

Scottish Government Malawi Development Programme

End of Year 1 Report

1. General Project Information			
1.1	Project Reference Number:	MAL/18/04 - UoG	
1.2	Name of Organisation:	University of Glasgow	
1.3	Lead Partner(s):	[Redacted]	
1.4	Project Title:	Towards a Dental School for Malawi – The MalDent Project	
1.5	Reporting Period:	From: 01/10/2018 To: 31/03/2019	
1.6	Reporting Year:	2019	
1.7	Project Start date	01/10/2018	
1.8	Project End date	31/03/2023	
1.9	Total Project Budget*	£3,892,424	
1.10	Total Funding from IDF*	£1,312,424	
1.11	Have you made any changes to your logframe? If so please outline proposed changes in the table below. Please note all changes require Scottish Government approval. If changes have already been approved please indicate this in the table.		
	Outcome/Output	Proposed /Agreed Change	Reason for Change
			Date Approved and by whom
	A condition of the grant award was that the grant holders should provide ‘a revised MEL plan (including Log frame) following discussion of these issues with the Scottish Government’. The Lead Applicant worked with support from the Corra Foundation to refine the log-frame, which was subsequently approved by the University of Malawi College of Medicine, the Corra Foundation and Scottish Government. The revised version is attached as part of the Supporting Documentation.		
1.12	Supporting Documentation Check box to confirm key documents have been submitted with this report	Up to date Logical Framework, which reflects any changes detailed above.	X
		Up to Date Budget Spreadsheet	X
		Case Study	X

Report Author: [Redacted]	Signature: [Redacted]
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2. Progress and Results	
2.1	<p>Please give an update on the progress your project has made during the reporting period. Please use this space to update us on what has gone well and any challenges you have experienced, detailing how you have overcome these. (Max 500 words)</p> <p>The Project Lead in Malawi has been appointed Dr Peter Chimimba. Dr Chimimba’s experience of dentistry in the UK and Malawi, his additional training in Public Health in Oslo and his previous role as a senior officer within the Malawi Ministry of Health have been invaluable. The team-working ethos between all partners involved has been first class. An administrator to support the project locally at the College of Medicine will shortly be in post.</p> <p>The primary focus of the first six months of the project has been to develop a Bachelor of Dental Surgery degree curriculum and to gain sign-off and approval by the University of Malawi Senate. This output has been achieved. It was a critical initial phase to unlock the potential for a first intake of dental students to be enrolled in August 2019. Publicity about the new course and recruitment are now underway. The process of curriculum development resulted from very effective partnership working between the University of Malawi College of Medicine, the Dental Association of Malawi, Wits University and the University of Glasgow. The curriculum conference held in Mangochi in late November 2018, which included 50 participants from a wide range of academic, government and regulatory backgrounds, provided an excellent focus for finalising the curriculum documentation prior to Senate submission.</p> <p>The MalDent Project has stimulated valuable additional partnerships, including:</p> <ul style="list-style-type: none"> <li>• Joint working with the UK charity Bridge2Aid, which is establishing a partnership with the Dental Association of Malawi to develop a ‘task-shifting’ initiative to train Clinical Officers to deliver emergency dentistry in rural areas (Application submitted to Tropical Hygiene & Education Trust for £10K) <li>• Interactions with the Borrow Foundation to examine the options for undertaking a national child oral health survey in Malawi (Application for funding submitted – initial positive feedback with final decision due after Board of Trustees meeting in June 2019)

