



# THANZI PROGRAMME PARTNERS WORKSHOP: SUPPORTING THE REALISATION OF THE ALM- DECLARATION

*28 February – 2 March 2023*

## WORKSHOP REPORT

The Thanzi Programme Partners Workshop was convened as an opportunity for collaborative discussion and joint planning of a research agenda to support in the delivery of the ALM-Investing in Health declaration aims. It included exploration of research and capability building/ training priorities, and attendees sought to identify synergies between existing research activities.

April 2023

## CONTENTS

Acknowledgements .....	2
Executive Summary .....	3
Introduction .....	5
Work to date on the ALM-Declaration .....	7
Policy challenges affecting those implementing the ALM-Declaration .....	8
Research priorities to support the ALM-Declaration .....	8
Capability and capacity building priorities to support the ALM-Declaration.....	12
References .....	16
Appendix 1: Workshop Agenda.....	17
Appendix 2: Attendee List .....	22
Appendix 3: Presentations .....	25

## ACKNOWLEDGEMENTS

The Workshop organisers would like to thank all delegates for committing their time, opinions and expertise to this event. Special thanks are due to the delegation from AUDA-NEPAD, led by Professor Aggrey Ambali; the delegations from the ECSA Health Community and West African Health Organization; and representatives from the African Union Commission, East African Community, Southern Africa Development Community, and national Ministries of Health and public universities in Ghana, Malawi, Senegal and Uganda.

Thanks are also due to delegates from *Thanzi Programme* partners, including Imperial College London, Kamuzu University of Health Sciences, Makerere School of Public Health, ODI, University College London, and University of York. Much gratitude is also owed to delegates representing the Council of Ministers of Health of Central America (SE-COMISCA), African Institute for Development Policy, UK Foreign Commonwealth & Development Office, the Bill & Melinda Gates Foundation, Norwegian Agency for Development Cooperation, UK Medical Research Council, the Global Fund to Fight AIDS Tuberculosis & Malaria, Global Institute for Disease Elimination (GLIDE), University of Central Asia, and NYU Grossman School of Medicine.

Special thanks to the Vice Chancellor of University of York, Professor Charlie Jeffery; the Pro-Vice Chancellor for Research, Professor Matthias Ruth; the Dean of Social Sciences, Professor Karen Rowlingson; the Dean of Sciences, Professor Andy Dougill; and Director of the Centre for Health Economics, Professor Mark Sculpher, for their warm welcome to York and support of this Workshop.

The Workshop was supported by a generous grant from the University of York with support from an institutional award by UK Research & Innovation from its UKRI GCRF & Newton Fund Consolidation Account Award (GNCA).



**AUDA-NEPAD**  
AFRICAN UNION DEVELOPMENT AGENCY



East, Central and Southern  
Africa Health Community  
*Fostering Regional Cooperation for Better Health*



UNIVERSITY  
*of York*

## EXECUTIVE SUMMARY

The *Thanzi Programme Partners Workshop: supporting the realisation of the ALM-Declaration* was hosted at the University of York on 28 February – 2 March 2023. It was convened by a team at York's Centre for Health Economics (CHE) part of the [Thanzi Programme](#), in collaboration with *Thanzi* research partners – the East Central & Southern Africa Health Community (ECSA-HC), and the African Union agency – AUDA-NEPAD.

The Workshop was focused upon the [African Leaders Meeting-Investing in Health Declaration \(ALM-Declaration\)](#); a commitment signed by the Heads of all African Union member states in 2019, which aims to promote an increase in domestic funding for health systems and services across Africa. Included in this commitment are objectives comprising the establishment of Regional Health Financing Hubs, the strengthening of research into and understanding of healthcare financing in African contexts, and support for Member States to increase domestic investments in health. The African Union tasked AUDA-NEPAD to deliver against this ALM-Declaration commitment, and the *Thanzi Programme Partners Workshop* was pitched as an opportunity to reflect upon how international research communities – such as the *Thanzi Programme* – can best contribute towards these ambitions.

Delegates to the Workshop included senior representatives from Pan-African agencies and organisations, including: AUDA-NEPAD (delegation led by the Head of Science, Technology and Innovation Hub responsible for the ALM-Declaration, Professor Aggrey Ambali), the African Union Commission, the Southern Africa Development Community, the East African Community, the West African Health Organization, and ECSA-HC. Representatives from national Ministries of Health and national public universities/medical schools in Ghana, Malawi, Senegal and Uganda were also in attendance, alongside *Thanzi Programme* partners (Imperial College London, Kamuzu University, Makerere School of Public Health, ODI, University College London) and international donors and development NGOs (BMGF, UK Medical Research Council, UK Foreign Commonwealth & Development Office, Norad, the Global Fund to Fight AIDS, Tuberculosis & Malaria). The Workshop was officially opened by the University of York Vice Chancellor, Professor Charlie Jeffrey, with a delegation from the University Executive Board (Professors Matthias Ruth, Karen Rowlingson and Andy Dougill).

Over three days, delegates discussed a number of topics framed within three core pillars: (1) research and evidence generation; (2) capability and capacity building; and (3) policy and research engagement. These three pillars form the foundation for the *Thanzi Programme* and its activities. Key messages are summarised below:

With respect to research needs:

- Innovative research is needed to examine how different health financing models can be utilised to strengthen domestic health system resources.
- There is a demand for greater research and evidence on how African Union member states manage the uptake of new health interventions, or scale-up the provision of existing services in order to achieve Universal Health Coverage.
- More research is needed into how investment in other sectors beyond health can have positive spill-over impacts upon the health sector. Priority areas include: addressing road safety issues; investing in agriculture to reduce malnutrition; exploring links between climate change, biodiversity and health.
- Exploring behavioural economics to better understand how individual actions with respect to healthcare resource allocation, and how governance structures can help to address 'resource leaks'.

There was a great deal of interest in opportunities for health economics capability and capacity strengthening, including how the University of York can facilitate this growth. Priorities and initiatives discussed/ agreed at the Workshop include:

- Supporting the growth of post-graduate health economics training delivered by African universities, highlighting the new and existing MSc courses at Makerere School of Public Health, Kamuzu University of Health Sciences, University of Ghana, and Cheikh Diop University; establishing a network of training providers in Europe and Africa to facilitate shared learning between staff and students (e.g. summer schools, visiting lectureships, student exchanges).
- Continuing the growth of the [Global Health Economics Hub](#), established and maintained by the *Thanzi Programme* and ECSA-HC; using this, and other platforms and means, to provide training in the theory and methods of health economics for use by policy-makers across the continent.
- Channelling bespoke training on key health economics topics through the regional health financing hubs, established under the ALM-Declaration.

