote socio-economic growth and national development.



### Guinea Ministry of National Education and Literacy

The mission of the Ministry of National Education and Literacy is to improve access and learning in basic education and literacy of the country. The main goals of the Ministry include: Improving the quality and relevance of teaching and learning at all levels; developing improved programs and training at technical, vocational, and higher education levels in line with national economic needs; and strengthening governance in the education sector by improving the efficiency of the system's management and reinforcing the decentralization process.



### Kenya Ministry of Education

The Mission of the Ministry of Education is 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. Its Vision is a globally competitive education, training, research and innovation system for sustainable development.



### 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 rationalizing and streamlining the management of all Government of Kenya ICT functions. The 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. The mission: To champion and harness ICTs to enable efficient and effective access in the delivery of public services.



### Kenya Teachers Service Commission

Its vision is to be an institution of excellence in the provision of efficient and effective service for quality teaching. Its mission is to establish and maintain a sufficient, professional teaching service for educational institutions. Employees are expected to demonstrate a high level of responsiveness to customer needs; Integrity's employees conduct themselves in a manner that demonstrates honesty, high moral and ethical standards, and commitment to work. This is in line to the aspirations of Chapter 6 of the Constitution, and the Code of Conduct and Ethics for Teachers; Innovativeness – employees endeavour to inject new ideas and approaches in service delivery; Team spirit – Commission employees are committed to working through cross-status and cross functional teams. All employees are equipped to handle work relationships and share new information with colleagues.



### Kiambu County Department of Education & ICT

The Mission of the Department of Education, ICT, Culture & Social Services is to empower the society through the provision of quality education and social services use of technology and promotion of cultural heritage. With the vision of building a dynamic and a multi skilled society actively participating in sustainable development. The Education, ICT, Culture and Social services Department mandate is: To enhance access, equity and quality services for all children from conception to 8 years; Promote and coordinate training and research for sustainable development; To promote gender equality and freedom effectively and efficiently from discrimination of all persons; To improve the quality of life for all Kiambu people by targeting a cross-section of human, cultural and social welfare projects and programmes.



### Lesotho Ministry of Education & Training

The mission statement of the Ministry of Education & Training 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. 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.



### 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 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. The mission of the Ministry of Education is to provide quality education for all and prepare future leaders who can handle the task of nation building, protecting our national heritage and enhancing the socio-economic growth and development for the sustenance of the Liberian state.



### Madagascar Ministry of Higher Education & Scientific Research

The Ministry of Higher Education and Scientific Research 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. 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. 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 Ministry of Education, Tertiary Education, Science and Technology

The vision of the Ministry is: 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 Education & Human Development

The Ministry of Education is the central organ of the State apparatus which, in accordance with the principles, objectives and tasks defined by the Government, plans, coordinates, directs, and develops activities in the field of education, contributing to the raising of patriotic awareness, the strengthening of the national unity of Mozambicans. The responsibilities of the Ministry include: Education policy formulation; Training and qualification of citizens, giving them scientific, technical and cultural knowledge and ensuring increasing access to science and culture; Expansion of access to Education and Vocational Technical Training; Promoting scientific, technological, social and cultural research in educational institutions; Improvement and constant updating of the quality of education, based on the advancement in science and technology.

### Mozambique Ministry of Science & Technology and Higher 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 Higher Education, Technology & Innovation

The Ministry was newly created in 2015. As part of Namibia's Vision 2030, higher education, vocational education and training as well innovation are strategic for national development, and in particular for the attainment of national development aspirations are key priorities. The focus of the higher education sector is to provide skilled professionals and technical human resources for Namibia. The Ministry regards it as critical that Namibia aligns human resources output to national developmental plans and the needs of the economic and industry sectors. Namibia's long term aim is to transform its economy into a knowledge-based society. This will enable the country to create high value jobs and prosperity for all Namibians. Namibia aims to improve its ranking on the WIPO/ INSEAD's Global Innovation Index.

