|                      | Annex 6: Table of key organisations, activities and financial flows |                  |  |  |  |  |  |  |
|----------------------|---|------------------|--|--|--|--|--|--|
| Type of organisation | Name of organisation  | Fields of study  | Main activities  | Source of information on activity  | Relevant information where available on financial flows (if merged with activities<br>boxes then reporting on general statistics not related to a specific activity)   | Source of information on flows   |  |  |
|                      |   | Agriculture      | Funding of international research organisations based in<br>Africa- For example CGIAR. Officially joining CGIAR in 2010<br>and only private foundation to sit on CGIAR board   | Global Justice Now 2016 'Gated<br>Development' report p. 12, ASTI<br>2016 Agricultural research in<br>Africa: Investing in future harvests<br>p. 147 | Funded CGIAR 131.4 Million USD in 2015 making them third largest funder after USA<br>and UK  | CGIAR Annual Report 2015   |  |  |
|                      |   |                  | Largescale research grants awarded to researchers working<br>or based in Africa covering cultivar development,<br>biofortification, livestock improvement nutrition, data and<br>statistics, and organizational reform   | ASTI 2016 'Agricultural research in<br>Africa: Investing in future<br>harvests' p.156  |  |  |  |  |
|                      |   |                  | Development of institutions at regional level such as Alliance<br>for a Green Revolution in Africa (AGRA, see entry below)   | ASTI 2016 'Agricultural research in<br>Africa: Investing in future<br>harvests' p.156  | Provided US\$ 130 million to AGRA in 2008. US\$ 28 million<br>over 4 years in 2010. US\$ 56 million in 2011. The reports also discuss BMGF<br>supporting a number of other projects. They are clearly the largest funder by some<br>way. | AGRA 2008 Annual Report p.24,<br>AGRA Annual Report 2010 p.22,<br>AGRA Annual Report 2011, p34   |  |  |
|                      | Bill and Melinda Gates<br>Foundation                                |                  |  |  | o African researchers but the grants were skewed massively to South Africa. 60% of her 32% of the overall amount, leaving only 8% spread across the rest of Africa.  | Lancet World Report dataset for<br>2015. Website accessed on 14.5.17<br>https://worldreport.nih.gov                                      |  |  |
|                      |   | Health           | Disbursements of research support to individual researchers<br>through a number of collaborative schemes for example: 1.<br>with the Wellcome Trust the Malaria Capacity Development<br>Consortium (supporting 19 Phos and 6 Msc students in 2015)<br>2. Career Development Fellowships with the WHO (training<br>27 fellows between 2008-2013)  | UKCDS 2015 'Health Research<br>Capacity Strengthening: a UKCDS<br>mapping' p. 22 and p. 26   |  |  |  |  |
|                      |   | Mixed            | Development of institutions at regional level: funding<br>Alliance for Accelerating Scientific Excellence in Africa (AESA)<br>with Wellcome Trust and DFID   | UKCDS 2016 'Rapid mapping of<br>international funders' research<br>capacity strengthening priorities'<br>p. 4  |  |  |  |  |
|                      |   |                  | Total health research funding committed over lifetime of p   | rojects active in 2015: £1034 millio   | n. 32% of which went to South Africa. 61% of which was in direct funding to Africa.  | Website accessed on 14.5.17<br>https://worldreport.nih.gov   |  |  |
|                      | Wellcome Trust  | Health           | Capacity-building/training of African researchers: for<br>example the Wellcome Trust's African Institutions Initiative<br>supported individual researchers in 51 African institutes<br>supporting 160 PhDs, 134 Masters and 34 post-docs in the<br>first four years of the programme   | Wellcome Trust website:<br>https://wellcome.ac.uk/what-we-<br>do/our-work/funding-and-<br>supporting-research-africa-and-<br>asia                    |  |  |  |  |
| Private Foundations  |   |                  | Funding of research organisations based in Africa: Major<br>Overseas programme funds three centres in Africa- KEMRI-<br>Wellcome Trust Research Programme (KWTRP), Malawi-<br>Liverpool-Wellcome Trust Chilical Research Programme<br>(MLW)<br>The Africa Health Research Institute (AHRI), South Africa   | Wellcome Trust website:<br>https://wellcome.ac.uk/what-we-<br>do/our-work/funding-and-<br>supporting-research-africa-and-<br>asia                    |  |  |  |  |