Closer engagement between researchers and policy-makers was a key discussion point throughout the Workshop. Delegates were in agreement that greater collaboration is needed to ensure shared learning between all parties. Delegates emphasised the need for researchers and policy-makers to “speak the same language” which can only be achieved through a combination of greater familiarity of health economics approaches, and closer collaboration on the design and delivery of research. Planning and considering the scale-up of research findings and pilots to mainstream interventions was also highlighted as a priority to ensure that research truly informs real-world change.

#### KEY TAKE-AWAY POINTS AND NEXT STEPS

- The launch of new Health Economics Distance Learning MSc Scholarships for individuals from across Africa was announced, with the first intake commencing in September 2023.
- Commitment was given to establish a regional Health Economics Community of Practice in West Africa, led by WAHO. This HE-COP would be a sister community to the already well-established HE-COP operating in the East Central and Southern Africa region, administered by ECSA-HC.
- Professor Matthias Ruth committed to reconvening the same organisations again in two years, to assess the progress made against the ALM-Declaration commitments, and to revise the research priorities as required.



## INTRODUCTION

The *Thanzi Programme Partners Workshop: supporting the realisation of the ALM-Declaration* was held at the University of York (UK) on 28 February - 2 March 2023. This event was convened by the *Thanzi Programme* in collaboration with the [African Union Development Agency - New Partnership for Africa's Development \(AUDA-NEPAD\)](#) and the [East Central & Southern Africa Health Community \(ECSA-HC\)](#), with the objective to bring-together health experts from across Africa to learn more about the African Leadership Meeting-Investing in Health Declaration (ALM-Declaration) and to strategise on how research can be used to support delivery of the ALM-Declaration commitments.

## AFRICAN LEADERSHIP MEETING - INVESTING IN HEALTH

Orchestrated by the African Union during a meeting of the Heads of States and Governments in Addis Ababa (Ethiopia) in February 2019, the ALM-Declaration was initiated to promote an increase in domestic funding for health systems and services across Africa as part of on-going efforts towards meeting Universal Health Coverage goals<sup>[1]</sup>. The ALM-Declaration includes several high-level commitments, including the establishment of Regional Health Financing Hubs (RHFH) to strengthen research into/ understanding of healthcare financing in African contexts and to provide technical support to member states to increase investments in health.

The African Union Development Agency - New Partnerships for Africa's Development (AUDA-NEPAD) was tasked with the responsibility of delivering the ALM-Declaration commitment to establish RHFHs and develop the Private Sector Engagement Framework. The Agency has engaged with regional economic communities and international NGOs to support it in the delivery of these commitments.

## THANZI PROGRAMME

The [Thanzi Programme](#) is a community of individuals and organisations working on research and evidence generation to support health system strengthening and health resource allocation decision-making in lower-income settings. Launched in 2017 with the foundational project, *Thanzi la Onse (Health of All)*, the *Programme* has since expanded to include multiple projects leading on innovative research-to-policy initiatives across East and Central Africa, with ambitions to expand to West Africa.

With its Secretariat split between the Centre for Health Economics (CHE) University of York and the ECSA Health Community headquarters in Arusha (Tanzania), the *Thanzi Programme* is grounded in the ethos of locally owned, designed and led research. *Thanzi* work is characterised by three interrelated pillars of activity:

- High quality, novel and locally relevant research generation.
- Capability and capacity building in areas of health economics and modelling.
- Research-to-policy engagement with national-level Ministries of Health and Finance planning departments.

## WORKSHOP OBJECTIVES AND PARTICIPANTS

The *Thanzi Programme Partners Workshop* provided an opportunity to examine and discuss how research in health economics and related disciplines could be commissioned and harnessed to support the delivery of the RHFHs and other ALM-Declaration commitments, as well as to explore the skills/knowledge gaps and demand for training in health economics across Africa. Time was given for collaborative discussion and joint planning of a research agenda to support in the delivery of the ALM-Declaration, including identification of synergies between existing research activities. This general aim was condensed into three main objectives:

1. Demonstrate the commitment by the *Thanzi Programme* towards supporting AUDA-NEPAD and the African Union in delivering its initiative for greater health financing, and identifying where *Thanzi* may best contribute.
2. Set the groundwork for a stronger research partnership between research and policy actors in the East and West Africa regions.
3. Showcase to partners across Africa the work that is being undertaken at the University of York in collaboration with ECSA health research institutions into health needs and challenges in lower-income settings, and identify opportunities for future collaboration.

The full agenda is available in [Appendix 1](#).

Delegates to the Workshop included senior representatives from Pan-African agencies and organisations, including: AUDA-NEPAD (delegation led by the Head of Science, Technology and Innovation Hub responsible for the ALM-Declaration, Professor Aggrey Ambali), the African Union Commission, the Southern Africa Development Community, the East African Community, the West African Health Organization, and ECSA-HC.

Representatives from national Ministries of Health and national public universities/ medical schools in Ghana, Malawi, Senegal and Uganda were also in attendance, alongside *Thanzi Programme* partners (Imperial College London, Kamuzu University, Makerere School of Public Health, ODI, University College London) and international donors and development NGOs (Bill and Melinda Gates Foundation, UK Medical Research Council, UK Foreign Commonwealth & Development Office, Norad, the Global Fund to Fight AIDS, Tuberculosis & Malaria).

The Workshop was officially opened by the University of York Vice Chancellor, Professor Charlie Jeffrey, with a delegation from the University Executive Board (Pro-Vice Chancellor for Research, Professor Matthias Ruth; Dean of Social Sciences, Professor Karen Rowlingson; and Dean of Sciences, Professor Andrew Dougill).

The full delegate list is available in [Appendix 2](#).



## WORK TO DATE ON THE ALM-DECLARATION

Since its initiation in 2019, a range of different activities has been delivered to support the realisation of the ALM-Declaration's commitments. AUDA-NEPAD was tasked with overseeing activities supporting the design, establishment and implementation of the Regional Health Financing Hubs (RHHs), and the agency has collaborated with the Regional Economic Communities (RECs)<sup>1</sup> to implement initiatives using contextually sensitive approaches across Africa. Financial and facilitation support has also been provided by international agencies, such as the Global Fund to Fight AIDS, Tuberculosis and Malaria, to progress against specific ALM-Declaration commitments.

## NATIONAL DIALOGUES BETWEEN MINISTRIES OF HEALTH AND FINANCE IN EAST AFRICA

A key milestone along the path of establishing the RHHs is improving the coordination and collaboration between national Ministries of Health and Finance. Improved domestic health resource revenue generation and allocation is reliant upon ensuring Treasuries understand the importance and economic value of investing in improved health systems, and strengthening trust in the ability of Ministries of Health to effectively command and allocate their budgets. To meet these aims, AUDA-NEPAD, in collaboration with RECs and Development Partners, and in particular the Global Fund to Fight AIDS, Tuberculosis & Malaria, proposed holding a series of national dialogues between key policy-makers in Ministries of Health and Finance to discuss health financing and assess how to make improvements nationally.