## Namibia Ministry of Information and Communication Technology

In April 2008, H.E. the President established the Ministry of Information and Communication Technology (MICT) by merging the Ministry of Information and Broadcasting and the Communication section from the Ministry of Works, Transport and Communication. The Ministry of ICT is responsible for the Information Technology, Telecommunications, Broadcasting, media and postal sectors in Namibia. The mandate of the Ministry of Information and Communication Technology, in accordance with the Constitution of the Republic of Namibia, is to: Lay the foundation for the accelerated use and development of ICT in Namibia, and Coordinate information management within Government. The mission is to develop and promote ICT growth and render effective information services to the Namibian society with the vision of being a world class institution in creating an inclusive information society.



## Niger Ministry of Higher Education

The Ministry of Higher Education, Research and Innovation is the Government ministry that is responsible for determining the policies and direction of the higher education system in Niger. There are five universities in Niger. The first and biggest, the Abdou Moumouni University in Niamey was founded as the University of Niamey in 1974. The Islamic University of Niger in Say was opened in 1986. In 2008, two public universities, the University of Zinder in Zinder and University of Maradi in Maradi were created. In 2010, the University of Tahoua or Université de Tahoua was created in Tahoua. In 2014, it was announced that four additional universities will be created in Agadez, Diffa, Dosso and Tillabéri.

## Niger Ministry of National Education

The government of Niger is focused on improving the long run performance of the education sector through launching several major reforms. The education & training sector plan for 2014-2024 reaffirms the commitment of the government to making education and training a priority. The plan outlines a series of priorities, including: Improve the quality of basic education by introducing mother tongue instruction in early grades, bettering pedagogical supervision, and increasing the supply of teaching and learning materials; Continue the recruitment of state-paid contract teachers and decrease reliance on civil service teachers; Establish a new recruitment and redeployment strategy to relocate teachers to rural areas; Develop incentive programs to increase girls' enrollment and retention; Improve the learning environment through curricula revision, decreasing the pupil/teacher ratio, and producing contextualized materials; Implement a literacy and non-formal education program to reach those who have never attended school or have dropped out.

## Niger Ministry of Technical Education and Vocational Training

In accordance with the French-speaking professional training and technical training that took place in Bamako in May 1998, Niger embarked on a process of reorganizing vocational and technical education and training (VET). With this in mind, a workshop on EFPT sectoral policy was organized in 2004 to decide on the creation of a ministerial department in charge of TVET. Thus, the Ministry of Vocational and Technical Training in charge of Youth Employment (MFPT / E) was created in 2005 under the 5th Republic.



## 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. The mandate of the Ministry is to 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.

## Nigeria Federal Ministry of Science, Technology and Innovation

The Ministry's mission is to facilitate the development and deployment of science and technology apparatus to enhance the pace of socio-economic development of the country through appropriate technological inputs into productive activities in the nation. Key activities include: Formulation, monitoring and review of the National Policy on Science, Technology and Innovation to attain the macro-economic and social objectives of Vision 20:2020 as it relates to science and technology; Acquisition and application of Science, Technology and Innovation contribution to increase agricultural and livestock productivity; Increasing energy reliance through sustainable Research and Development (R&D) in nuclear, renewable and alternative energy sources for peaceful and development purposes; Promotion of wealth creation through support to key industrial and manufacturing sectors; Creation of Technology infrastructure and knowledge base of facilitate its wide application for development; Ensuring the impact of R&D results in the Nigerian economy through the promotion of indigenous research capacity to facilitate technology transfer.

## Cross River State Education Commission

Cross River is a State in South Nigeria, bordering Cameroon to the east. The capital is Calabar. The Education Commission is committed to delivering quality education at all levels. The newly established Teachers Continuous Training Institute, TCTI, in Biase, Cross River State, which kicked off last year is set to be a leading teacher educational institution in Nigeria with capacity to retrain 500,000 Primary and Secondary School teachers in Nigeria. Cross River State is made up of 18 Local Government Councils.