|                      |   |                  | Funding and support of grant making organisations based in<br>Africa at national level (for example supporting the<br>development of health research funding agencies in Kenya<br>and Malawi since 2008) and regional level (providing funds<br>for and supporting AESA, see entry below, with DfiD and<br>Gates Foundation)   | UKCDS 2016 'Rapid mapping of<br>international funders' research<br>capacity strengthening priorities'<br>p. 4  |  |  |  |  |
|                      | Mastercard Foundation   | Mixed            | Funding of scholarships for undergraduate and postgraduate<br>training at a select list of universities in America, Europe and<br>Africa.  | Mastercard website accessed on<br>14.5.17<br>http://www.mastercardfdn.org/t<br>he-mastercard-foundation-<br>scholars-program/                        | The overall amount committed to the scheme is said to be \$700 million   | Mastercard website accessed on<br>14.5.17<br>http://www.mastercardfdn.org/th<br>e-mastercard-foundation-scholars-<br>program/            |  |  |
|                      | Institute Pasteur   | Health           | Funding of a network of overseas health research<br>organisations in French speaking Africa. There are 23<br>institutes of which 5 are in Africa.  | UKCDS (2015) Health Research<br>Capacity Strengthening: A UKCDS<br>mapping   |  |  |  |  |
|                      | Carnegie Corporation  | orporation Mixed | and Ph.D. Progra   | ms, Academic Networks and Fellow   | t <b>the Carnegie Corporation</b> . It has 70 active grants covering four focus areas of M.A.<br>ship, Leadership, Policy, and Governance<br>50000 to around \$2 million with a wide range imbetween.                                    | Carnegie Corporation website<br>accessed on 14.5.17<br>https://www.carnegie.org/progra<br>ms/higher-education-and-research<br>in-africa/ |  |  |
|                      |   |                  | Funding projects in relation to MA and PhD training. "Since<br>2009, the Corporation has worked to create and expand<br>postgraduate training, research, and lecturer retention<br>programs at four anchor universities in three countries"  | Carnegie Corporation website<br>accessed on 14.5.17<br>https://www.carnegie.org/progra<br>ms/higher-education-and-<br>research-in-africa/            |  |  |  |  |
|                      |   |                  | Funding projects in relation to post-doc and network<br>building: "Three network initiatives, three fellowship<br>programs, and two "hybrid" programs that combine<br>networks and fellowships have given postgraduate training,<br>research, and publication opportunities to hundreds of<br>African academics". An example is a grant supporting African<br>diaspora academics to carry out a collaborative project at an<br>African university. | Carnegie Corporation website<br>accessed on 14.5.17<br>https://www.carnegie.org/progra<br>ms/higher-education-and-<br>research-in-africa/            |  |  |  |  |
|                      |   |                  | Funding projects in relation to improving the governance<br>leadership of higher education establishments in Africa. This<br>work "aims to sustain and further advance higher education<br>reforms, improve higher education leadership, and<br>strengthen higher education policy research and practice in<br>Africa."  | Carnegie Corporation website<br>accessed on 14.5.17<br>https://www.carnegie.org/progra<br>ms/higher-education-and-<br>research-in-africa/            |  |  |  |  |
|                      |   |                  | Funding projects that promote the development of research<br>on peacebuilding in Africa.   | Carnegie Corporation website<br>accessed on 14.5.17<br>https://www.carnegie.org/progra<br>ms/higher-education-and-<br>research-in-africa/            |  |  |  |  |

|   |  | 1  |  |  |   |   |
|---|--|--|--|--|---|---|
|   | African Union Grants<br>Programme  | Mixed  | Administration of Competitive Research Grants In the AU's<br>department of Human Resources, Science and Technology.<br>The first and second calls for research proposals took place in<br>December 2010 and January 2012 for projects in postharvest<br>technologies and agriculture; renewable and sustainable<br>energy; water and sanitation; fhierlers and climate change.<br>The second phase will consist of two calls in 2016 and 2017.<br>The 2016 call supported research on Food & Nutrition<br>Security and Sustainable Agriculture (FNSSA) with particular<br>attention on Sustainable Intensification.  | UNESCO 2015 Science Report<br>towards 2030, p528; OECD Case<br>Study African Union Research<br>Grants Programme, p. 8; African<br>Union Research Grant Website<br>accessed 13.3.17-<br>https://au.int/aurg   | €7 million in 2011 and €14.7 million in 2012. €17.5 million in 2016 to support the two calls over 2016-2017 | OECD Case Study African Union<br>Research Grants Programme, p. 8;<br>African Union Research Grant<br>Website accessed 13.3.17:<br>https://au.int/aurg   |