The first series of dialogues was planned by the Southern African Development Community (SADC) with support from the Global Fund. A comprehensive economic analysis report was commissioned from the *Thanzi Programme* by the Global Fund to inform the national dialogue discussions, and SADC engaged with the East Central & Southern Africa Health Community (ECSA-HC) to conduct preliminary sensitisation and groundwork ahead of the national dialogues taking place. Five countries were identified from the region as the locations for the first dialogues: Eswatini, Malawi, Mauritius, Zambia, and Zimbabwe.

Malawi hosted the first national dialogue in October 2022, with dialogues in the four remaining countries planned for later in 2023. A [full summary](#) of the national dialogue work and the [economic analysis report](#) are available to access using the links above.

---

<sup>1</sup> Arab Maghreb Union (UMA); Common Market for Eastern and Southern Africa (COMESA); Community of Sahel-Saharan States (CEN-SAD); East African Community (EAC); Economic Community of Central African States (ECCAS); Economic Community of West African States (ECOWAS); Intergovernmental Authority on Development (IGAD); and Southern African Development Community (SADC).



## POLICY CHALLENGES AFFECTING THOSE IMPLEMENTING THE ALM-DECLARATION

Despite the universal acknowledgement that increased domestic funding for health care across Africa is an important ambition, the reality of implementing and managing such a system raises questions and concerns among policy- and decision-makers. These issues are compounded by the existing challenges associated with resource allocation facing governments in lower-income settings.



During the *Thanzi Programme Partners Workshop*, a panel of policy-makers from Ministries of Health discussed the key questions and challenges affecting them in their day-to-day duties. The panel was chaired by Dr. Woldemedhin Haile of AUDA-NEPAD, with panel members including: Dr. Tom Candia Aliti (Commissioner for Health Services, Ministry of Health, Uganda), Mrs. Kate Langwe (Director of Planning, Ministry of Health, Malawi), and Prof. Emmanuel Ankraah Odame (former Director of Planning, Ministry of Health, Ghana).

## RESEARCH PRIORITIES TO SUPPORT THE ALM-DECLARATION

The *Thanzi Programme Partners Workshop* provided an opportunity for delegates to listen and discuss the latest research on health financing in African contexts, and collectively identify the priority data and evidence which is required in order to meet the commitments set out in the ALM-Declaration.

### LATEST RESEARCH FINDINGS

*Thanzi Programme* researchers provided summaries of recent work which has contributed towards resource allocation decision-making in Malawi and Uganda and informed national dialogues between Ministries of Health and Finance as part of the ambitions to establish RHFH. This work reflected seven core research areas under the *Thanzi Programme*: (1) intervention choice and health benefit package design; (2) economics of health system constraints; (3) determinants of health and inter-sectoral allocation; (4) prioritisation of research activities; (5) markets and incentives, and economics of healthcare provision; (6) macroeconomics of health (i.e. more money for health); and (7) health system and disease modelling.



Ms. Sakshi Mohan (Centre for Health Economics, University of York) summarised analyses she has led which are designed to inform policy-makers on how to make resource allocation decisions which account for health system constraints, including using data from Uganda to evidence how investment in certain cadres of healthcare professionals can generate the most health<sup>[2]</sup>. She discussed work undertaken with the Ministry of Health Department of Planning in Malawi into the use of a mathematical formula to better calculate the most effective allocation of health resources across different

geographic districts<sup>[3]</sup>. Sakshi also summarised ongoing work into the incorporation of equity concerns in resource allocation decisions<sup>[4]</sup>, and the evaluation methods applied to health programmes which involve multiple stakeholders and sectors (using the Social Cash Transfer Programme in Malawi as an example)<sup>[5]</sup>. She concluded by summarising research conducted into value-of-information analysis, assessing the value of investing in improved evidence to address uncertainty in currently available data in Malawi and how this translated into positive health gains<sup>[6]</sup>.

Dr. Wiktoria Tafesse (Centre for Health Economics) summarised work undertaken within the *Thanzi Programme* exploring the differences between private and public healthcare organisations, and the analysis determining the health benefits from utilising private providers to increase health coverage. She presented work undertaken in Malawi into the role of non-profit faith-based providers, evaluating the impacts of government service level agreements with these providers, including: evaluating the different clinical knowledge of healthcare workers at faith-based and government facilities; adherence to clinical guidelines, such as family planning guidelines<sup>[7]</sup>; assessing determinants which affected patients' choice of faith-based or government facilities<sup>[8]</sup>; and evaluating the impact upon maternal healthcare services.

Ms. Priscilla Kandoole (Centre for Health Economics) presented her recent work examining the two-way relationship between health expenditure and the macroeconomy, including reviewing the shocks which affect both macro and health outcomes. Her findings revealed that health spending can be viewed as an economic investment as opposed to a cost, as long-term investment in health improves population health and stronger economic returns<sup>[9]</sup>. She demonstrated that the economic multiplier effect of health spending is not as sizeable as some other forms of public spending, and put forward a case for further research into this topic to better understand how to increase the multiplier effect of health spending.

Profs. Tim Hallett (Imperial College London), Andrew Phillips (University College London) and Dr. Tara Mangal (Imperial College London/Centre for Health Economics) co-presented on the long-term work undertaken on the development of the [Malawi health system model](#) and the work to expand the model planned under the *Thanzi la Mawa (Health of Tomorrow)* project by a team of epidemiologists and modellers in Malawi and the UK. The first of its kind in the world, the computer model simulates the entire health system of Malawi, which will allow users to 'test' the effect of new health interventions, and different investment and health financing strategies upon population health. Unlike other models, the *Thanzi* model allows for simulations which illustrate the sector-wide effects of investment as opposed to specific epidemiological cadres or sociodemographic groups. The presenters discussed emerging analysis work undertaken using the model, as well as the team's ambitions to establish the front-end of the model in the coming years as they move towards full deployment on the ground.



Further information about each presentation topic is available in the presentation slides in [Appendix 3](#).

## RESEARCH PRIORITIES IDENTIFIED

During the *Workshop*, research leaders from across Africa took part in a panel session to discuss the most pressing research priorities identified from consultation with policy-makers, and to reflect upon their on-going areas of research. The panel was chaired by Dr. Takondwa Mwase (AUDA-NEPAD), with panellists consisting of Dr. Ama Fenny (University of Ghana), Prof. Joseph Mfutso-Bengo (Kamuzu University of Health Sciences), and Prof. Freddie Ssengooba (Makerere School of Public Health).

While the discussion was broad and covered a number of different topics, five priority areas of research were identified.

## RESOURCE ALLOCATION ACCOUNTING FOR INPUT AND AVAILABLE RESOURCES

There was general agreement that further research is required into the design of health benefit packages (HBPs) in order to align them more closely to the available resources in each country setting. By framing HBPs to reflect the reality of resource constraints, evidence demonstrates that there is a greater likelihood that all (or the majority) of the interventions included will be implemented and made accessible to a greater proportion of the population. Greater research is required to apply the types of methods employed in Malawi and Uganda elsewhere across Africa. Delegates emphasised the importance of ensuring that resource allocation plans are not isolated from national health plans, and instead are built into these strategies and reflect the ambitions set out at the government level.