### Delta State Education Commission

Delta State is a state in the South-South geopolitical zone of Nigeria. Named after the Niger Delta, state was formed from the former Bendel State in 1991. The State has 25 local government areas. Asaba as its state capital is located along the River Niger. Vision: provide unfettered access to Basic Education to all Children of Pre-Primary, Primary and Post Primary schools age for a qualitative, functional and free education that will equip them for purposeful living. Mission: To ensure the provision of qualitative, functional free and compulsory education to all children of school age, irrespective of religion, sex, culture and disability including the 2nd chance (Adult) Learners.



### Lagos State Education Commission

Lagos, known as 'Centre of Excellence', is a state in the western part of Nigeria and is currently estimated to be the second fastest growing city in Africa (7th fastest in the world). Lagos State sees at education as "the only veritable tool of socio-economic development, and the only legacy worth bequeathing to our children". The Ministry of Education aims to positively influence and reshape the present educational system in the state with a view to improving capacity and performance outcomes by redirecting and optimizing resources, designing effective policies, setting time lines in order to maximize educational excellence and progressively move towards the attainment of the desired quality education standards.



### Republic of the Congo Ministry of Posts, Telecommunications and Digital Economy

The Congolese Government, through the Ministry of Posts, Telecommunications and the Digital Economy, has developed a national strategy for the development of the digital economy in line with international recommendations and with the objective of making digital technology a major lever for business competitiveness, Congo's attractiveness in terms of direct investment and economic diversification. It is the implementation of the Head of State's society programme "The march towards development", particularly in the ICT sector, whose vision is "to link Congo to the development of digital technology". This strategy, based on an integrated vision of long-term development, is based on three pillars: 1) the e-citizen: services to the general public; 2) e-government: services to government and public administrations; 3) e-business: services and content for companies.



### Rwanda Ministry of Education

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 Ministry of ICT and Innovation

The Ministry has the mission to address national priorities relating to economic growth and poverty reduction through development and coordination of national policies and programs related to information, technology, communication and innovation as well as citizen's empowerment. The Ministry of Information Communication Technology and Innovation has a mission of addressing national priorities for economic growth and poverty reduction through development and coordination of national information technology, communication & Innovation policies and programs as well as citizen's empowerment.



### Coventry University in Rwanda

Coventry University's Africa Hub opened in 2021, aiming to establish strategic partnerships with organisations in Sub-Saharan Africa, supporting their global aspirations. Enterprise and Innovation: facilitating a range of continuous professional development (CPD) courses, commercial research, IP commercialisation and knowledge exchange activities. Research: Focussing on a range of real-world issues. Academic Partnerships: Coventry University operates globally, having already built several successful multi-disciplinary partnerships. With a wealth of experience in teaching and learning, student mobility, research and enterprise development, we are seeking to work with other innovative and enterprising academic institutions who share the same desire to deliver excellence in education. Education and Student Experience: Providing access to a pool of talented students.



### 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. 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 2013 – 2025 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".





### Sierra Leone Ministry of Basic and Senior Secondary Education

The mission of the Sierra Leone Ministry of Education is to provide opportunities for children and adults to acquire knowledge and skills, as well as nurturing good attitudes and values for economic growth. The vision of the Sierra Leone Ministry of Education is to have an appropriately educated entrepreneurial and innovative citizenry, tolerant, productive and internationally competitive by 2030.

### Sierra Leone Ministry of Information & Communications

The Sierra Leone Ministry of Information and Communications is the public entity charged to disseminate government policies and programmes and to oversee government's ownership interest in the ICT Sector. The Ministry has two distinct mandates: To bridge the communications gap between government and citizens (Information Directorate): To provide enabling environment for productivity in the ICT Sector (Communications Directorate). The overarching vision of the Ministry is to have a digitally inclusive society with synergy between the people and the state. Implementation of the Ministries strategic goals and policy objectives reaffirms the Government's digital inclusion agenda, the AU 2063 aspirations and the UN agenda 2063 Development goals.

