



G:

HEALTH

We work to improve the health of populations throughout Africa

G:ENESIS
UNLOCKING VALUE

ABOUT GENESIS

More Info
on **GENESIS** 

Genesis is a leading impact firm
founded and headquartered in Africa.

Our purpose is to unlock value through seeking impactful solutions with our clients. The foundations of our distinctive delivery are the technical skills and deep sector knowledge we have developed through our work in the area between the market and the state.

We have worked in more than 100 countries worldwide, more than half of them in Africa.

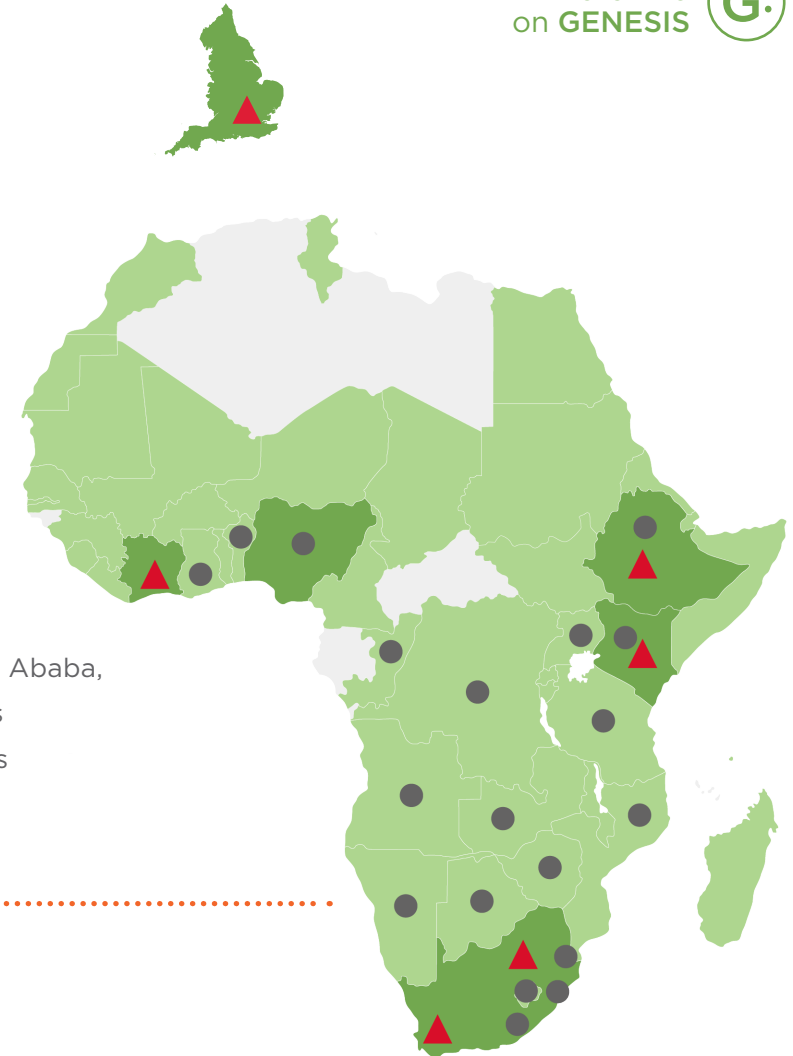
Established in 1998, Genesis is headquartered in Johannesburg with offices in Abidjan, Addis Ababa, Cape Town, Goa, London and Nairobi. We also have representation in other African countries including Uganda, Nigeria, Zambia, Ethiopia, Botswana, Eswatini and Zimbabwe. This enables us to work closely with our clients in finding scalable solutions that work in the real world.



We have expertise in our firm across

Applied Behavioural Economics | Behavioural Solutions | Climate Finance & Economics
Competition Economics | Digital Economy | Economic Impact Assessment | Economic Opportunity
Financial Services Strategy | Gender | Health | Human Development | Monitoring, Evaluation &
Learning | Regulatory Economics & Accounting | Shared Value & Impact | Young World

Some of our best work has been through combining our complementary areas of expertise to find fresh impactful solutions.