## MANAGING THE UPTAKE OF NEW INTERVENTIONS AND SCALE-UP OF SERVICES TO ACHIEVE UNIVERSAL HEALTH COVERAGE

There has been an increased interest in the role of Health Technology Assessment (HTA) in Africa as a means of guiding investment. Policy-maker delegates expressed interest in better integrating HTA into their decision-making processes, including receiving training and learning opportunities in HTA methods. The Workshop discussions revealed a strong desire to improve Africa's capability to administer HTA, and to use this to support decision-makers in assessing the value of investing in new technologies. While this interest was generally welcomed, the *Thanzi Programme* delegates expressed caution in focussing upon HTA at the expense of considering other health system strengthening factors, and advocated for the application of HTA alongside other health economics analysis tools.



## INTERSECTORAL RESOURCE ALLOCATION AND INVESTMENT BEYOND THE HEALTH SECTOR

Health is increasingly recognised as multisectoral, with investment in other sectors indirectly affecting population health outcomes, access and demand. Delegates discussed the roles of education and action towards preserving climate/ biodiversity, and their impacts on health. This included a presentation by Prof. Hilary Graham (Health Sciences, University of York) who co-leads the [Lancet Countdown on Health & Climate Change](#), which is designed to strengthen evidence available at a global and regional level to help track progress on health and climate change. While this topic has a wide range of potential research areas, throughout the Workshop, three initial priority questions were identified:

- How can investment into roads address safety concerns and create savings for health?

- How can agriculture investment reduce rates of malnutrition?
- What are the linkages between climate, biodiversity and health?

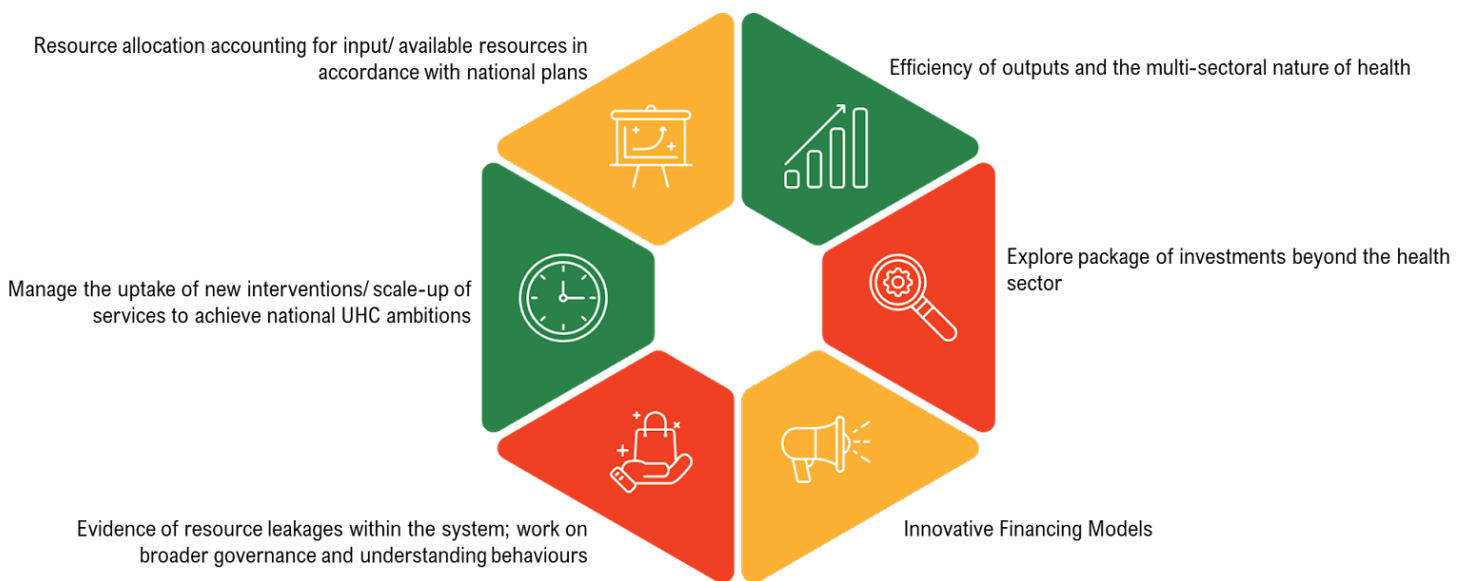
### BEHAVIOURAL ECONOMICS AND GOVERNANCE OF HEALTH INVESTMENT DECISION-MAKING

Demand for greater understanding of the cause of resource leakages within healthcare systems was evident throughout the discussions at the Workshop. It was recognised that inefficiencies across national systems need to be addressed, and delegates advocated for research in behavioural economics and the governance of decision-making to better understand how to reduce resource leakages.

### INNOVATIVE FINANCING MODELS

As part of efforts to improve health financing across Africa, delegates expressed an interest in researching Innovative Financing Models which provide alternative methods of financing and validate evidence of alternative funding models.

Figure 1 Priority areas of research in supporting the ALM-Declaration



## CAPABILITY AND CAPACITY BUILDING PRIORITIES TO SUPPORT THE ALM-DECLARATION

Throughout the Workshop's three days, the topic of capability and capacity strengthening was raised frequently. There was general agreement among all delegates that there is a great need to build the ability and confidence of everyone working towards the realisation of the ALM-Declaration's commitments in order to support more effective communication and collaboration across all parties. Health economics was highlighted as a particularly important area of expertise which requires strengthening across Africa, and an essential field to utilise for addressing health financing challenges affecting many countries.

## DEMAND FOR GREATER COLLABORATION BETWEEN RESEARCHERS AND POLICY-MAKERS

Closer engagement between researchers and policy-makers was a key discussion point throughout the Workshop. Delegates were in agreement that greater collaboration is needed to ensure shared learning between all parties; many emphasised the need for researchers and policy-makers to "speak the same language", which can only be achieved through a combination of greater familiarity of health economics approaches and closer collaboration on the design and delivery of research.

The Health Economics & Policy Unit (HEPU) in Malawi and Health Economics & Policy Program (HEPP) in Uganda were both highlighted as gold-standard examples of ways to facilitate greater research-and-policy engagement. The jointly-owned Units, based in each country's national public university, serve as a meeting place where researchers and policy-makers can engage and share knowledge/information about policy needs and the latest research findings, and work towards co-designing a policy-informed research agenda. Delegates were in agreement that pursuing these approaches in other country settings across Africa would be valuable; *Thanzi Programme* representatives drew delegates' attention to the [concept notes](#) prepared by teams in Eswatini, The Gambia, Ghana, Senegal and Zimbabwe for similar Units in their contexts, as a starting point.