|   | African Academy of<br>Sciences (including<br>activities of its agenda<br>setting and grant<br>funding initiative, The<br>Alliance for Accelerating<br>established in<br>partnership in<br>partnership with<br>NEPAD) | Environment  | Imlementing agency for fellowship and capacity building<br>programmes: CIRCLE (Climate Impact Research Capacity and<br>Leadership Enhancement) funded by D(D). The programme<br>provides funding for 40 post masters and 60 post doctoral<br>year long fellowships in three tranches 2015-17 and also<br>institutional capacity building support in host institutions.   | African Academy of Sciences<br>Website accessed on 13.3.17-<br>http://www.asciences.ac.ke/pro<br>grammes/circle/climate-impact-<br>research-capacity-and-leadership-<br>enhancement-circle/key-<br>elements-oft-the-circle-<br>programme/  | DfiD has provided £4.85 million   | African Academy of Sciences<br>Website accessed on 13.3.17-<br>http://www.asciences.ac.ke/prog<br>rammes/circle/climate-impact-<br>research-capacity-and-leadership-<br>enhancement-circle/                                 |
|   |  |  | Implementing a mentoring programme, including one week<br>vist under the Cell Biology and Regenerative<br>Medicine initiative. In 2015, 7 early career researchers took<br>part.   | African Academy of Sciences 2015<br>Annual Report  |   |   |
| Science Granting<br>Council type regional<br>actors |  |  | AESA has taken over programme management of Wellcome<br>Trust component of competitive research grant programme<br>Human Heredity and Health in Africa (H3AThrica). The<br>programme prioritises training of next generation of Africian<br>scientists and collobarations between African institutions.<br>HaAfrica is backed by Wellcome Trust and National INstitutes<br>of Health. Only the Wellcome Trust funds are managed by<br>AESA.  | African Academy of Sciences<br>Website accessed on 13.3.17-<br>http://asciences.acka/aea3prog<br>rammes/h3africa/funding-<br>opportunities/  | E9 million awarded to AESA from Wellcome Trust  | African Academy of Sciences<br>Website accessed on 13.3.17-<br>http://aascience.ac.ke/aesa/prog<br>rammes/h3africa/funding-<br>opportunities/   |
|   |  |  | AESA has taken over the implementation of a competitive<br>research grants programme called Developing Excellence in<br>Research Training and Science in Africa (DEITAS) under<br>auspices of its AESA initiative. 11 programmes funded<br>initially. It is expected that 1200 researchers at MSc, PhD and<br>postdoctoral level will be funded over initial 2015-2020<br>period. The 11 programmes also include research<br>environment improvement components ranging from<br>management and proposal writing training to building labs.   | Science Policy Africa Newsletter<br>2016 Vol 20 no 3 Sept, p. 11, 16;<br>African Academy of Sciences<br>Website accessed on 13.3.17<br>http://www.asaciences.ac.ke/aca<br>demy/academy-pages/developing<br>excellence-in-leadership-training-<br>and-science-deltas-africa-<br>initiative/ | Nearly \$100 million for first tranche of funding 2015-2020   | African Academy of Sciences<br>Website accessed on 13.3.17-<br>http://aasciences.ac.ke/aas/en/ac<br>ademy/scadewy-pages/deltas-<br>africa-grantees/   |
|   |  | Mixed  | AESA implementing a programme of harmonisation,<br>standardisation and web based platform building for<br>research grant management: called Good financial Grant<br>Practice (GFGP)  | African Academy of Sciences<br>Website accessed on 13.3.17-<br>http://aasciences.ac.ke/aesa/en/<br>programmes/gfgp/  |   |   |
|   |  | Mixed  | AESA implementing a postgraduate funding scheme funded<br>by Carnegie Foundation   | African Academy of Sciences<br>Website accessed on 25.04.17<br>http://aasciences.ac.ke/aesa/en/a<br>bout/news/aasaesa-announces-<br>us2-million-investment-to-boost-<br>africas-scientific-<br>capacity/?platform=hootsuite  | \$2 million provided by Carnegle Foundation   | African Academy of Sciences<br>Website accessed on 25.04.17<br>http://aasciences.ac.ke/aesa/en/a<br>bout/news/aasaesa-announces-<br>us2-million-investment-to-boost-<br>africas-scientific-<br>capacity/?platform=hootsuite |