### Sierra Leone Ministry of Technical and Higher Education

The Ministry aims to provide the enabling environment to build the capacity of individuals with the relevant knowledge and skills to meet the social and economic needs of families, communities and the society, while providing oversight to all higher educational institution, striving for excellence, professionalism and integrity. The Ministry offers opportunities for students to access institutions of higher learning through a government Grant in Aid and will soon launch a student loan scheme; also offering a platform for students to access international scholarships in our website followed by a rigorous and transparent screening process. The ministry is committed to increase enrolment and retention in the technical and vocational institutions by improving existing structures and developing new ones; and also preparing to transform the middle level manpower as a powerhouse for entrepreneurs to move this nation forward.



### 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 Communications and Digital Technologies

The vision of the ministry is to be a leader in enabling a connected and digitally transformed South Africa. This mission is to drive South Africa's inclusive digital transformation journey through creating an enabling environment towards a digital society to foster socio-economic growth. Key ICT programs support policy development and research; infrastructure development and support; information society and capacity development; enterprise and public entity oversight.

### 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.



### Gauteng Province, Education Department

The vision of the Gauteng Department of Education is to ensure that all learners in Gauteng do well at school and leave their institutions with the values, knowledge, skills and qualifications that will give them the best chance of success in their adult lives. The Department's mission is to ensure that quality learning and teaching takes place in the classroom every day. Strategic goals are to ensure that Gauteng has effective schools and learning institutions; provide relevant, coordinated and effective support; enable young people to make the transition from school to further education and/or work that provides further training opportunities; and strengthen partnerships with all stakeholders, resulting in education becoming a priority in society.



### Sci-Bono Discovery Centre (Gauteng)

The Sci-Bono Discovery Centre, Southern Africa's largest science centre, is affiliated to the Gauteng Department of Education to support maths, science and technology education and to help build to South Africa's science, engineering and technology capacity. Sci-Bono is responsible for implementing the Gauteng Mathematics, Science and Technology Education Strategy. Sci-Bono started as a partnership project of the Gauteng Department of Education and various private sector partners. Sci-Bono is a Non-Profit Company funded by its principal, the Gauteng Department of Education, It also benefits from grants and donations from donors in the broader public and private sector. Sci-Bono is also supported by various scientific and engineering bodies in industry and by the diplomatic community in South Africa.



### Orbit College

Vision: A global institution of excellence, surpassing community needs. Mission: To provide high quality Education and Training that is affordable, relevant, learner-centred and that contributes to the total development of individuals through: the optimal utilisation of resources; creative and innovative modes of delivery; skilled staff and community upliftment. Orbit College is undergoing integration in the artificial intelligence space.



### South Africa, North West Province Department of Education

The North West Department of Education & Sport Development is responsible for public schooling in the province from Grades 1 to 12. It provides various specialised education services and subsidise Grade R and adult education. Primary objectives are to build foundations in literacy and numeracy in primary school, improve learner pass rates, and to improve the number and quality of our matric results. Vision: Towards Excellence in Education & Sport Development. Mission: We Provide Quality Basic Education for High Learner Achievement through Educator Excellence as well as Sport Development, Nation Building and Social Cohesion. Excellence: We move beyond compliance by going an extra mile. Innovation: We will continually strive for better and new ways of doing things. People-centred: People are the department's strength. Communication: We share information in a responsible and transparent manner. Integrity and Honesty: We respond to our fellow employees and other stakeholders with honesty, fairness and respect.



### Sudan Federal 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 (2012-2014). Sudan is currently implementing its sector strategy for 2015/16-2016/17 and will soon commence the development of a full education sector plan covering 2017-2021. 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.