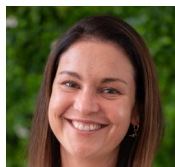


Where we have offices ▲
Where we have staff/consultants ●

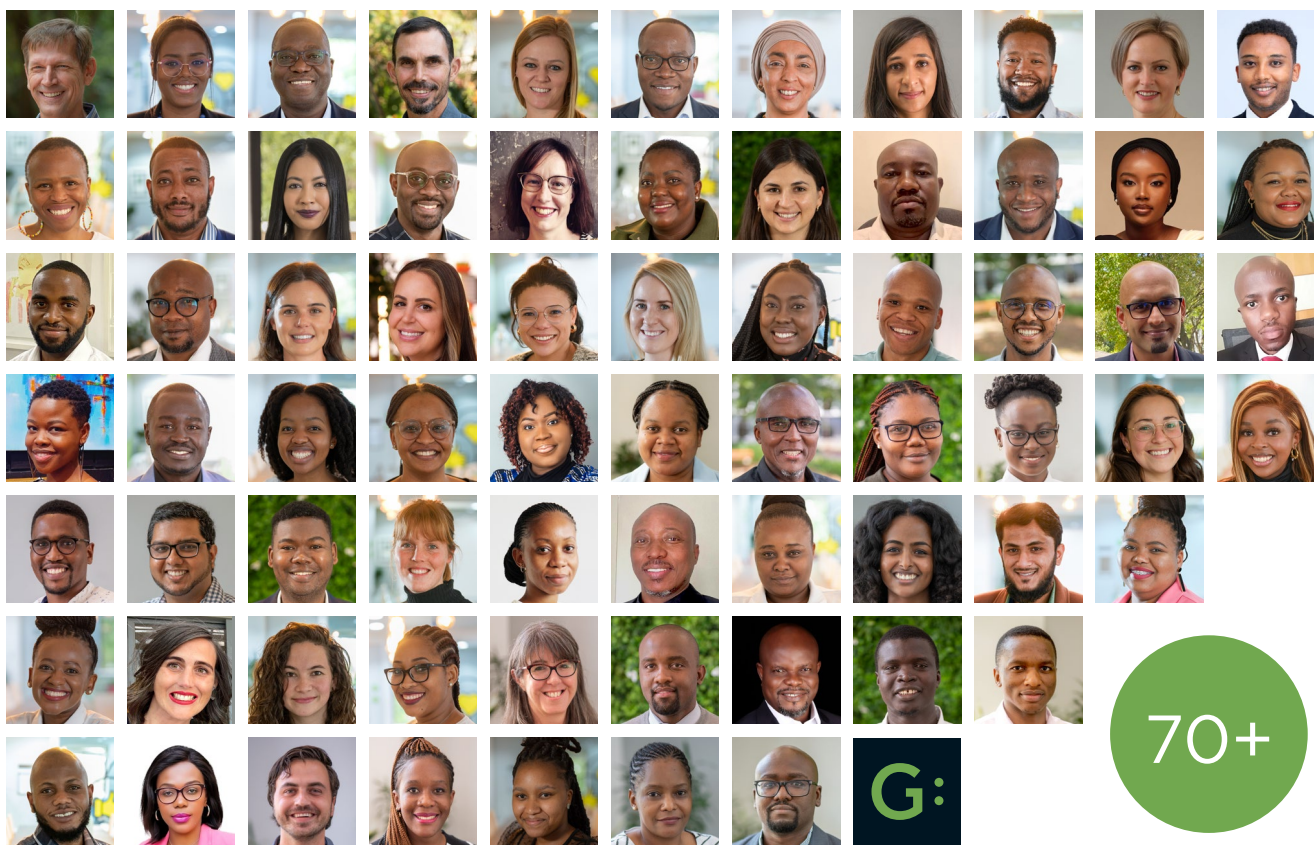
OUR TEAM



Dr Saul Johnson
Partner



Sarah Magni
Partner



Some of our qualifications include degrees in

- MBBCH | Epidemiology
- | Biostatistics | Applied Economics | Health Information Systems | Health Education and Promotion | Social and Behaviour Change Communication | Demography and Population Studies
- | Business Administration | Health Policy and Management | Anthropology
- | Clinical Health | Child Psychology
- | Health Services Management | Virology
- | Public Health | Health Research
- | Development Studies | Social Justice
- | Monitoring and Evaluation
- | Environment and Development Studies | Health Policy, Planning and Financing | Nutrition and Dietetics
- | Health Economics | Community Medicine | Programme Evaluation
- | Development Theory and Policy
- | Global Health Delivery

Celebrating our dynamic and evolving team of experts from across the globe.