West African delegates also expressed an interest in establishing a sister health economics community of practice (HE-COP) to the one successfully launched by the ECSA Health Community in 2020. The ECSA HE-COP is a network of researchers from national public universities and policy-makers from national Ministry of Health planning departments who convene annually to share knowledge, undertake health economics training, and co-design research agendas for the region. The West African Health Organization committed to collaborating with the ECSA Health Community and *Thanzi Programme* to design a new HE-COP for the West Africa region.

## POSTGRADUATE-LEVEL TRAINING IN HEALTH ECONOMICS



Delegates listened to presentations from training leads at Kamuzu University of Health Sciences, Makerere School of Public Health, the University of Ghana, and the University of York who provided overviews of the training opportunities in health economics on offer at their institutions.

Profs. Joseph Mfutso-Bengo (Director of the HEPU, Kamuzu University) and Freddie Ssenooba (Director of the HEPP, Makerere University) gave a summary of the new health economics MSc programmes due for launch at their institutions in 2023/24. These new

programmes were initiated in response to a demand for more African-led postgraduate health economics training in the region, and are intended to generate a stronger pipeline of trained individuals to enter decision-making and academic career routes.

Dr. Ama Fenny (Senior Research Fellow, University of Ghana) provided an overview of the well-established health economics MSc currently available at the University, and Prof. Helen Weatherly (former head of the Health Economics Distance Learning (HEDL) programme at York) and Dr. James Lomas (current head of the HEDL) gave a summary of the health economics online and residential MSc programmes available from York. All highlighted the potential value added to their programmes through collaboration with other providers. Profs. Mfutso-Bengo and Ssengooba praised the collaboration with the University of York on the design of their MSc curricula, and Prof. Weatherly and Dr. Lomas expressed their wish to evolve York's current MSc curriculum - through consultation with colleagues in Africa - to reflect how the theories being taught can be applied to challenges experienced in lower-income country settings.

During the Workshop closing remarks, Prof. Yvonne Birks (Associate Dean of the Social Sciences Faculty) and Prof. Matthias Ruth (Pro-Vice Chancellor for Research) announced the launch of a fully-funded studentship cohort to York's HEDL, supported by a match-funding grant by the University of York to the *Thanzi Programme* and *Thanzi Labwino* project (funded by the Global Institute for Disease Elimination). The studentships will be made available to candidates from across Africa, and are intended to provide a means for students to achieve a health economics MSc while continuing to work and apply their new skills in their home settings. The first cohort is anticipated to commence from September 2023.

#### SUPPORTING THE ENTIRE CAREER PATHWAY



It was recognised that capability building in health economics is required at every stage of the career pathway to facilitate productive research-and-policy engagement. During the academics' panel session, delegates discussed the challenges affecting their health systems as a result of limited support at different levels of the career pathway, including: policy-makers' ambitions for the application of health economics not being in-line with the current national levels of capability/ capacity, thereby risking a disconnect and loss of trust in the field; decision-making being slowed owing to a lack of

high-quality data and limited understanding of health economics findings (from hospital to national government levels); and clinically trained staff being unable to find employment opportunities and seeking to apply their skills outside of their home country.

Delegates stressed the importance of identifying where training in health economics is best focussed, and acknowledged that this may be different from country to country. For example, Malawian delegates emphasised the value of investing in capability building at the central hospital level. In addition to a greater commitment to investing in health economics capability building, delegates expressed a demand for greater access to materials and information which can be consumed by a wide range of individuals/professions throughout the career pathway.

Prof. Helen Weatherly presented an example of efforts to provide greater access to digital training materials: the [Global Health Economics Hub](#) is an online platform operated by the *Thanzi Programme*

and ECSA Health Community, which provides a catalogue of freely available recorded lectures, short-courses, digital tools, publications, and tasters of residential courses. The materials cater for a range of individuals, with foundational through to advanced knowledge levels. Delegates also expressed a wish to see more bespoke and tailored short-course training made available for those working in their health care sectors; delegates from training providers in Africa and the Global North acknowledged this demand and committed to exploring ways to collaborate in order to meet this need.

#### COLLABORATION BETWEEN TRAINING PROVIDERS

There was general agreement among all presenters that forging a network of health economics training providers across Africa and trusted partners in the Global North, could provide a valuable platform for shared learning, e.g. visiting lectureships, student exchanges, joint summer schools. Under the *Thanzi Programme*, collaborations have already taken place to great success: Kamuzu University of Health Sciences, Makerere School of Public Health, and the University of York collaborated together to co-develop the curricula for the new residential health economics MSc programmes due for launch in Malawi and Uganda in 2023/24, including York sharing materials from its existing MSc programme and providing 'critical friend' reviews of draft curricula. Delegates from York also expressed a wish to collaborate with African colleagues to review its HEDL and residential MSc curricula to increase diversity in their content and better represent challenges/ contexts outside of the Global North.

Delegates agreed to collaborate in an effort to recreate these types of shared learning and mutually beneficial support, and to expand this to cover a greater number of training providers and students, through the establishment of a dedicated network of lecturers, researchers, and students.



## COMMITMENTS AND AGREED ACTIONS

Over the three days of discussion and debate, several key messages arose and commitments were agreed. These were aligned to the three core pillars of *Thanzi Programme* activity: (1) research and evidence generation needs; (2) capability and capacity strengthening in the field of health economics and related disciplines; and (3) research-and-policy engagement.

- 1** There was general agreement among all delegates to take forward the research priorities, and to pursue funding opportunities together to support these endeavours. This includes identifying pump-priming opportunities to lay the foundations for applying novel health economics analyses - honed in the East Central and Southern Africa region - to the West Africa region.
- 2** The launch of new Health Economics Distance Learning MSc Scholarships for individuals from across Africa, with the first intake commencing in September 2023.
- 3** Commitment given to establish a regional Health Economics Community of Practice (HE-COP) in West Africa, led by the West African Health Organization. This HE-COP would be a sister community to the already well-established HE-COP operating in the East, Central and Southern Africa region, administered by the ECSA Health Community.
- 4** Professor Matthias Ruth committed to reconvening the same organisations again in two years, to assess the progress made against the ALM-Declaration commitments, and revise the research priorities as required.