### Uganda Ministry of ICT and National Guidance

The Ministry of Information and Communications Technology and National Guidance (ICT & NG) is a Government Ministry providing strategic and technical leadership, overall coordination, support and advocacy on all matters of policy, law, regulation and strategy for the ICT sector. The Uganda Ministry of ICT is mandated to: Formulate, Implement Policies of Information and Communications Technology; Sustain, manage and oversee Information and Communications Technology infrastructure in Uganda; Regulate and Quality Assure Information and Communications Technology services; and negotiate, conclude and implement bilateral and multilateral agreements regarding Information and Communications Technology in Uganda.

### Uganda Ministry of Science, Technology and Innovation

The Ministry of Science, Technology & Innovation (MoSTI) is a government institution which was created in June 2016 in recognition of the need by Government to explicitly prioritize issues relating to the Science, Technology and Innovation (STI) as a key driver for Economic Development. It is mandated to provide overall guidance and coordination for scientific research, development and the whole National innovation System in Uganda. The mission of the MoSTI is 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. MoSTI has three (3) directorates which include: Science, Technology and Innovation Regulation; Science, Research and Innovation; and Techno-prenuership.



### Zimbabwe Ministry of Information Communication Technology and Courier Services

Mission: transform Zimbabwe through use of information and communication technologies into a knowledge based society so as to enhance the country's competitiveness in the world in order to stimulate and sustain economic growth. Key functions include: Create an enabling environment for creation of an e – knowledge based society that transgresses across all levels of society; Developing, in conjunction with the relevant ministries, a strong ICT human resource base in the country; Champion, promote and coordinate national ICT research and development of cost effective software, hardware and infrastructure so that it reaches best international standards; Develop supportive and enabling infrastructure to ensure equitable access to ICTs by all citizens including disadvantaged groups and rural communities; Conduct and support research on the availability, use and impact of ICT across all sectors of the economy; Create a conducive environment for investment in the areas of ICTs through public private partnerships in all sectors; and Developing and maintaining international links that ensure early and timeous adoption of new developments in ICT.

### Zimbabwe Ministry of Higher & Tertiary Education, Science and Technology

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 Primary and 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.

**Aliko Dangote Foundation**



### Aliko Dangote Foundation

The Dangote Foundation is dedicated to adding value to people's lives across Africa by facilitating health, education and empowerment initiatives. Aliko Dangote Foundation (ADF) is the private charitable foundation of Aliko Dangote. Incorporated in 1994, as Dangote Foundation, with the mission to enhance opportunities for social change through strategic investments that improve health and wellbeing, promote quality education, and broaden economic empowerment opportunities. 20 years later, the Foundation has become the largest private Foundation in sub-Saharan Africa, with the largest endowment by a single African donor.

**EdTech Hub**

### EdTech Hub

EdTech Hub is a global non-profit research partnership, with the aim of empowering people by giving them the evidence they need to make decisions about how to effectively deploy technology in education systems. The belief is that technology has the potential to help solve the global learning crisis, but that potential is not being realised. Common challenges faced by policymakers and decision-makers include finding relevant and accessible evidence. As a global partnership the EdTech Hub seeks to make their evidence available and accessible to those who are looking for Edtech solutions worldwide.

**GPE 20 YEARS**  
Transforming Education

### Global Partnership for Education (GPE)

GPE is the largest global fund solely dedicated to transforming education in lower-income countries, and a unique, multi-stakeholder partnership. We work to deliver quality education so that every girl and boy can have hope, opportunity and agency. For nearly two decades the GPE has been delivery funds and supporting solutions to build strong and resilient education systems so that children in lower-income countries, especially girls, get the education they need to thrive and contribute to building a more prosperous and sustainable world. GPE supports partner countries to develop their own pathway to transform their education system by identifying key challenges, implementing priority reforms and aligning all stakeholders to achieve results. The GPE Knowledge and Innovation Exchange (KIX) is an exciting way to connect the expertise, innovation and knowledge of GPE partners to help lower-income countries build stronger education systems. Education Out Loud is GPE's fund to support civil society activities and influence in shaping education policy to better meet the needs of communities, especially of vulnerable and marginalized populations.