	<ul style="list-style-type: none"> • Joint working with [REDACTED] (Director of the Climate Justice Fund: Water Futures Programme, 2011 – 2030) and his team at Strathclyde University on fluoride levels in bore hole waters in Malawi. <p>In addition to the work plan associated with the £1.3m grant awarded in 2018, work is continuing to deliver outputs from the pump-priming grant (£60K) that was awarded in 2017, which included the servicing by the charity Dentaaid of 16 dental chairs donated by NHS Greater Glasgow & Clyde, together with six pre-clinical skills units donated by Dentaaid. The refurbished equipment was dispatched by container to Mozambique in December 2018. The equipment has now (early April 2019) arrived safely in Lilongwe. A team of two engineers from Dentaaid and one from the company Henry Schein will be in Malawi from 8-15 May to install this equipment at the Dental Department in Lilongwe and to conduct a full equipment survey to identify additional support needs moving forward. Jeremy Bagg will also be in Lilongwe at this time and will be facilitating discussions between the College of Medicine and staff from Henry Schein (South Africa) in relation to consumables supply chains for the new Dental School (Output Indicator 1.2.2 of the MalDent log frame).</p>
2.2	<p>Have you completed all baselines for the project? If not please explain why and describe what plans are in place to ensure these are completed. If you have please ensure these have been added into your logframe. (Max 200 words)</p> <p>Yes – these are all completed. Much of the base-line activity had been completed before the official commencement of the grant in October 2018.</p>
2.3	<p>Have you experienced any delays to planned activities? Please provide full details including what action is being taken to bring activities back on track. (Max 250 words)</p> <p>The main delay has been in procuring the design team to commence work on the planning of the building on the Blantyre Campus of the College of Medicine that will accommodate the dental students. The building will incorporate clinical facilities that present considerable technical challenges for those without experience of such projects. The Project Team in Malawi has concerns about procuring the design team in-country and has requested that we consider using a UK team with relevant experience and expertise. The issue has been discussed at a high level in Scottish Government International Development (SGID), as related issues are being faced by other health-related projects that require design of facilities in Malawi.</p> <p>Following a recent teleconference (3 April 2019) involving the College of Medicine, SGID and the University of Glasgow, it was agreed that we should explore the option of identifying, through tendering from the University of Glasgow, a UK design team. As part of this process, we would identify how we can use the project to upskill Malawian architects in relation to this type of design. Discussions are now underway with the University of Glasgow</p>

	<p>Procurement Office to identify the correct processes and commence the tendering process.</p> <p>A second delay has related to the requirement within the Malawi Ministry of Health to appoint a new Lead for Oral Health, following the resignation of [REDACTED], the previous incumbent. A successor has been appointed recently, which will facilitate the Oral Health Policy work, moving forward.</p>		
2.4	<p>Project Outcomes</p> <p>In the table below, please list each of your project Outcomes, and provide further detail on your progress and results over this reporting period. Describe any delays or other challenges that you have experienced and how these have been addressed, and provide information about any unexpected results (for example where targets have been vastly exceeded). Progress should also be updated within the relevant fields of your logframe.</p>		
	Outcome:		
	Outcome Indicator	Milestone / Achievement	Progress
	1.1 Number of BDS students progressing through the BDS programme	Curriculum drafting and approvals underway	Achieved in entirety
	2.1 Oral Health Policy, developed and approved at Ministry of Health level, is available	No milestone was set for first 6-month period	Although no milestone was set, the discussions with the Borrow Foundation to complete a national child oral health survey are relevant to this Outcome
	2.2 Oral Health Strategy and Implementation Plan, developed and approved at Ministry of Health level, is available	No milestone was set for first 6-month period	
2.5	<p>Project Outputs</p> <p>In the table below, please list each of your project Outputs, and provide further detail on your progress and results over this reporting period. Describe any delays or other challenges that you have experienced and how these have been addressed, and provide information about any unexpected results. Progress should also be updated within the logframe</p>		
	Output:		
	Output Indicator	Milestone / Target	Progress
	1.1.1 BDS Curriculum structure submitted and approved by University Senate and Medical Council of Malawi is available	Joint working between the College of Medicine Education & Training Office (COMETO), the Dental	Achieved in entirety

		Association of Malawi and the University of Glasgow will create and submit a curriculum for the BDS programme to the APCC and gain the necessary academic (University of Malawi) and regulatory body approvals	
	1.1.2 Annual review of curriculum is completed for every year of the BDS programme as it is rolled out	No milestone was set for the first 6-month period.	This indicator will not be measurable until the first cohort of students, who will enrol in August 2019, have completed their first year.
	1.2.1 Dental equipment required for the facility supplied	No milestone was set for the first 6-month period	Informal discussions have commenced with one potential supplier
	1.2.2 Identification of suppliers of consumable materials required for Preclinical and Clinical teaching and learning, with sign-off on appropriate procurement agreements	No milestone was set for the first 6-month period	Informal discussions are underway and will continue during the visit by the Scottish Project Lead to Lilongwe in May 2019.
	1.3.1 Architectural design for dental clinical teaching building completed	Design team appointed	This milestone has not been achieved, because of the desire to engage a UK design team. Agreement has now been reached to pursue this approach and the Scottish Project Lead is moving this forward with the University of Glasgow Procurement Office
	1.3.2 Tendering process for construction of the facility completed	No milestone was set for the first 6-month period	
	1.3.3 Availability of certificate of completion of BDS facility (externally funded)	No milestone was set for the first 6-month period	
	1.4.1 Number of staff recruited / appointed to support the BDS programme. These will be	Appoint Head of BDS programme and	The Malawi Project Lead has been appointed and the

