

UK, Kenya – Higher Education Roundtable Discussion

Jumeirah Carlton Tower, 1 Cadogan Place, Belgravia, London
Friday 8 March 2019, 1200 – 1400

Contact

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Agenda

1145	Arrival	
1200	Opening remarks	Cabinet Secretary, Ministry of Sports Culture and Heritage and immediate former Cabinet Secretary for Education
1210	Opening remarks	Professor David Pilsbury, Chair, UUKi Pro-Vice Chancellor Network
1220	Introductions	All participants
1235	<u>Roundtable discussion</u> 1235: Research and innovation 1300: Student mobility 1325: Transnational education partnerships	
1345	Closing remarks	Cabinet Secretary, Ministry of Sports Culture and Heritage and immediate former Cabinet Secretary for Education

Participants

Name	Position	Institution
UK Representatives		
Professor Kara Hanson	Dean, Faculty of Public Health and Policy	London School of Hygiene and Tropical Medicine
Sue Hopkinson	Assistant Director, International Recruitment	University of Kent

Professor Kevin Ibeh	Pro-Vice Master, International, and Chair, UUKi Sub-Saharan Africa Network	Birkbeck, University of London
Professor Brad MacKay	Vice Principle (International)	University of St Andrews
Professor Robin Mason	Pro-Vice Chancellor (International)	University of Birmingham
Professor David Mba	Ppr-Vice Chancellor and Dean for Computing, Engineering and Media	De Montford University
Professor Robert Mokaya	Pro-Vice Chancellor, Global Engagement	University of Nottingham
Professor Washington Y. Ochieng	Professor in Positioning and Navigation Systems	Imperial College London
Professor Funmi Olonisakin	Vice-Principle International and Director, Kings African Leadership Centre	Kings College London
Dr David Pilsbury	Deputy Vice-Chancellor (International Development), and Chair, UUKi Pro-Vice Chancellor Network	Coventry University
Professor Cillian Ryan	Pro-Vice Chancellor (International)	Nottingham Trent University
Stephen Williams	NTU Global, Director	Nottingham Trent University
Vivienne Stern	Director	Universities UK International
Lucy Shackleton	Head of International Engagement (non EU)	Universities UK International
Richard Grubb	Senior Policy Officer, sub-Saharan Africa	Universities UK International
Kenyan Representatives		
Amb. (Dr.) Amina C. Mohamed EGH, CAV	Cabinet Secretary, Ministry of Sports Culture and Heritage and immediate former Cabinet Secretary for Education	Kenya
Prof. Collette A. Suda, PhD, FKNAS, CBS,	Chief Administrative Secretary and Principal Secretary, Ministry of Education, Kenya	Kenya
H.E Mr. Manoah Esipisu, MBS	High Commissioner of Kenya to the United Kingdom	Kenya High Commission
Mrs Dorothy Kamwilu	Education Attaché	Kenya High Commission
Dr. Walter Juma Ongeti	Advisor; Governance, Research and University	Kenya

	Education in the Office of the Cabinet Secretary	
Mr. Darius Mogaka Ogutu	Director of University Education, State Department for University Education and Research	Kenya
Professor Mary K. Walingo	Vice-Chancellor	Maasai Mara University
Professor Stephen G. Agong'	Vice-Chancellor	Jaromogi Oginga Odinga University of Science and Technology
Professor Joseph Bosire	Vice-Chancellor	Masinde Muliro University of Science and Technology
Professor Isaac Sanga Kosgey	Vice-Chancellor	Moi University
Professor Victoria Ngumi	Vice-Chancellor	Jomo Kenyatta University of Agriculture and Technology
Professor Julius O.Nyambundi	Vice-Chancellor	Maseno University
Professor Fred Simiyu Barasa	Vice-Chancellor	Taita Taveta University
Dr Nicholas Leting	Vice-Chancellor	Management University of Africa
Dr Bibianne Wanja Waiganjo Aidi (VC Rep.)	Deputy Vice-Chancellor	Mount Kenya University
Dr Kipkurui Langat	Director General	Technical & Vocational Education Training Authority

UK Participant Biographies

Professor Kara Hanson, Dean, Faculty of Public Health and Policy

London School of Hygiene and Tropical Medicine



Professor Hanson's training is in development economics and health economics, and she has worked on health systems organisation and financing, mostly in sub-Saharan Africa, since 1988. She did her doctorate at the Harvard School of Public Health and joined LSHTM in 1997.