|   |  | h       Health       Total health research funding committed over lifetime of projects active in 2015: £469 million. 25% of which was going to South Africa. 28% of which rest in collaborations.         h       Health       Funding of research projects either through collaborations or direct funding to institutions based in Africa. The vast majority of the MRC funding is for dedicated research projects and are focused on carrying out research rather than capacity building although they may have capacity building elements.       Lancet World Report dataset for 2015. "Ebistic accessed on 14.5.17"         http://www.mrcuganda.org/abouty/statement-director_and       Long term funding of high profile and largescale MRC research carbon duganda (established for three decades).       Centres websites accessed on 14.5.17"         http://www.mrcuganda.org/abouty/statement-director_and       http://www.mrcuganda.org/abouty/statement-director_and       http://www.mrcuganda.org/abouty/statement-director_and         http://www.mrcuganda.org/abouty/statement-director_and       http://www.mrcugan/abouty/statement-director_and       http://www.mrcugan/abouty/statement-director_and         http://www.mrcugan/abouty/statement-director_and       http://www.mrcugan/abouty/statement-director_and       http://www.mrcugan/abouty/statement-director_and         http://www.mrcugan/abouty/statement-director_and       http://www.mrcugan/abouty/statement-director_and       http://www.mrcugan/abouty/statement-director_and         http://www.mrcugan/abouty/statement-director_and       http://www.mrcugan/abouty/statement-director_and       http://www.mrcugan/abouty/statement-director_a | Total health research funding committed over lifetime of privation of the second s | Lancet World Report dataset for<br>2015. Website accessed on 14.5.17<br>https://worldreport.nih.gov  |   |   |
|   | UK Medical Research<br>Council   |  | or direct funding to institutions based in Africa. The vast<br>majority of the MRC funding is for dedicated research<br>projects and are focused on carrying out research rather<br>than capacity building although they may have capacity   | 2015. Website accessed on<br>14.5.17   |   |   |
|   | Council  |  |  |  |   |   |
| Donor country<br>science granting<br>councils       |  |  | encourage capacity development of young researchers. For<br>example the African Research Leaders scheme (joint funded<br>with DfID) provides 5 years of research funding for early<br>career researchers to develop research on global health  | accessed on 14.5.17<br>https://www.mrc.ac.uk/funding/<br>browse/african-research-leader-<br>scheme-2016-17/mrc-dfid-african-   |   |   |
|   | USA National Institutes<br>of Health   |  | By the number of projects listed they are by far the largest<br>projects. However, the numbers are still substantial. They rep<br>institutions. Funding amount data is only  | Lancet World Report dataset for<br>2015. Website accessed on 14.5.17<br>https://worldreport.nih.gov  |   |   |
|   |  |  | Funding of research projects either through collaborations<br>or direct funding to institutions based in Africa.   | Lancet World Report dataset for<br>2015. Website accessed on<br>14.5.17<br>https://worldreport.nih.gov   |   |   |
|   |  |  | Funding of capacity building partnerships through the<br>Medical Education Partnership Initiative. "MEPI supports<br>African institutions in a dozen countries, forming a network<br>including more than 30 regional partners, country health and<br>education misistries, and more than 20 U.S. and foreign<br>collaborators." The programme is in the process of<br>developing its second phase. It funds a diverse range of<br>projects designed to increase the capacity of research<br>systems, from funding focused on building research<br>infrastructure, to funding training and development of new<br>curriculums in medical schools.  | NIH Fogarty Centre Website<br>accessed on 14.5.17<br>https://www.fcnib.gov/fews/fd/<br>obalHealthMatters/september-<br>october-2016/Pages/africa-<br>medical-education-progress-orger<br>glass.asox  |   |   |

|                                |  |             | Funding of pre and post doctoral training. As standalone<br>grants to individuals and also as part of wider research<br>programmes. For example the "Giobal Health Programme for<br>Fellows sund Scholars, a programme with a S6-7m annual<br>budget to suport 70 LINIC and US doctoral and postdoctoral<br>researchers per year in global health."   | UKCDS (2015) Health Research<br>Capacity Strengthening: A UKCDS<br>mapping  |   |   |
|--------------------------------|--|-------------|---|---|---|---|
|                                | World Bank   | Agriculture | Spend on agricultural research has increased dramatically bet   | ween 2005 to 2015   | Graph1: World Bank spend on Agricultural research<br>2005-2015<br>100<br>0 2005 2008 2007 2018 2009 2010 2011 2012 2013 2014 2015<br>Year | OECD DAC statistics   |