## REFERENCES

- [1] Review of *ALM-Declaration Briefing Paper 2023*. 2023. African Union Development Agency - New Partnerships for Africa's Development.
- [2] Mohan, Sakshi, Simon Walker, Freddie Sengooba, Elizabeth Ekirapa Kiracho, Chrispus Mayora, Aloysius Ssenyonjo, Candia Tom Aliti, and Paul Revill. 2023. "Supporting the Revision of the Health Benefits Package in Uganda: A Constrained Optimisation Approach." *Health Economics*, March. <https://doi.org/10.1002/hec.4664>.
- [3] McGuire, Finn, Paul Revill, Pakwanja Twea, Sakshi Mohan, Gerald Manthalu, and Peter C. Smith. 2020. "Allocating Resources to Support Universal Health Coverage: Development of a Geographical Funding Formula in Malawi." *BMJ Global Health* 5 (9): e002763. <https://doi.org/10.1136/bmjgh-2020-002763>.
- [4] Yang, Fan, Kenneth R. Katumba, Giulia Greco, Janet Seeley, Elizabeth Ekirapa-Kiracho, Paul Revill, and Susan Griffin. 2022. "Incorporating Concern for Health Equity into Resource Allocation Decisions: Development of a Tool and Population-Based Valuation for Uganda." *Value in Health Regional Issues* 31 (September): 134–41. <https://doi.org/10.1016/j.vhri.2022.04.006>.
- [5] Ramponi, Francesco, Dominic Nkhoma, and Susan Griffin. 2021. "Informing Decisions with Disparate Stakeholders: Cross-Sector Evaluation of Cash Transfers in Malawi." *Health Policy and Planning* 37 (1): 140–51. <https://doi.org/10.1093/heapol/czab137>.
- [6] Schmitt, Laetitia, Jessica Ochalek, Karl Claxton, Paul Revill, Dominic Nkhoma, and Beth Woods. 2021. "Concomitant Health Benefits Package Design and Research Prioritisation: Development of a New Approach and an Application to Malawi." *BMJ Global Health* 6 (12): e007047. <https://doi.org/10.1136/bmjgh-2021-007047>.
- [7] Tafesse, Wiktorija, and Martin Chalkley. 2021. "Faith-Based Provision of Sexual and Reproductive Healthcare in Malawi." *Social Science & Medicine* 282 (August): 113997. <https://doi.org/10.1016/j.socscimed.2021.113997>.
- [8] Tafesse, Wiktorija, and Martin Chalkley. 2022. Review of *The Relationship between Healthcare Ownership and the Demand for Health Services in Malawi*, 222–24. [https://afhea.org/docs/2022c/Final%206th%20AfHEA%20Conference%20Abstracts%20Book\\_EN\\_%20April%202022-1.pdf](https://afhea.org/docs/2022c/Final%206th%20AfHEA%20Conference%20Abstracts%20Book_EN_%20April%202022-1.pdf).
- [9] Rao, Megha, Takondwa Mwase, Edward Kataika, Priscilla Kandoole, Paulo Santos Monteiro, Jessica Ochalek, Karl Claxton, Miqdad Asaria, Sakshi Mohan, and Paul Revill. 2022. Review of *Economic Analyses to Guide Health Financing Dialogues between Ministries of Finance and Health in Five ECSA Countries*. Centre for Health Economics, University of York. [https://thanzi.org/wp-content/uploads/GF-Full-Report\\_Final-Draft\\_21st-Nov.pdf](https://thanzi.org/wp-content/uploads/GF-Full-Report_Final-Draft_21st-Nov.pdf).

APPENDIX 1: WORKSHOP AGENDA

Day 1 (Tuesday 28 February)   The Treehouse (BS/104), Berrick Saul Building		
Theme: <i>The African Union health financing commitments and Thanzi Programme contributions to health economics in East Africa</i>		
08:45 - 09:15	Arrival and registration Welcome coffee	
09:15 - 10:00	<p><b>Session 1: Official welcome to the University of York</b></p> <p>Welcome to the University of York by the Vice Chancellor</p> <p>Introduction to research and research-partnerships at the University of York by the Pro-Vice Chancellor for Research</p> <p>Introduction to health research at the University of York by the Deans of the Faculties of Social Sciences and Sciences</p> <p>Introduction by the Director of the Centre for Health Economics (CHE)</p>	<p>Prof. Charlie Jeffery (Vice Chancellor)</p> <p>Prof. Matthias Ruth (Pro-Vice Chancellor)</p> <p>Prof. Karen Rowlingson (Dean of Social Sciences) Prof. Andrew Dougill (Dean of Sciences)</p> <p>Prof. Mark Sculpher (Director of CHE)</p>
10:00 - 11:15	<p><b>Session 2: Introductions by senior African leadership</b></p> <p>Welcome and introduction to the African Union Commission by the Director of the Health &amp; Humanitarian Affairs Directorate</p> <p>Welcome and introduction to AUDA-NEPAD by Senior Advisor and Technical Lead on the <i>AUDA-NEPAD African Leadership Meeting - Investing in Health declaration</i></p> <p>Welcome and overview of the East Central &amp; Southern Africa Health Community (ECSA-HC) Health Economics Community of Practice by the Director General of ECSA-HC</p> <p>Welcome and overview of the role of the Southern African Development Community (SADC) in meeting the ALM-Declaration by the Director of Social &amp; Human Development, SADC</p> <p>Welcome and overview of the East African Community (EAC) and its role in meeting the ALM-Declaration, by Health Financing Expert at EAC</p> <p>Welcome and introduction to the West African Health Organisation (WAHO) by the Director of Health Economics &amp; Health Systems, WAHO</p>	<p><b>Chair:</b> Mr. Edward Kataika (ECSA-HC)</p> <p>Prof. Julio Rakotonirina (African Union)</p> <p>Prof. Aggrey Ambali (AUDA-NEPAD)</p> <p>Prof. Yoswa Mbulalina Dambisya (ECSA-HC)</p> <p>Ms. Duduzile Simelane / Dr. Lamboly Kumboneki (SADC)</p> <p>Dr. Regina Ombam (EAC)</p> <p>Mr. Ali Sani (WAHO)</p>
11:15 - 11:45	Morning refreshments	