Professor Hanson lectures on Economic Analysis for Health Policy in Term 2 and on the MSc in Public Health for Development. Her research degrees students are studying topics including health system resilience, costs and effects of delivering public health services, approaches to measuring progress towards Universal Health Coverage, and service integration.

Sue Hopkinson, Assistant Director, International Recruitment

University of Kent



As Assistant Director of International Recruitment, Sue supports the Director on all aspects of overseas recruitment for the University, working with schools and other support services towards growth in Kent's international registrations and a smooth student journey. She has particular responsibility for managing the international officer team and international scholarships and strategy at Kent, in addition to being a liaison point in International Recruitment for issues pertaining to admissions, compliance and English language waivers.

Sue also plays a key role in overseas student recruitment to the UK from East Africa, organising the annual UK Universities Exhibitions in Tanzania and supporting UK universities in Kenya and Botswana. Sue's role involves regular travel to East and Southern Africa, Mauritius, Malaysia and Singapore, with occasional visits to West Africa, Thailand, and Indonesia.

Sue has over 20 years of experience in higher education administration and management, with a background in modern languages and student support for language learning. Prior to her current role, Sue held the posts of International Officer and Senior International Officer at Kent, covering regions including Turkey, Russia, Ukraine, Malaysia and Singapore.

Sue originally came to Kent in 2002 as Communications Officer for the UK Socrates-Erasmus Council, which was based at the University. Her role involved the promotion of the Erasmus scheme and other EU educational initiatives to the UK HE sector, and the overseeing of the funding of, and reporting on, UK Erasmus activities to the UK government and the European Commission.

Professor Kevin Ibeh, Pro-Vice Master, International, and Chair, UUKi Sub-Saharan Africa Network

Birkbeck, University of London



Kevin Ibeh, PhD, FCIM, FRSA, is Professor of Marketing and International Business and Pro Vice Master (International) at Birkbeck, University of London. He is also Deputy Dean for Reputation Enhancement at the School of Business, Economics and Informatics.

Recently Chair/Organizer of two major International Business/Entrepreneurship Conferences, Professor Ibeh has had professional stints in the US, Canada, Germany, China, Finland, Spain, Singapore, Bahrain and Oman, and has presented to academic, practitioner and policy audiences around the world.

His research has mainly focused on advancing knowledge of how non-dominant firms, including SMEs, leverage growth opportunities in international markets. He is considered a leading authority on emerging African Multinational Enterprises and is regularly invited to speak on this and other topics at major international meetings. Professor Ibeh has undertaken consulting/advisory roles for a range of international organisations, including the World Bank Group, the OECD, Scottish Enterprise, Danish Ministry of Foreign Affairs, and Department of Trade and Investment of Northern Ireland. Professor Ibeh currently serves (or has served) as external examiner/assessor in Poland, Finland, Australia, New Zealand, Canada, China, Ghana, Malaysia, Nigeria, UK, and USA. He is Fellow of the Royal Society of Arts, Chartered Institute of Marketing, a former Commonwealth Scholar, among others. He sits on the editorial advisory board of several international journals and is currently guest editor for three major scholarly journals and Lead Series Editor of Palgrave Series on Entrepreneurship in Africa. Author of over a hundred academic papers, Professor Ibeh's work has appeared in the *Journal of World Business*, *British Journal of Management*, *International Business Review*, *Journal of Business Research*, *Management International Review*, among others. He has also published four books, the latest of which appeared in 2017.

Professor Ibeh also Chairs the UUKi sub-Saharan Africa Policy Network. The network brings together senior representatives from UK higher education institutions with a working interest in the sub-Saharan Africa region. The Network acts as a professional community within which members can learn more about opportunities for higher education and research engagement in sub-Saharan Africa and play a critical role in helping to shape UUKi's policy work relating to the region.

Professor Brad MacKay, Vice Principle (International)
University of St Andrews



responsibility for the English Language Teaching unit.