|                                |  |             | Providing loans for Agricultural Regional Centres of<br>excellence called Agriculture Productivity Programmes in<br>South, West and East Africa   | ASTI 2016 Agricultural research in<br>Africa: Investing in future harvests<br>p. 45   |   |   |
|                                |  | Mixed       | Providing loans for 19 African Centres of Excellence (ACE 1)<br>in West Africa and Central Africa (5 in agriculture, 6 in<br>health, 6 in STEM subjects). Administered through the<br>African Association of Universities.  | World Bank press release 14th<br>April 2014 accessed on 13.3.17-<br>http://www.worldbank.org/en/n<br>ews/press-<br>release/2014/0/15/world-bank-<br>centers-excellence-science-<br>technology-education-africa  | \$150 million approved in 2014  | World Bank press release 14th<br>April 2014 accessed on 13.3.17-<br>http://www.worldbank.org/en/ne<br>ws/press-<br>release/2014/0/15/world-bank-<br>centers-excellence-science-<br>technology-education-africa  |
|                                |  |             | Providing leans for 19 African Centres of Excellence (ACE 2)<br>In East and Southern Africa. Administered through East<br>African Community's Inter-University Council for East Africa<br>(UCEA). Five priority areas in the region – industry,<br>agriculture, health, education and applied statistics. Project<br>to receive Wolrd Bank support from 2016-2021 and expected<br>to train 3,500 (700 PhDs).  | Press release of the inter-<br>university council for East Africa<br>10th June 2016 accessed on<br>13.3.17-<br>http://www.eacint/news-and-<br>media/press-<br>releases/2016/610/eastern-and-<br>southern-africa-higher-education-<br>centres-exelio-ace-ii-project-<br>approved | \$140 million in Ioans from the World Bank approved in 2016 plus \$8 million in grants  | Press release of the inter-<br>university council for East Africa<br>10th June 2016 accessed on<br>13.3.17- http://www.easc.in/news-<br>and-media/press-<br>releases/2016010/eastern-and-<br>southern-africa-higher-education-<br>centre-sexcellenc-acc-ii-project-<br>approved |
|                                |  |             | Funding of large-scale skills development programme in the<br>area of applied science, engineering and technology. The<br>Partnership for skills in Applied Sciences, Engineering and<br>Technology (PASET) was launched in 2013 by African<br>governments with Facilitation by the World Bank, to address<br>systemic gaps in skills and knowledge in priority ASET fields,<br>and to build the capacity of African education and training<br>institutions to train high quality technicians, engineers and<br>scientists to meet the demands of the economy." Activities<br>include a focus on PhD and post-doc funding (aliming to fund<br>10000 PhDs in the next decade), development of new<br>centres of excellence in this area and estabilisment of<br>quality assurance mechanisms and data collection on applied<br>science, engineering and technology provision and<br>improvement. | PASET briefing paper April 2017   |   |   |
|                                |  |             | Funding of scholarships and fellowships under the Erasmus<br>+, Marie Skłodowska-Curie and Nyerere programmes   | Fourth EU-Africa Summit<br>Roadmap 2014-17  |   |   |
| International<br>organisations | European Commission                                      | Mixed       | Funding of large-scale collaborative research programmes<br>involving EU and African universities, for example the<br>European and Developing Countries Clinical Trials<br>Partnerships was founded in 2003 and is ongoing. During the<br>first phase 2003-14 it supported 195 research projects,<br>including 57 clinical trials involving more than 100.000<br>patients. It also helped train more than 300 African scientists.   | European Commission website<br>accessed on 7.5.17.<br>http://ec.europa.eu/research/isc<br>p/index.cfm?pg=africa   | The second phase of EDCTP running from 2014 to 2024 will work with a budget of approximately €2 billion                                   | European Commission website<br>accessed on 7.5.17<br>http://ec.europa.eu/research/iscp<br>/index.cfm?pg=africa  |
|                                |  |             | Supporting the development of centres of excellence,<br>through the Pan-African University scheme. This scheme was<br>developed in collaboration with, and is run by, the AU<br>commission. It provides schelarships for African students to<br>study at an identified ist of centres of excellence for chosen<br>subjects  | Fourth EU-Africa Summit<br>Roadmap 2014-17 and PAU<br>website accessed on 7.5.17<br>https://pau-au.net/en/about-us  |   |   |