**UbuntuNet Alliance**

### UbuntuNet Alliance

UbuntuNet Alliance is a membership organisation of National Research and Education Networks (NRENs) in Eastern and Southern Africa. It collectively seeks to facilitate access by the region's knowledge communities to their and global research and educational resources and enable and proactively supporting research collaboration for the digital transformation of the higher education and research sectors. This direction is in direct support of Africa Agenda 2063, specifically Aspiration 1, "A prosperous Africa, based on inclusive growth and sustainable development" and Aspiration 6 "An Africa whose development is people driven, relying on the potential offered by African people, especially its women and youth, and caring for children". Research and innovation, catalysed through enhanced regional collaboration, has a strong potential to spur inclusive and sustainable socio-economic development. UA and member NRENs actions in supporting their knowledge communities contribute to national and continental realisation of the Sustainable Development Goals (SDGs), primarily SDG 4.

**unesco**  
Global Education Monitoring Report

### UNESCO Global Education Monitoring (GEM) Report

Achieving the fourth Sustainable Development Goal (SDG 4) on education requires sound evidence and analysis to support policy-making, facilitate the sharing of good practice, and hold those responsible to account for fulfilling their commitments. The Global Education Monitoring Report (GEM Report) is the global public good that serves this purpose. Established in 2002, the GEM Report is an editorially independent report, hosted and published by UNESCO. At the 2015 World Education Forum, it received a mandate from 160 governments to monitor and report on: progress on education in the SDGs and the implementation of national and international strategies to help all relevant partners to account for their commitments, as part of the overall SDG review process. The annual GEM Report is based on multiple sources of data, which enables it to provide a macro view of education issues. Consultation is ongoing for the 2023 edition which will focus on the use of technology in education. The GEN Report team continues its Spotlight series on African countries. The 2022 focus countries being: Senegal, Ghana, Democratic Republic of Congo, Rwanda, Mozambique. The 2023 Spotlight countries are: Niger, Mauritania, Zambia, South Africa. Angola, Uganda

**WORLD BANK GROUP**

### World Bank

The World Bank Group works in every major area of development, providing a wide range of financial products and technical assistance to help countries share and apply innovative knowledge and solutions to meet the challenges they face. The World Bank is the largest financier of education in the developing world; committed to helping countries reach SDG4: access to inclusive and equitable quality education and lifelong learning opportunities for all by 2030. Education is a human right, a powerful driver of development, and one of the strongest instruments for reducing poverty and improving health, gender equality, peace, and stability. For societies, it drives long-term economic growth, spurs innovation, strengthens institutions, and fosters social cohesion. Developing countries have made tremendous progress in getting children into the classroom and more children worldwide are now in school. Making smart and effective investments in people's education is critical for developing the human capital that will end extreme poverty.

# Innovation Africa 2022

## Young Innovators

### Agri-predict

Cassandra Mtine

This is an artificial intelligence prediction system that is harnessed in agriculture as a risk and disaster management tool. The lack of access to timely agricultural information for most farmers, especially the majority in the rural areas, has for a long time posed a threat to their yields. Agri-predict provides cutting edge tools to help farmers manage risks such as droughts, pests and diseases. The project has partnered with SNV Zambia and Bongohive Innovation Hub among other organisations. The project has won several start-up awards including the Slush GIA showcase in Helsinki. Key development areas for the project include a grant funding from SNV Zambia of 10,000 euros, launching of the USSD and android application for farmers in eastern province – they are currently conducting trainings and workshops to over 350 lead farmers on the use of the USSD and android app. The project leaders have also set up five (5) weather stations in five areas of eastern province (Mwase, Vulamukoko, FTC Katete, FTC Lundazi and Kagoro) to get better weather accuracy for clients.