Responsibilities of the Vice-Principal (International Strategy and External Relations) include; oversight and development of the University's international strategy in the post-Brexit era; development and management of practices and policies related to strategic relationships national and international relations with government ministers, policy-makers and higher education sector bodies as well as other universities in order to raise the University's profile and impact in the sector; managerial responsibility for the Communications unit; managerial responsibility for the Development Office, the Admissions unit and the Career Centre; managerial

Professor MacKay is Professor of Strategy in the University of St Andrews School of Management. Formerly, he held a Chair in Strategic Management at the University of Edinburgh Business School, where he was also Director of Engagement on the Executive Team (2014-2016), Head of the Strategy and International Business Department (2011-2014), and Director of the MBA programs (2009-2011). He also held an ESRC (Economic and Social Research Council) Senior Fellowship in the Future of the UK and Scotland program (2013-2014). He earned a BA in International Development Studies from Dalhousie University, in Halifax, Canada, an MLitt (with Distinction) in Management, Economics and Politics (MEP) and a PhD in Strategy from the University of St Andrews, Scotland. He is also a Fellow of the Royal Society of Arts (FRSA).

Professor Robin Mason, Pro-Vice Chancellor (International)
University of Birmingham



Professor Robin Mason joined the University of Birmingham in March 2016, as Pro-Vice-Chancellor (International).

Robin moved to Birmingham after seven years at the University of Exeter, where he was first Professor of Economics, then appointed Dean of the University's Business School in 2011, and Pro-Vice-Chancellor and Executive Dean in 2015. He had previously been the Eric Roll Professor of Economics and Head of Economics at the University of Southampton. His first degree is in Natural Sciences; after a stint working in finance, he returned to Cambridge to do his PhD in Economics. He was a Prize Research Fellow at Nuffield College, Oxford; then went back, yet again, to Cambridge to work in the Department of Applied Economics, before moving to Southampton. His academic research concentrates on how firms respond strategically to uncertainty; and, more broadly, the incentives faced by economic agents in situations when they have imperfect information about their environment. (Formally, his area is game theory with incomplete information and learning.) While this research is theoretical in nature, it is motivated by the applied problems encountered while advising regulators and companies.

Robin is a fellow of the Centre for Economic Policy Research, and a Member of both the Competition and Markets Authority (formerly the Competition Commission) and the Financial Conduct Authority. He has acted as advisor to a number of regulators, in both the UK and internationally; to the Prime Minister of Mauritius on competition policy; and to a number of private-sector companies worldwide. He sits on the Accreditation Board of EQUIS, one of the two major international accreditation bodies for business schools. He is a dual national, Canadian/UK, being born in Kingston, Ontario.

Professor David Mba, Pro-Vice Chancellor and Dean of Computing, Engineering and Media

De Montford University



Professor David Mba was appointed Pro Vice-Chancellor and Dean of Computing, Engineering and Media in August 2017. He had previously held various leadership roles, including Dean of Engineering, London Southbank University, and Associate Dean, Faculty of Aerospace and Engineering, Cranfield University.

David studied Aerospace Engineering (1st class honours) at the University of Hertfordshire and completed a PhD in Mechanical Engineering at Cranfield University, for which he was awarded the Lord King Norton Gold medal for the most outstanding doctoral thesis. He joined Cranfield University in 2001 as a Lecturer and was promoted to a personal Chair in 2010.

Professor Mba is a leading authority in machine condition monitoring and has contributed to the development and publication of international standards in the subject area.

David's research has been funded via numerous commercial, EU and EPSRC grants; he has published over 250 journal and conference papers and in 2010, he was awarded the Ludwig Mond prize in recognition of the best contribution to the progress of Mechanical engineering of interest to the chemical industry (UK).

David's current research is focused on machine fault diagnosis, model based prognostics and machine performance prediction.

Professor Robert Mokaya, Pro-Vice Chancellor, Global Engagement

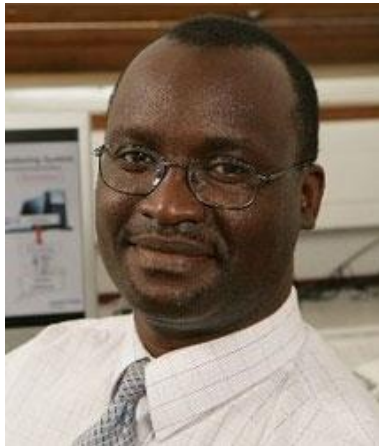
University of Nottingham



Robert Mokaya received his B.Sc. in Chemistry from the University of Nairobi in 1988 after which he spent a year working for Unilever in Kenya. He was awarded his Ph.D. from the University of Cambridge in 1992. In 1992 he was elected to a Research Fellowship at Trinity College, Cambridge and in 1996 was awarded an EPSRC Advanced Fellowship. He was appointed to a lectureship in Materials Chemistry at Nottingham in 2000, was promoted to Reader in Materials Chemistry in 2005, and to Professor of Materials Chemistry in 2008. He is a Royal Society Wolfson Research Merit Award holder (2017-2022).