|                                |  |             | Funding of networks to promote collaboration and<br>information sharing, the EC created CAAST Net which<br>subsequently became CAAST Net Plus in 2013 to encourage<br>STI cooperation around topics of mutual interest and<br>discussion around how to improve policy environment for STI   | CAAST Net Plus website accessed<br>on 7.5.17 https://caast-net-<br>plus.org/about/goals   | EC funding for CAAST-net plus is €4 million for 2013-2016   | Investing in European success - EU-<br>Africa cooperation in science,<br>technology and innovation (2015)<br>booklet published by EC<br>commission  |
|                                |  |             | Funding harmonisation and quality assurance schemes, in<br>particular the African Higher Education<br>Harmonisation and Tuning,<br>the African Union Higher Education Harmonization and<br>Quality Assurance initiatives  | Fourth EU-Africa Summit<br>Roadmap 2014-17  |   |   |
|                                | The Institute of<br>Research for<br>Development (France) | for Mixed   | Supporting individual training in research sectors. For<br>example ARTS programme supports PhD level training<br>(currently supporting 110 researchers)   | https://en.ird.fr/partnerships/cap<br>acity-building/specific-<br>programs/arts-program   |   |   |
|                                |  |             | Promoting the formation of research teams. Through the<br>Jeunes Guipes Associées à l'IRD (JEAI) program " designed to<br>promote and strengthen new research teams in developing<br>countries through partnership with IRD research units."  | https://en.ird.fr/partnerships/cap<br>acity-building/specific-<br>programs/Jeai-program   | The funding amount is a maximum of €50000 over three years. Over 100 teams have been set up.  | https://en.ird.fr/partnerships/cap<br>acity-building/specific-<br>programs/leai-program   |
|                                |  |             | Management of multi donor fund to support independent<br>think tanks. The Think Tank Initiative is set to run from 2008-<br>2019. Provides core funding and research capacity building<br>support. It supports a number of think tanks in Africa<br>including ones in Ethiopia, Tanzania, Senegal, Uganda,<br>Kenya, Nigeria and Rwanda.  | OECD Credit Reporting System<br>data 2015; Think Tank Initiative<br>website accessed 16.3.17<br>http://www.thinktankinitiative.or<br>g/program/about-tti  | US \$200 million to date from multiple donors since 2008  | Think Tank initiative website<br>accessed 16.3.17:<br>http://www.thinktankinitiative.org<br>/program/donors   |

|                             | IDRC                                  | Mixed  | Capacity building of science granting council's in Africa to<br>support research and evidence-based policies through<br>Science Granting Councils Initiative. In a joint project with<br>DID and South Africa's NRF. The initiative's activities include<br>training, regional exchanges and forums, online training, or-<br>site coaching, and collaborative research<br>Providing funding for fellowships. For example the African<br>Climate Change Fellowship Program and the African-<br>Canadian fellowship programme.<br>Supporting the creation of 15 institutes for mathematical<br>sciences across Africa by 2021. This is building on the success<br>of the Africa Institute for Mathematical Sciences in Cape | data 2015 OECD Credit Reporting System data 2015 OECD Credit Reporting System data 2015   |                                   |  | 2A\$13.9M over five years                        | Science Granting Councils initiative<br>website accessed on 16.3.7:<br>https://www.dirc.ca/en/initiative/<br>science-granting-councils-initiative-<br>sub-saharan-africa   |
|-----------------------------|---------------------------------------|--|---|---|-----------------------------------|--|--|--|
|                             |                                       |  | Town. This institute graduated 305 students from 2003-2015.<br>They aim to be graduating 750 students a year by 2021.   |   |                                   |  |  |  |