### Asikana Network

Regina Mtonga  
Cynthia Mulenga

Asikana Network empowers young women and equip them with ICT skills to help them in their various fields. They believe partnering with organisations from the private sector will help achieve their goals. It has empowered over 30,000 young women in Tech across Zambia and is run by young Zambian women.

### Billy's Electronics ARV's Medicine Dispensing Machine (BEAMDAM)

Billy Munyenymbembe

BRIISP Medicine Dispenser is a machine for dispensing drugs remotely by medical personnel as per prescription. It dispenses drugs for ailments including (but not limited to) ARVs & TB medication.

### Dawa Health

Tafadzwa Munzwa

Dawa Health is DawaMom mobile application which is aimed at supporting pregnant mothers with the privilege of checking their medical parameters like blood pressure, urine protein levels and pregnancy-induced diabetes. The features on the DawaMom app include weekly advisory information aimed at empowering mothers to make informed decisions and they also include links to a variety of doctors. The project is currently fully operational and on the market. The project promoters, through the support from ZICTA, were able to procure Dawa health self-monitoring kits such as pregnancy test kits, blood pressure monitors, urinalysis strips, latex gloves etc. which are very key in the work of the health project. The Unit also facilitated the procurement of a professional camera to enable the project develop professional marketing and advertising content such as video ads etc.

### Digital-Agric and Toursim

Abel Bihinda

The Ecommerce will allow farmers to login and advertise their own products and the system will also be able to facilitate agriculture shows which will be virtual and will allow even farmers in remote areas to showcase their products.

### E-Msika

Gilbert Mwale

E-Msika is an Agri-tech start-up that is providing various support services to farmers. The business is primarily aimed at helping farmers buy and receive agriculture inputs as well as access markets for their produce. The business promoters also provide training/consultation services to farmers on best farming practice for various crops and weather patterns. The Authority provided financial support to assist towards the scale-up of the project. The Emsika project is currently successfully operating on the market. The financial support offered was mainly directed towards professional marketing campaigns to enable them improve their brand visibility and customer reach. The project has since recorded an increase in their client base as well as income generation by over 100%.

### Ekamo

Jerrix Nkhata

Ekamo is a digital mobile wallet that is integrated with a digital shared market platform bringing service providers in one pool place where customers can access them at once without switching in between payment options. This FinTech has also developed an e-bus ticket platform that helps customers to conveniently book and buy their bus ticket online. The online purchase saves time for customers.

### Insaka

Jessy Mukandi Siame  
Petra Chikasa

We are building a platform that allows people to use the internet to live an enriched social life. The Insaka journey started with us exploring the gap between traditional social media tools and the social life we want to lead. Through focus groups comprising of group leaders, event organisers, and individuals, we realised that we are far from alone in thinking that a social life is way more than social media. We couldn't find one app that did it all, so we decided to build it. If you're looking for more fulfilling and efficient social experiences, this is a great place to start.

### MedSearch Zanga Musakuzi

Medsearch is a Zambian app that is designed to simplify healthcare service provision. It is a mobile healthcare service locator that allows you to; find pharmacies/ healthcare services and the medication currently in stock, have access to directions to those healthcare service providers, prioritise pharmacies/healthcare service providers closest you, access information relating to the expected price of the medication/service, book an appointment, buy medication and have it delivered to your door step.

### Netagrow – Artificial Intelligence Agricultural Monitoring system Nchimunya Munyama

A better and cheaper alternative to expensive irrigation computers. Powered by a microcontroller. The sensors used are temperature and humidity sensors, light sensors, and soil moisture sensors.