Professor Washington Y. Ochieng, Professor in Positioning and Navigation Systems

Imperial College London



Professor Washington Yotto Ochieng is the Head of the Centre for Transport Studies and Chair of Positioning and Navigation Systems in the Department of Civil and Environmental Engineering at Imperial College London. He is also the Director of the Imperial College Engineering Geomatics Group (ICEGG).

After gaining a PhD in Space Geodesy at the University of Nottingham, Prof. Ochieng worked there as a Research Associate before moving to Racal Electronics (Thales) as Principal Engineer (Navigation specialist) where he participated in various international industrial consortia developing satellite navigation systems and products. He moved to Imperial College London in 1997.

Professor Ochieng's research interests are in the design of positioning and navigation systems for land, sea and air applications; Air Traffic Management (ATM) and Intelligent Transport Systems (ITS). He has made significant contributions to major international projects including the design of the European Geostationary Navigation Overlay Service (EGNOS) and GALILEO, GNSS measurement error modelling, specification of aircraft trajectory management tools for the Single European Sky's ATM Research (SESAR) programme, and integrated positioning and navigation systems for many applications including ITS. In 2013, Prof. Ochieng was elected Fellow of the Royal Academy of Engineering (FREng) in recognition of his exceptional contribution to engineering.

Professor Funmi Olonisakin, Vice-Principle International and Director, Kings African Leadership Centre

Kings College London



Professor Funmi Olonisakin has lead responsibility for all international matters at the College. In addition, she is responsible for the English Language Centre, and has joint responsibility with the Senior Vice President/Provost (Arts & Sciences) for the School of Global Affairs and for international scholarships and the Graduate School with the Vice President/Vice Principal (Education). She is also founding Director of the African Leadership Centre (ALC), which aims to build the next generation of African scholars and analysts generating cutting edge knowledge for conflict, security and development in Africa.

She is a founding member of the African Leadership Centre (ALC), which aims to build the next generation of African scholars generating cutting edge knowledge for security and development in Africa; and was Director of the Conflict, Security and Development Group (CSDG) at King's College London (2003 to 2013). Prior to this, she worked in the Office of the UN Special Representative of the Secretary-General on Children and Armed Conflict.

Funmi has positioned her work to serve as a bridge between academia and the worlds of policy and practice. Her most recent research has focused on 'Reframing narratives of Peace and State Building in Africa' and on 'Future Peace, Society and the State in Africa.'

In 2015, she was appointed by the UN Secretary-General, Ban Ki Moon, as one of seven members of the Advisory Group of Experts (AGE) on the Review of the UN Peacebuilding Architecture. She was also appointed in 2016 as a member of the Advisory Group of Experts for the UN Progress Study on Youth, Peace and Security. She serves on the board of the Centre for Humanitarian Dialogue and Chairs the Africa Regional Advisory Committee of the Open Society Foundation.

The University of Pretoria appointed Funmi as an Extra-Ordinary Professor in the Department of Political Sciences in 2016. In 2018, the Director-General of UNESCO invited her to join the Council of the United Nations University.

Dr David Pilsbury, Deputy Vice-Chancellor (International Development)
Coventry University



David leads international engagement for the University through the International Office, Academic Partnership Unit and Centre for Global Engagement. He is responsible for the University's international campuses, joint-ventures and trans-national learning. David led establishment of the University's London campus and has embedded and developed international outreach programmes across the University. David was previously chief executive of the Worldwide Universities Network and was head of research policy at HEFCE.

Dr Pilsbury also chairs UUKi's Pro-Vice Chancellor Policy Network.

Professor Cillian Ryan, Pro-Vice Chancellor (International)
Nottingham Trent University



Cillian is the Pro Vice-Chancellor International and Head of the College of Business, Law, and Social Sciences. In addition to leading the College and international activity across the University.