|                             |                                       | Mixed  | Graph2: UK government total spend on O<br>research and development activities in Afr<br>2005-2015   | rica  | 50                                | h 3: ODA spend on differ<br>government | rent areas of research by UK<br>2005-2015        | Source: OECD Dac Statistics.<br>Includes all UK government<br>department spending although<br>DFID is main spender. Graph 2 Is an<br>aggregate of all the categories in<br>graph 3. Graph 3 illustrates clearly<br>how the UK government's<br>interventions in Africa have<br>diversified significantly over the<br>last ten years from a clear focus on<br>statistical capacity building to a<br>wide range of areas. |
|                             | DfiD                                  | Mixed  | DfD invests significant amounts in research capacity<br>building in Africa across research production, research<br>brokering and research use. It invests at the level of<br>individual researchers, research institutions and in science<br>granting councils directly (for example the co-investment in<br>Malawi and Kenya health research funding agencies and the<br>co-investment in AESA).   | in Africa across research production, research<br>researchers, research institutions and in science<br>uncils directly (for example the co-investment in<br>kneyn health research funding agencies and the<br>co-investment in AESA).       UKCDS 2016 'Rapid mapping of<br>international funders' research<br>capacity strengthening priorities'<br>p. 4         table in level of support for statistical capacity<br>building.       UKCDS 2016 'Rapid mapping of<br>international funders' research<br>capacity strengthening priorities'<br>p. 3         or scholarships for masters level training in UK<br>ss. Since beginning in 1984 over 40000 students       UK government website accessed<br>on 14/05/2017 |                                   |  |  |  |
|                             |                                       | Statistics   | DfiD is notable in level of support for statistical capacity building.  |   |                                   |  | Year   | OECD DAC statistics (note that<br>OECD statistics cover all ODA<br>contributions from UK, including<br>other government departments,<br>although in the case of statistical<br>capacity building it is almost<br>entirely DfID)  |
|                             | UK Foreign and<br>Commonwealth Office | Mixed  | Funding for scholarships for masters level training in UK<br>universities. Since beginning in 1984 over 40000 students<br>from 150 countries, including many in Africa have been<br>awarded scholarships.   |   |                                   |  |  |  |
|                             |                                       | Total spend on research in Africa in 2015 (including all categories in graph 3) was US\$40 million.  |   |   |                                   | :40 million.                           | OECD DAC statistics                              |  |
| International<br>Bilaterals | SIDA                                  | SIDA Mixed   | Capacity development of African Universities through PhD<br>education for academic staff, postgraduate scholarships,<br>infrastructure funding, support for priority areas, improved<br>research environment and research management. In 2015<br>this consisted of a number of grants to three universities:<br>University of Rwanda, Makerere University in Uganda and<br>University of Eduardo Mondlane in Mozambique.  |   | Reporting System<br>the year 2015 |  |  |  |
|                             |                                       |  | Core support to the Council for the Development of Social<br>Science Research in Africa   |   | Reporting System<br>the year 2015 | The core support is reco               | orded as worth US\$2.9 million for the year 2015 | OECD Credit Reporting System<br>data for the year 2015   |
|                             |                                       |  | Funding of regional STI information organisations: The Africa<br>Science, Technology and Innovation Indicators (ASTII)  |   | Reporting System<br>the year 2015 | Recorded as v                          | vorth US\$1.1 million for the year 2015          | OECD Credit Reporting System data for the year 2015  |
|                             |                                       |  | Funding of strategic research consortiums such as African<br>Economic Research Consortium (AERC)  | OECD Credit Reporting System<br>data for the year 2015  |                                   | Recorded as                            | worth US\$2 million for the year 2015            | OECD Credit Reporting System<br>data for the year 2015   |
|                             |                                       | Long term research partnerships between Swedish and<br>African universities. For example the The Gothenburg -<br>Namibia Georesearch Link OECD Credit Reporting Syster<br>data for the year 2015 |   |   |                                   |  |  |  |