11:45 - 12:00	<p><b>Introduction to the workshop objectives</b></p> <p>Run through of the agenda and expected activities/ points for discussion at the workshop.</p> <p>Seek immediate feedback from delegates on their expectations for the workshop.</p>	<p>Ms. Maria Namyalo (AUDA-NEPAD)</p> <p>Ms. Alex Rollinger (<i>Thanzi</i> Programme Manager, CHE)</p>
12:00 - 13:00	<p><b>Session 3: Introduction to the AUDA-NEPAD ALM-Investing in Health Declaration</b></p> <p>Overview of the ALM-Declaration made by African Heads of State</p> <ul style="list-style-type: none"> <li>• Overview of the ALM-Declaration and its aims</li> <li>• Commitments and deliverables of the ALM-Declaration</li> <li>• Strengthening Africa's Health Financing Systems through Regional Health Financing Hubs</li> </ul>	<p><b>Chair:</b> Prof. Aggrey Ambali (AUDA-NEPAD)</p> <p>(AUDA-NEPAD delegation)</p> <p>Ms. Noma Bhebhe</p> <p>Dr. Takondwa Mwase</p>
13:00 - 14:00	Lunch	
14:00 - 15:15	<p><b>Session 4a: <i>Thanzi</i> Research: Health Economics &amp; Health System Modelling</b></p> <p>Introduction and overview to the <i>Thanzi Programme</i></p> <p>Summary of health economics research to guide resource allocation in the health sector</p> <p>The economics of healthcare provision, examples from Malawi</p> <p>Summary of macroeconomic analysis into investment in health in ECSA region</p>	<p><b>Chair:</b> Prof. Paul Revill (CHE)</p> <p>Ms. Alex Rollinger (CHE)</p> <p>Ms. Sakshi Mohan (Research Fellow, CHE)</p> <p>Dr. Wiktorja Tafesse (Research Fellow, CHE)</p> <p>Ms. Priscilla Kandoole (ECR Impact Fellow, CHE)</p>
15:15 - 15:30	Afternoon refreshments	
15:30 - 16:45	<p><b>Session 4b: <i>Thanzi</i> Research: Health Economics &amp; Health System Modelling</b></p> <p>Overview of the <i>Thanzi Health System Model</i> in Malawi</p> <p>Are we missing an opportunity to prevent HIV and reduce costs?</p>	<p>Prof. Timothy Hallett (Imperial College London)</p> <p>Prof. Andrew Phillips (University College London)</p>
16:45 - 17:00	Day 1 wrap-up	Mr. Edward Kataika (ECSA-HC)

Day 2 (Wednesday 1 March)   The Huntingdon Room (K/122), King's Manor		
Theme: <i>Delivering on the African Union health financing commitments and exploring the need for interdisciplinary research</i>		
09:00 - 09:30	Arrival and registration Welcome coffee	
09:30 - 09:45	Recap of Day 1 and set-out ambitions for Day 2	Prof. Paul Revill (CHE)
09:45 - 11:15	<p><b>Session 5: Panel session on current health financing challenges for policy-makers</b></p> <ul style="list-style-type: none"> <li>• What challenges are policy-makers facing in regard to financing for health (i.e. "more money for health")?</li> <li>• What are the key resource allocation questions being asked by policy-makers (i.e. "more health for money")?</li> <li>• What are policy-makers' demands/ needs in respect to research and capability strengthening, to address these questions and challenges?</li> <li>• What are policy-makers' experiences of coordination between global partners in meeting their health financing needs? - where have these relationships worked and whether are improvements required?</li> </ul>	<p><b>Chair:</b> Dr. Woldemedhin Haile (AUDA-NEPAD)</p> <p><b>Panel members:</b>            Dr. Emmanuel Ankrah Odame (Korle-Bu Teaching Hospital)            Dr. Tom Candia Aliti (MOH, Uganda)            Mr. Stephen Banda (MOH, Zimbabwe)            Ms. Kate Langwe (MOH, Malawi)            Ms. Thiane Gueye (MOH, Senegal)</p>
11:15 - 11:30	Morning refreshments	
11:30 - 13:00	<p><b>Session 6: Panel session on health research priorities for academics and researchers</b></p> <ul style="list-style-type: none"> <li>• What health economics research is currently being undertaken in East and West Africa?</li> <li>• Are there research activities currently being planned which go towards addressing some of the challenges raised by policy-makers?</li> <li>• What health research ambitions do panellists wish to pursue in the future?</li> <li>• What role do panellists think global partners have to play in the planning, delivery/ production, and consumption of research into health financing challenges and the ALM-Declaration agenda?</li> </ul>	<p><b>Chair:</b> Dr. Takondwa Mwase (AUDA-NEPAD)</p> <p><b>Panel members:</b>            Dr. Ama Fenny (University of Ghana)            Prof Adama Faye (Université Cheikh Anta Diop)            Prof. Freddie Ssengooba (Makerere University)            Prof. Joseph Mfutso-Bengo (Kamuzu University)            Prof. Albert Makocheke (University of Zimbabwe)</p>
13:00 - 14:00	Lunch	

14:00 - 15:30	<b>Session 7: Open group discussion session on health research planning</b> <ul style="list-style-type: none"> <li>• Inform a health economics research agenda to meet the needs of policy-makers and to support the realisation of the ALM-Declaration</li> <li>• Identify opportunities for collaborative research activities</li> </ul>	<b>Chairs:</b> Prof. Freddie Ssengooba (Makerere University) Prof. Paul Revill (CHE)
15:30 - 15:45	Afternoon refreshments	
15:45 - 16:45	<b>Session 8: Working beyond health financing - addressing systemic risks</b> Panel session examining key areas: <ul style="list-style-type: none"> <li>• Environment, climate and health</li> <li>• Improved coordination across global players</li> </ul>	<b>Chair:</b> Dr. Richard Friend (Research Champion, UOY)  <b>Panel members:</b> Prof. Hilary Graham (Health Sciences, UOY) Dr. Woldemedhin Haile (AUDA-NEPAD)
16:45 - 17:00	Reflection upon panel sessions Day 2 wrap-up	Prof. Aggrey Ambali (AUDA-NEPAD)

<b>Day 3 (Thursday 2 March)   The Huntingdon Room (K/122), King's Manor</b> <b>Theme: <i>Strengthening capability in health economics and related disciplines</i></b>		
09:00 - 09:30	Arrival and registration Welcome coffee	
09:30 - 10:30	<b>Session 9: Health economics training provision by the University of York</b>  Overview summary of post-graduate, short-courses, and distance learning training provision by the Department of Economics & Related Disciplines and Centre for Health Economics  Official announcement of the <i>Thanzi Programme</i> scholarships to the York Health Economics distance learning MSc	<b>Chair:</b> Prof. Yvonne Birks (Associate Dean, Faculty of Social Sciences)  Prof. Helen Weatherly (CHE) Dr. James Lomas (Dept. Economics, UOY)
10:30 - 10:45	Morning refreshments	

10:45 - 11:30	<p><b>Session 10: Health economics and financing capability strengthening ambitions in East and West Africa</b></p> <p>Overview of the Global Health Economics MSc at Kamuzu University of Health Sciences</p> <p>Overview of the Health Economics MSc at Makerere School of Public Health</p> <p>Overview of the Health Economics MSc at Université Cheikh Anta Diop</p> <p>Overview of the Health Economics MHE at the University of Ghana</p>	<p><b>Chair:</b> Dr. Regina Ombam (EAC)</p> <p>Prof. Joseph Mfusto-Bengo (Kamuzu University)</p> <p>Prof. Freddie Ssengooba (Makerere University)</p> <p>Prof Adama Faye (Université Cheikh Anta Diop)</p> <p>Dr. Ama Fenny (University of Ghana)</p>
11:30 - 12:15	<p><b>Session 11: Open group discussion on capability building priorities and ambitions for the next 3-5 years</b></p> <ul style="list-style-type: none"> <li>• Inform a health economics capability building agenda to support the realisation of the ALM-Declaration</li> <li>• Identify opportunities for collaborative training and knowledge exchange activities</li> </ul>	<p><b>Chairs:</b></p> <p>Prof. Yoswa Mbulalina Dambisya (ECSA-HC)</p> <p>Prof. Issiaka Sombie (WAHO)</p> <p>Prof. Paul Revill (CHE)</p>
12:15 - 12:30	<p>Day 3 wrap-up</p> <ul style="list-style-type: none"> <li>• Summary of agreed activities and future actions</li> <li>• Revisit the expectations of the workshop by delegates and assess if these have been met</li> </ul> <p>Official thank you and close</p>	<p>Mr. Edward Kataika (ECSA-HC)</p> <p>Prof. Aggrey Ambali (AUDA-NEPAD)</p> <p>Prof. Matthias Ruth (Pro-Vice Chancellor)</p>