As a member of the University Executive Team, Cillian works with the Deans and relevant Heads of Professional Services to drive the strategic direction of the Schools within the College and oversee the management of the academic provision and research activities.

Cillian works with colleagues in the NTU Global Team to develop international strategic initiatives and activity, particularly in relation to the Connecting Globally theme of the University's strategic plan, and frequently travels overseas with a view to further developing relationships with the University's strategic overseas partners.

Cillian also has responsibility for the strategic direction of the sport provision at NTU.

Stephen Williams, NTU Global, Director
Nottingham Trent University



As Director of NTU Global, Stephen is responsible for embedding internationalisation at Nottingham Trent University in line with the University's *Connecting Globally* strategy theme. This includes oversight and development of strategic international partnerships, student and staff mobility, summer schools, internationalisation at home and the global student experience. To ensure coordination across NTU,

Stephen sits on a number of internal bodies including the University Internationalisation Committee, University Leadership Team and Academic Standards and Quality Committee. As a member of the Awards and Talent Committee of the European Association for International Education (EAIE), Stephen is committed to promoting best practice in the internationalisation of higher education.

Prior to joining NTU in April 2016, Stephen worked at the University of Warwick for 12 years in a variety of international roles including Head of Global Partnerships, Head of International Student Experience and Deputy Head of International Student Recruitment. He has also lived and worked in South Korea and Spain and managed a residential language school in Warwickshire before joining the higher education sector.

Stephen has co-authored a number of student experience publications including *Promoting Integration on Campus: Principles, Practice and Issues for Further Exploration*, published by UKCISA (2014). He founded the annual Warwick Integration Summit in 2012 to increase collaboration between universities and students' unions on internationalisation. Stephen has held a number of elected positions within the EAIE and was a member of the EAIE General Council before joining the Awards and Talent Committee in 2016.

Vivienne Stern, Director
Universities UK International



Vivienne is the Director of Universities UK International (UUKi) which represents UK universities around the world and works to enable them to flourish internationally.

Prior to her role in UUKi, Vivienne was Head of Political Affairs at Universities UK. In this role she led the sector's response to several major pieces of legislation relating to universities, including the Higher Education Act 2004. She previously worked in the UK Parliament for the Chair of the Education and Skills Select Committee, and as a higher education policy specialist

working on topics including quality, student experience, innovation and university-business links.

She is a Director of Universities UK; a member of the Board of the UK India Research and Innovation Initiative and the Strategic Partnerships in Higher Education Fund; she is a member of the British Council's Education Advisory Group and a number of other Boards and Committees.

She is a graduate in English Literature from the University of Cambridge.

Lucy Shackleton, Head of International Engagement (non EU)

Universities UK International



Lucy Shackleton is Head of International Engagement for Universities UK International, with oversight of policy work across the Americas, Middle East and North Africa and Asia regions.

Prior to joining Universities UK International she held positions working for the Director of the London School of Economics and implementing a new university-wide strategy for civic engagement at King's College London. Previously, she held the position of Head of European Engagement at UUK, coordinating the university sector's response to Brexit, influencing EU

policy on behalf of UK Vice-Chancellors, and managing the Universities for Europe campaign in the context of the EU referendum.

She holds a Masters degree in European Politics from Sciences Po Paris, Charles University in Prague and the University of Bath, and an undergraduate degree in English Literature.

Richard Grubb, Senior Policy Officer, sub-Saharan Africa

Universities UK international



Richard is the Senior Policy Officer, Sub-Saharan Africa & International Development at Universities UK International. He is responsible for driving UUKi's policy work in sub-Saharan Africa and leading its work on international development. He also leads on UUKi's involvement in the Strategic Partnerships for Higher Education Innovation and Reform (SPHEIR) programme. He is the partnership manager for the TIDE and PADILEIA partnerships.

Richard joined UUKi after four years working in the development sector in Tanzania and India. He holds an undergraduate degree in politics and an MSc in International Development from the University of Manchester.

Roundtable Discussion – briefing notes

Kenyan Research and Innovation

Research is seen as crucial to Kenya’s long-term economic development, and science, technology and innovation (ST&I) are at the heart of its development strategy. Two key pieces of legislation - Vision 2030 and the Science, Technology and Innovation Act 2013 – seek to mainstream the application of ST&I in all sectors. Their importance has been reinforced through the National Education Sector Plan (NESP) 2014-2018 and the Basic Education Act 2013. Kenya ranks 78 globally for innovation according to the World Intellectual Property Organisation compared to 99 five years ago and in the fiscal year 2016/17 the Kenyan Government spent 0.05 percent of its GDP on research, science, technology and innovation.