|                           | Chinese government<br>agencies                         | Mixed       | Funding of training and scholarships, with a focus on<br>vocational training in practical applications of technology.<br>From 2009-2005, over 9,000 African personnel were due to<br>receive training at the post-basic level.   | King, Kenneth. "China's Higher<br>Education Engagement with<br>Africa: A Different Partnership<br>and Cooperation Model?."<br>Education, Learning, Training:<br>Critical Issues for Development,<br>International Development, Policy<br>series 5 (2014): 151-173.     |   |  |
|---------------------------|--|-------------|--|--|---|--|
|                           |  |             | Building new universities and training colleges, for example<br>the Ethio-China Polytechnic College in Addis Ababa and the<br>Malawi University of Science and Technology  | King, Kenneth. "China's Higher<br>Education Engagement with<br>Africa: A Different Partnership<br>and Cooperation Model?."<br>Education, Learning, Training:<br>Critical Issues For Development, Policy<br>series 5 (2014): 151-173. and<br>http://www.mst.at-a-glance |   |  |
|                           |  |             | Funding university partnerships, since 2010 the Chinese<br>Ministry of Education has been funding the 20 + 20 University<br>Partnership scheme between leading Chinese and African<br>universities   | King, Kenneth. "China's Higher<br>Education Engagement with<br>Africa: A Different Partnership<br>and Cooperation Model".<br>Education, Learning, Training:<br>Critical Issues for Development,<br>International Development, Policy<br>series 5 (2014): 151-173.      |   |  |
|                           | USAID  | Mixed       | Fellowship programmes, the Partnership for Enhanced<br>Engagment in Research programme funds developing<br>country scientists to partner with a US institution to develop<br>new research to address development challenges  | USAID website accessed on 7.5.17<br>https://www.usaid.gov/GlobalDe<br>vLab/fact-sheets/partnerships-<br>enhanced-engagement-research-<br>peer  |   |  |
|                           |  |             | Major partnership schemes with specific countries to<br>provide scholarships and capacity building in higher<br>education sector. Most notable is U.SEgypt Higher<br>Education Initiative which provides scholarships mainly for<br>study in Egypt alongside initiatives like the creation of careers<br>centres. Also notable is Excellence in Higher Education for<br>Liberian Development project | USAID website accessed on 7.5.17<br>https://www.usaid.gov/egypt/hig<br>her-education and<br>https://www.usaid.gov/liberia/ed<br>ucation  | Egyptian programme reported to be worth \$129.1 over its lifetime                       | USAID website accessed on 7.5.17<br>https://www.usaid.gov/egypt/high<br>er-education |
|                           | African Development<br>bank                            | Health      | Funding Centres of Excellence in Biomedical sciences in the<br>East African Community that will support 140 MSc and 10<br>PhD students.  | UNESCO 2015 Science Report<br>towards 2030, p531   | In 2014 gave loans of US\$98 million for the centres of excellence                      | UNESCO 2015 Science Report<br>towards 2030, p.531                                    |
| Regional<br>organisations |  |             | Grants for theses writing and funding of networking,<br>conferences and staff exchange programmes.   | Annual Report 2014-15 , p.26   | In 2015 they spent about \$1.6 million on programmes. Main funder is the world<br>bank. | Annual Report 2014-15, p.38  |
|                           | Association of African<br>Universities                 | Mixed       | Partnering with the World Bank to administer the flagship<br>Regional Scholarship and Innovation Fund as part of the<br>PASET scheme. Arrican Universities will provide PhD Training<br>to "facilitate scholarship recipients<br>to undertake applied research to support priority<br>development sectors, and in innovating for businesses<br>or establishing new enterprises"                      | PASET briefing paper April 2017  |   |  |
|                           | Alliance for a Green<br>Revolution in Africa<br>(AGRA) | Agriculture | Funding of postgraduate education and of research<br>programmes in agronomy and crop science. Between 2007-<br>2015 funded 152 Ph05 funded in Crop Breeding, 40 Ph05 in<br>agronomy. 292 MScs in Crop Science and 139 MScs in Soil<br>Science. Also released 531 varieties and commercialised 370.   | AGRA Progress Report 2007-2015   |   |  |