## APPENDIX 2: ATTENDEE LIST

Tom Candia Aliti	Commissioner Health Services	Ministry of Health (Uganda)
Aggrey Ambali	Head of Science, Technology and Innovation Hub	AUDA-NEPAD
Anna Bershteyn	Assistant Professor	New York University Grossman School of Medicine
Noleen Nomathamsanqa Bhebhe		AUDA-NEPAD
Yvonne Birks	Associate Dean of Social Sciences	University of York
Simon Bland	Chief Operating Officer	Global Institute for Disease Elimination
Laura Bojke	Professor of Health Economics	University of York (CHE)
Ginnette Morales Calderón	Head of the Executive Secretary's Office	SE-COMISCA
Tim Colbourn	Professor of Global Health Systems, Epidemiology and Evaluation	University College London
Yoswa Mbulalina Dambisya	Director General	ECSA Health Community
Andy Dougill	Dean of Sciences	University of York
Helen Elsey	Senior Lecturer in Global Health	University of York (Health Sciences)
Ama Pokuaa Fenny	Senior Research Fellow	University of Ghana
Linda Ko Ferrigno	University Impact Manager	University of York
Richard Friend	Research Champion for Risk, Evidence & Decision Making	University of York
Christopher Gerry	Dean of the Graduate School of Development	University of Central Asia
Hilary Graham	Professor	University of York (Health Sciences)
Thiané Gueye	Coordinator of the Health Economics Unit	Ministry of Health & Social Action (Senegal)
Woldemedhin Haile	Health Systems Expert	AUDA-NEPAD
Tim Hallett	Associate Director of the MRC Centre for Global Infectious Disease Analysis	Imperial College London
Tom Hart	Senior Research Fellow	ODI
Rowena Jacobs	Deputy Director	University of York (CHE)
Charlie Jeffery	Vice Chancellor	University of York
Jill Jones	Head of Global Health Strategy	Medical Research Council (UK)
Priscilla Kandoole	Early Career Researcher Impact Fellow	University of York (CHE)
Edward Kataika	Director of Programmes	ECSA Health Community

Jo Keatinge	Senior Health Advisor	Foreign, Commonwealth & Development Office
Kate Langwe	Director of Planning and Policy Development	Ministry of Health (Malawi)
Shannon Larsen	Senior Program Office (Development Policy and Finance)	Bill and Melinda Gates Foundation
James Lomas	Lecturer	University of York (Economics)
Everton Macêdo	Health Policy Specialist	Ministry of Health (Brazil)
Tara Mangal	Senior Research Fellow	Imperial College London/ University of York (CHE)
Finn McGuire	Research Fellow	University of York (CHE)
Joseph Mfutso-Bengo	Director of the Health Economics & Policy Unit (HEPU)	Kamuzu University of Health Sciences
José Estuardo Miranda Gomez	Coordinator of Regional Technical Processes	SE-COMISCA
Román Gerardo Cordero Mojica	Coordinator of the Project Portfolio Unit	SE-COMISCA
Sakshi Mohan	Research Fellow	University of York (CHE)
Rodrigo Moreno Serra	Associate Professor	University of York (CHE)
Mary Mwami	Research and Policy Associate	African Institute for Development Policy
Takondwa Mwase	Senior Health Economist	AUDA-NEPAD
Maria Stella Namyalo		AUDA-NEPAD
Alejandra Acuña Navarro	Executive Secretary	SE-COMISCA
Anthony Nedley	Senior Consultant	Wallace Nedley Consulting
Dominic Nkhoma	Health Economist	Kamuzu University of Health Sciences
Emmanuel Ankrah Odame	Lecturer	Korle-Bu Teaching Hospital
Regina Ombam	Health Financing Dialogue Facilitator	East African Community
Amy Potter	Health Advisor	Foreign, Commonwealth & Development Office (Malawi)
Julio Rakotonirina	Director of the Social Development, Culture & Sport Directorate	African Union Commission
Megha Rao	Research Fellow	University of York (CHE)
Paul Revill	Director of the <i>Thanzi Programme</i>	University of York (CHE)
Steph Richards	<i>Thanzi Programme</i> Coordinator	University of York (CHE)
Alex Rollinger	<i>Thanzi Programme</i> Manager	University of York (CHE)
Karen Rowlingson	Dean of Social Sciences	University of York
Matthias Ruth	Pro-Vice Chancellor for Research	University of York



Ali Sani	Director of Planning and Health	West African Health Organization
Paulo Santos Monteiro	Senior Lecturer	University of York (Economics)
Mark Sculpher	Director	University of York (CHE)
Dudzile Simelane	Director of Social and Human Development	Southern African Development Community
Issiaka Sombie	Senior Research Officer	West African Health Organization
Freddie Ssenooba	Director of the Health Economics & Policy Program (HEPP)	Makerere School of Public Health
Wiktorja Tafesse	Research Fellow	University of York (CHE)
Christine Wallace	Senior Consultant	Wallace Nedley Consulting
Helen Weatherly	Professor of Health Economics	University of York (CHE)
Alex Winch	Specialist, Health Financing Advocacy	Global Fund to Fight AIDS, Tuberculosis & Malaria
Moustapha Zakari	Program Coordination & Administration Consultant	African Union

## APPENDIX 3: PRESENTATIONS

**Thanzi Programme Partners Workshop**

Day 1 | 28 February 2023

*"The African Union health financing commitments and Thanzi Programme contributions to health economics in East Africa"*

University of York, UK  
28 Feb – 2 Mar 2023

**Thanzi Programme Partners Workshop**

Day 2 | 1 March 2023

*"Delivering on the African Union health financing commitments and exploring the need for interdisciplinary research"*

University of York, UK  
28 Feb – 2 Mar 2023

**Thanzi Programme Partners Workshop**

Day 3 | 2 March 2023

*"Strengthening capability in health economics and related disciplines"*

University of York, UK  
28 Feb – 2 Mar 2023

The contents of these slides are owned, and have been kindly made available by, the original presenters. Please do not use any of the content from these presentations without first seeking permission from the owners.