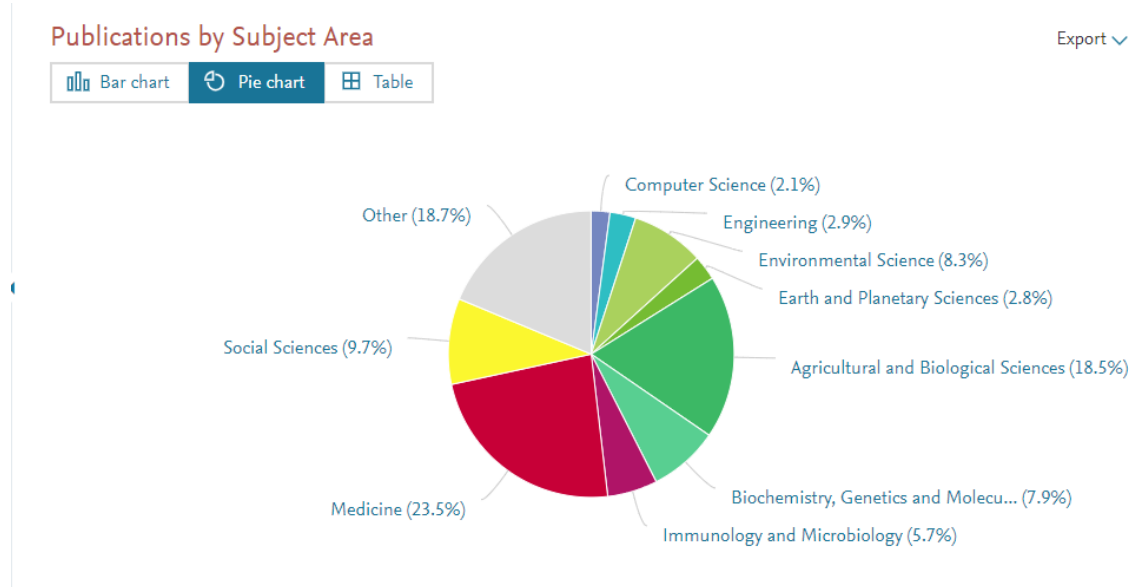
International research collaboration with Kenya – Top ten country collaborators 2015-2018

Country	Co-authored publications	Co-authored publications (growth %)	Co-authors in Kenya	Co-authors in the other Country	Citations	Field-Weighted Citation Impact
United States	3870	16.3	4413	10157	48585	3.01
United Kingdom	2348	22	2695	4233	38205	3.96
South Africa	1277	50.6	1566	1793	25987	5.29
Germany	952	43.2	1133	1783	26448	6.68
Canada	779	30.5	1049	1282	25392	8.07
Netherlands	737	16	898	967	23670	8.09
Uganda	723	59.8	1054	888	16756	6.26
Australia	648	16.5	797	1218	24744	9.19
China	637	35.3	575	1715	22621	9.18
Switzerland	634	16.4	789	1042	22646	9.2

The sectors significant to achievement of national growth and development targets are Agriculture and Rural Development, Health and Life Sciences, Trade and Industry, Human Resource Development, Physical Infrastructure, Energy, Environment and Natural Resource Management, Information Communication Technology (ICT) and Space Science Technology. Specifically, the government will give a high priority to the areas of: biotechnology, space science, telecommunications, electronics and computers; and automobile and nuclear electricity.¹

¹ Mukhwana, E. et al (2016) State of postgraduate research and training in Kenya https://www.researchgate.net/profile/Eusebius_Mukhwana2/publication/307906274_State_of_Post_Graduate_Research_and_Training_in_kenya/links/57d148b308ae5f03b48a75ec/State-of-Post-Graduate-Research-and-Training-in-kenya.pdf

Kenyan collaborative publications by subject area



Governance

The Science, Technology and Innovation Act 2013, prioritised the development of ST&I through the Kenya National Innovation Agency (KENIA), the National Research Fund (NRF) and the National Commission for Science and Technology (NACOSTI). The Act also states that the Treasury should allocate two per cent of GDP to the NRF.