	<p>disaggregated into full-time, part time, visiting and honorary as well as gender. Sub-classification will be into clinical / academic; technical / support eg equipment technicians.</p>	<p>Programme Administrator</p>	<p>Project Administrator identified – a contract offer has been made. The search for an academic Head of School (salary to be funded by the College of Medicine) is about to commence.</p>
	<p>1.4.2 Number of teaching sessions delivered by visiting ‘flying faculty’ to support the early stages of the BDS programme</p>	<p>Establish MOUs with key external academic partners – University of Glasgow, University of Dundee, University of Western Cape, Royal College of Physicians & Surgeons of Glasgow</p>	<p>These MOUs are in place, with the exception of the University of Western Cape. We also now plan to establish an MOU with Wits University</p>
	<p>1.4.3 Number of technical staff recruited and trained for maintenance and repair of dental equipment</p>	<p>Establish collaboration with a local college to identify at least two engineering graduates who would receive training on maintenance and repair of dental equipment</p>	<p>There have been initial discussions with relevant educational establishments, but the two candidates have yet to be formally identified. The charity Dentaid and the company Henry Schein have agreed to develop a suitable training programme and deliver it jointly.</p>
	<p>2.1.1 Availability of draft national Oral Health Policy for submission to Minister or Permanent Secretary at the Ministry of Health and gaining of approval</p>	<p>Establishment of a Working Group to take forward development of a national Oral Health Policy and commencement of policy drafting</p>	<p>Establishment of this Working Group has still to take place. The extensive work required to deliver the BDS curriculum, which included contributions from many who would be involved in the Policy Working Group, has delayed this activity. Furthermore, the Ministry of Health official responsible for oral health had left and has only recently been replaced. This</p>

			work will be prioritised to ensure that drafting is completed in time to satisfy the end of Year 2 milestone.
	2.1.2 Availability of an oral Health Strategy, based upon the agreed Oral Health Policy, supported by an Implementation Plan.	No milestone was set for the first 6-month period	
	2.2.1 Child prevention Working Group established and active	Appointment of members of the Working Group	Key members from CoM [REDACTED] and the University of Glasgow [REDACTED] have been identified. The newly appointed lead for oral health at the Ministry of Health will be invited to join, now that he is in post. Additional membership will be determined through a teleconference in the near future.
	2.2.2 Availability of a prevention model and delivery system for small scale piloting and assessment followed by a national roll-out plan of the prevention model and delivery system	Collection and collation of the background information required to inform the development of a suitable programme based on the Childsmile philosophy and with a clear understanding of the unmet need.	This work has not been completed but plans are developing well. In June, a field study led by the Scottish charity Smileawi in conjunction with the University of Glasgow and involving senior dental students from both Glasgow and Dundee Dental Schools will undertake a child oral health survey across several schools in Northern Malawi. Ethical approval is currently being sought. In addition, the University of Malawi College of Medicine is in the process of

		<p>appointing a PhD student, to be jointly supervised by CoM and the University of Glasgow, to develop this programme of work</p>
<p>3. Operational plans and partnerships</p>		
<p>3.1</p>	<p>Are all staff required to deliver the project now in place? If not, please explain what action you are taking to ensure all essential roles as outlined in your application, are in place as you move into year two of the project. If plans for staffing has changed, please tell us about this. (Max 200 words)</p> <p>The staff members required to manage the project at this stage are in place. The log-frame includes a programme of appointments of academic staff over the course of the project. The next post to be appointed will be the academic head of the BDS programme.</p>	
<p>3.2</p>	<p>Are all partnerships on the project now in place? Please update on how these partnerships are progressing, letting us know about any highlights, challenges or changes to roles and responsibilities. (Max 300 words)</p> <p>The partnerships that were described in the grant application and which are supported by MOUs are all in place and functioning well. There is an excellent working relationship between the University of Malawi College of Medicine and the University of Glasgow Dental School, supported by the broader collaborations between CoM and the University of Glasgow. The Dental Association of Malawi is also very engaged with the project. Within Scotland, there is also excellent joint working between the dental schools at the Universities of Glasgow and Dundee, both of which have strong commitments to international development.</p> <p>One of the most heartening aspects of the project to date has been the willingness of a variety of other organisations and agencies to partner with the project. These include:</p> <p>Dentaid (www.dentaid.org) – very engaged with issues related to dental equipment and maintenance</p> <p>Bridge2Aid (https://bridge2aid.org/) – engaging with development of a partnership with the Dental Association of Malawi to develop a ‘work-shifting’ model for training in emergency dentistry of Clinical Officers in rural areas</p> <p>Henry Schein (https://www.henryschein.co.uk/) – engaged with activities linked to equipment supply and maintenance and consumables supplies</p> <p>Borrow Foundation (https://www.borrowfoundation.org/) – keen to develop a partnership in relation to prevention of dental disease in children</p> <p>Strathclyde University – partnering on work linked to fluoride content of bore-hole waters and dental fluorosis / dental caries</p>	