### Network Booster Newsly Manda

The study of the Network booster was sought to address the problem of poor network coverage, faced by people in most parts of Zambia, particularly in rural areas

### Patumba Mwangala Mwiya

The Patumba project is a mobile based digital savings/ investment service where subscribers can save/invest as low as K1 from their mobile phone for a minimum period of 90 days. The project was enrolled onto the programme in its infancy stages and is now a fully-fledged business that has partnered with all three (03) mobile network operators in Zambia. The Patumba project have also, through the financial support awarded to them by the Authority, grown their subscription base by over 100%. The Authority also facilitated for the business' acquisition of a stock brokerage license from the Lusaka Stock Exchange Commission LuSE. The business now offers additional services such as stock trading, bond trading and commodities trading among other services.

### Period Comforter (PEC) Retiana Tiyamike phiri

The period Comforter (PEC) is a device that is in three parts; the head device, the body suit and the bracelet. This device is used to ease or help reduce the pain felt during a woman's monthly period, urinary tract infections and other muscular or physical stress.

### Sharex Edwin Mushabati

The project focuses on a convenient trading site on which people can buy company shares throughout the SADC Region, while being given a brief education on the company whose shares they would like to purchase.

### Smart Revision Chabu Muchinshi

Smart Revision is an eLearning platform on the market that provides suggested solutions to the Examinations Council of Zambia past papers. It also provides video lessons, text books as well as revision tips. The project has over 20,000 clients signed up on tier platform and has partnered with Zamtel, ECZ, and Ministry of General Education. With the 20,000 subscribers the project is making excellent revenues through the following charges K10 per month for G7, K20 per month for G9, and K30 per month for G12.

### The School Connect + Peter Nkandu

School Connect+ is a web-based educational platform which is aimed at helping teachers to offer tuition to learners, and for learners to interact academically among themselves.

### The Solar Re-chargeable Car Chimfwembe Mkandawire

The project is based on building a demo hybrid solar powered car which uses solar and electric energy, resulting in reduction of fossil fuel usage, thereby controlling pollution

### The Youth Opportunities Portal Adam Njobvu Tony Sikaneta

A central repository for Youth Opportunities from Government, the Private Sector, and Cooperating Partners. This innovative approach to integrating regional, national, and international opportunities in one space has received early stage funding from the UK and Zambia and is working in partnership with the Ministry of Youth, Sport, and Art, as well as the Office of the President – Gender Division, and Smart Zambia Institute

### Thermal Electric Cooler Benard Kamfuli

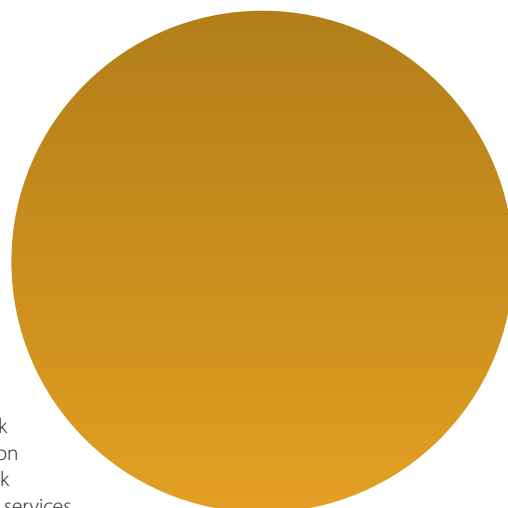
Peltier Powered Electric Cooler that uses the concept of thermal energy. The peltier module uses a temperature gradient to make one side of the cooler cool and the other hot.

### Union54 Perseus Mlambo

Union54 is a fintech startup that claims to be Africa's first card issuing API, which provides transaction processing services via their Mastercard Principle membership.

### Zambia Flying Labs (3rd Year University of Students) Chilufya Maseka Gabriel Sinyinza

All students part of Zambia Flying Lab Student Chapter and team working on the low cost solutions which include (I) fixed wing drone which is a done and can fly (reverse engineering, programming and assembly). (ii) Quadcopter which is the current pilot project been worked on under the mentorship of other young minds (using reverse engineering, programming, 3D design and printing of components, and assembly). (III) Future plans to build a pesticide/herbicide spraying drone.











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