Vision 2030

Vision 2030 represents Kenya’s development plan from 2008 to 2030. It was launched by President Mwai Kibaki in June 2008 with an objective of helping to transform Kenya into a “newly industrialising, middle income country providing a high quality of life to all its citizens by 2030 in a clean and secure environment”.² The vision is based upon three pillars; Economic; Social and; Political. The Vision will be delivered through successive five-year plans. Kenya’s Vision 2030 which recognises the critical role played by Research and Development (R&D) and innovation in accelerating economic development

Innovation

Despite a commitment to increase ST&I spending to 2% of GDP³, current gross expenditure on research and development (GERD) stands at 0.98 percent, positioning Kenya third on the African continent behind South Africa and Egypt. Notwithstanding the relatively low spend, Kenya has been able to position itself as a research hub and is home to ten research institutes. It also hosts several international research organisations including the Consultative Group for International Agriculture Research Centres (CGIAR), International Centre of Insect Physiology and Ecology (ICIPE) and several institutions conducting research in life and health sciences. The leading university in the country, Nairobi University, has opened the C4D Lab (a software incubation centre) and will soon start its own science park, Kenyatta University hosts

² <http://vision2030.go.ke/publication/vision-2030-flagship-projects-progress-report-nov-2014/>

³ <http://www.education.go.ke/index.php/media-center/education-in-the-news/49-kenya-fast-tracks-establishment-of-a-national-research-fund>

the Manu Chandaria Incubation Centre and Strathmore University, the largest private university, now hosts three incubation centres. All universities have a senior staff member in charge of research which has further resulted in the development of supporting infrastructure.

Since the establishment of iHub – an open space for technology innovators, in 2010, the number of incubation centres, accelerators, co-working spaces and venture capital firms has increased rapidly. Most universities now have incubation centres within their engineering and IT departments and the private sector is beginning to invest in incubation programmes.

Kenya is a recognised IT hub (christened the Silicon Savannah. It is ranked 78 in the Global Innovation Index Report, 2018⁴ and classified as the chief innovation achiever in Sub-Saharan Africa. It holds the highest number of venture capital deals in Africa and is home to a growing number of home-grown innovations including MPESA – the world's most successful money transfer and payment system, and Ushahidi- a crowd sourcing technology platform established in the wake of post-election violence in 2008. It is now replicated in more than 156 countries. Multinational corporations are also setting up in Kenya to expand their own research reach continuing to position Kenya as an undisputed leader in African innovation.

UK Funding

Kenya is the fifth most successful country in the 7th Framework programme (FP7) both in terms of numbers of participations in projects and in terms of total EU contribution between 2007 -2013 and is now participating in Horizon 2020.

The Newton Fund has been established in Kenya in partnership with the Ministry of Education, Science and Technology and their partners the NACOSTI, NRF and KENIA. Known as the Newton-Utafiti Fund (Utafiti means research in Ki-Swahili) the Fund is being delivered by seven UK delivery partners in collaboration with funders in 17 active partnering countries. They develop and run calls, allocate and manage the money they receive as part of the Newton Fund.

Priority Areas for Kenya under the Newton-Utafiti Fund are:

- Food Security
- Sustainable and Renewable Energy
- Health
- Environment and Climate Change
- Economic transition skills and jobs through manufacturing for SMEs
- Governance, Conflict Resolution and Security
- Cross cutting issues - including capacity building, big data, innovation and entrepreneurship.

⁴ <https://www.globalinnovationindex.org/gii-2018-report#>

ACE II Project

Kenya is among eight African nations identified to host African centres of excellence under the (ACE II) project. The (ACE II) a World Bank sponsored project to the tune of 6 million US dollars per project aims to strengthen selected eastern and southern African higher education institutions to deliver quality post graduate education and build collaborative research capacity in the regional priority areas. Three local institutions namely, Egerton University-centre of excellence on sustainable agriculture and agribusiness management (CESAAM), Jaramogi Odinga Oginga University of science and technology-sustainable use of insects as food and feed (INSEFOODS) and Moi University-centre of excellence in phytochemicals textiles and renewable energy (PTRE) have been selected as ACE II centres.