3.3	Have any visits to the project taken place in this period? Please give details including key activities and outputs of these visits.		
	Date of Visit	Key achievements / outputs of visit	Follow up actions
	22-28 September 2018	<p>Meetings with the full MalDent team at the College of Medicine in Blantyre on 24 September. Developed workplan with [REDACTED], ME Officer at the College of Medicine, based upon the log-frame that had been initially submitted with the SG grant application.</p> <p>Travel to Lilongwe for the visit to the College of Medicine by Ben Macpherson MSP, including a visit by the Minister to the Dental Department. Excellent opportunity REDACTED to discuss the MalDent Project with Ben Macpherson.</p>	Regular monthly meetings, either face-to-face or by Skype have continued.
	23 November - 1 December 2018	[REDACTED] attended the National Dental Curriculum Conference in Mangochi. This intensive period of work culminated in finalisation of the BDS curriculum paperwork for submission to the University of Malawi Senate.	The curriculum has now received all the necessary approvals from the Academic Council of the College of Medicine and from the University Senate, allowing student recruitment to commence.
4. Financial Information			
<p>This section will be reviewed alongside your end of year financial report, which must be included with this report. Please ensure an explanation for any variance to planned expenditure is provided against each budget line in the space provided in the budget spreadsheet.</p>			
4.1	If your spending is not on track as expected, please outline the reasons why, and detail what plans are in place to bring spending back on track. If		

	<p>you are requesting changes to your budget at this stage, please outline them below. (Max 350 words)</p>
	<p>There are two areas of the project for which the spend over the first six months is at variance with the projection:</p> <ol style="list-style-type: none"> 1. The main area of spending that is not on track relates to the costs associated with the appointment of the Design Team for the Dental School building on the Blantyre campus of the College of Medicine. This has been delayed because of discussions around utilisation of a UK, as opposed to a Malawian, team. Following approval of that way forward, work is now underway with the University of Glasgow Procurement Office to develop a suitable tender document and identify the successful company to develop the plans. This item of expenditure (£75K in the budget plan for Year 1) will represent delayed spend. 2. The substantial work to develop the BDS curriculum required three meetings with local faculty and Wits University, and one substantial curriculum conference including international faculty. The outcome has been extremely positive and was an essential first step for the MalDent Project but has resulted in an overspend on the Implementation Budget at the end of Year 1. These costs were not foreseen during the project planning phase. There are a number of workshops scheduled over the forthcoming years of the project, and these will allow us to make the necessary adjustments to the overall running of the budget in Years 2-5. 3. The College of Medicine provided documentation relating to <i>per diems</i> valued at a total of approximately £9.2K. For information, these have been identified on the budget reconciliation sheets but not charged to the grant, to satisfy Scottish Government requirements. The Scottish Project Lead will discuss this with the Malawian project team leads during a visit in May 2019 to ensure that receipts for actual expenses incurred are provided in future to allow full re-imburement of spend.
	<p>5. Any other Information</p> <p>Please use this section to tell us any other relevant information regarding your project. (Max 350 words)</p>
	<p>The Corra Foundation and the Scotland-Malawi Partnership have both provided very valuable support for the MalDent Project, which we wish to acknowledge.</p> <p>The significant revisions to the log-frame, following the input from the Corra Foundation, have reduced the number of Outcomes from four to two. As a result, we now need to revise the budget spreadsheet to match. For the first 6 months of the project, for which most of the activity sat within the original Outcomes 1 and 2, no significant complications have emerged in the budget reconciliation. However, moving forward we would like to request permission to revise the Implementation Budget to match the Log-frame for Years 2-5.</p>