Student Mobility

According to UNESCO data, there are 14,017 Kenyan students studying abroad, with 3,177 in the United States, 2,212 in the UK and 1,814 in Australia⁵. These numbers have been declining significantly over the last decade. While not captured in the UNESCO data, local Kenyan media reports suggest that the vast majority of internationally mobile Kenyan students are in neighbouring countries. More than 20,000 Kenyan students are estimated to be studying in Ugandan universities, and approximately 5,000 in Tanzania⁶.

Kenyan students in the UK				
	Undergraduate	Postgraduate (research)	Postgraduate (taught)	Totals
2012/13	1385	140	655	2175
2013/14	1340	155	665	2160
2014/15	1370	160	700	2225
2015/16	1355	140	680	2180
2016/17	1375	150	635	2160

Source - HESA

Kenya's outbound student numbers have tailed off in recent years, in part owing to a softening economy and a weakening exchange rate for the Kenyan shilling against major world currencies. However, the outlook is for more robust economic growth in and a correspondingly better footing for the shilling.

At the same time, Kenya is projected to have one of the fastest-growing college-aged populations in the world over the next decade. The British Council projects that Kenya will have a population of 5.7 million college-aged students by 2024, up from 4.2 million in 2011 – a rate of growth expected to be exceeded only by Nigeria, India, Ethiopia, and Indonesia. That combination of a growing student pool, improving economic conditions, and persistent quality concerns at home, could well lead to a greater number of outbound students in the future.

⁵ <http://uis.unesco.org/en/uis-student-flow>

⁶ <https://wenr.wes.org/2015/06/education-kenya>

Reports show that less than 30% of Kenyans return and there are over a million Kenyans living and working overseas⁷. The implication of this to the Kenyan economy is that the Kenyan government has invested significant human resources into the students studying abroad yet so few of them will return to invest back into the Kenyan economy unless they are encouraged and rewarded. Without significant investment in skilled job development that comes with appropriate and increased level of salary, then there will be limited economic attraction for students to return.⁸

UK mobility to Africa

Between academic year 2014-15 and 2016-17, there were 905 instances of UK mobility to Africa accounting for 4.0% of total UK outward student mobility. 260 of these mobilities were to South Africa.

Transnational Education

The number of students in Kenya’s universities increased by 28% in 2014 compared to 2013, but funding was cut by 6%. 50% of staff have taken on extra teaching responsibilities on top of their full-time roles, and the staff:student ratio is reaching 1:500. Student enrolments grew by 28% in the last year, but university capacity did not expand at all. The HE regulator has introduced new rules to improve quality of graduates, and universities have been asked to update their doctoral programme curricula including 1.5 years of pre-coursework. Capacity will need to be quickly developed to manage the initial short-term transition for this added programme expectation.

TNE numbers 16-17 (15-16)	12,475 (12,655)
TNE numbers 16-17 excl. 3 major providers (15-16)	1,565 (1,525)
Annual growth	-180
Largest UK HE TNE providers 16-17	<ol style="list-style-type: none"> 1. Oxford Brookes University – 10,360 2. University of London (Institutes and activities) – 475 3. The University of Liverpool – 180 4. Roehampton University – 175 5. The University of Sunderland – 165
TNE Type (HESA AOR Code 1-5)	<ol style="list-style-type: none"> 1. Overseas campus) – 0 2. Collaborative provision – 335 3. Distance/flexible – 1,505 4. Registered overseas – 10,635 5. Other – 0
Case Study 1	<p>University of London – Amity Global Institute teaching centre https://london.ac.uk/amity-global-institute-kenya https://london.ac.uk/kenya - We have over 3,000 students in Africa of which around 450 study in Kenya towards a range of University of London qualifications either via distance or at a Teaching Centre.</p>

⁷ Atswenje Sikolia, Wycliffe. (2016). Brain Drain in Africa.

⁸ Kivati 2017: The Role of Kenya’s Formal Higher Education in Sustainable Development within the Context of Globalization

Case Study 2	<p>The University of Sunderland – Partnership with Intel College https://alumni.sunderland.ac.uk/Get-Together/Groups-Branches/Kenya</p> <p>The relationship between INtel College and the University of Sunderland dates as far back as 1999, when the University joined hands with INtel, based on their commitment to quality in education offering degrees in Computing and Business. Proof of that lies in the fact that in 2005, The University of Sunderland, UK recognized INtel College as their 'Best International Centre for Academic Excellence'.</p>
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