Our team is 70+ strong |

ABOUT OUR HEALTH PRACTICE

We help to build strong and well-financed health systems that result in healthy populations across Africa.

Our region faces the challenges of the quadruple burden of disease, including: communicable and non-communicable diseases, poverty, violence and injury.

Coupled with this are relatively weak health systems, heavy reliance on donor funding and inequitable public and private sectors. Within this context, our purpose is to co-create solutions to some of the African continent's most pressing health challenges, with a focus on infectious diseases, sexual and reproductive health, and strengthening health systems.

We do this through combining our deep contextual understanding with innovative and specialist technical expertise.

We are here to help **YOU** find better, more impactful solutions.



WHY CLIENTS CHOOSE US



FOCUS

Our focus is on public health in Africa.



CUSTOMISED SOLUTIONS

We develop customised solutions to improve the health of people throughout African continent.



ROBUST ANALYSIS

We deliver robust analysis for clients across the health sector.



TECHNICAL EXPERTISE

Our deep technical expertise and experiences enables us to find impactful solutions.



We apply our skills and work with **OUR CLIENTS** to co-create impactful solutions.

OUR HEALTH EXPERTISE

More Info on [Health Practice](#) 



RESEARCH, MONITORING & EVALUATION

We **design and implement a variety of research projects** ranging from national household surveys to discrete and focused programme reviews, formative research, as well as process and end-of-programme evaluations. We have specialist expertise in **research translation and utilisation**.



HEALTH FINANCING & ECONOMICS

Our team draws on multidisciplinary skills in **sustainable health financing, public financial management, costing and economic evaluations** to achieve greater value and improved outcomes for healthcare delivery in the region.



PROGRAMME IMPLEMENTATION SUPPORT

We help unlock value and maximise impact in health delivery across Africa by addressing the technical and management challenges of programme implementation. We do this by providing **short and long-term technical assistance, capacity strengthening and harnessing knowledge management and learning**.



BEHAVIOURAL SOLUTIONS

Our work builds on the evidence base provided by behavioural sciences and applies it to effect behaviour change in wide-ranging contexts or settings. We **evaluate, design and deliver human-centred systems and processes**, and effect scalable, sustainable behaviour change along the full impact pathway.



DIGITAL HEALTH

We leverage our experience and skills in using **digital applications and services** to integrate data sources to provide meaningful interpretation for our clients with the aim of improving access to, and quality of, health services.



THEMATIC FOCUS

Our work cuts across thematic content areas in infectious diseases, non-communicable diseases, sexual and reproductive health, family planning, HIV and TB prevention and treatment adherence.



GENDER LENS

We are committed to equity, diversity and inclusion. We are skilled at applying a gender lens to our projects, which enables us to find opportunities for gender equity and address the barriers that keep women and girls from being fully active in their societies and making choices about their health.



RESEARCH, MONITORING & EVALUATION [Read more...](#)

We design and implement a variety of research projects - from national household surveys to discrete and focused programme reviews, process and end-of-programme evaluations.

Our researchers have decades of experience in quantitative and qualitative research methodologies and understand how to apply these in a practical way. This ensures that commissioning companies and organisations can confidently use our findings.

We work with clients on the design of appropriate evaluations for their programmes, using robust methods and a cost-effective approach. We jointly develop user-friendly M&E frameworks and plans. We find ways to represent routinely collected data to encourage better decision making.

Our work on research translation and utilisation has positioned our clients as leaders in the use of evidence-based approaches for adaptation, innovation uptake and programme improvement.



HOW WE HAVE UNLOCKED VALUE

Query - Delivering quality health surveys for data-driven decision making

Our experience in conducting complex public health surveys has shown us that a one-size-fits-all approach to data collection does not work. As a result, we launched the Query initiative to deliver quality health surveys for data-driven decision making.

Query streamlines key processes along the data-collection pipeline to ensure that health surveys are tailored to the needs of the client, that they are fast, and result in data that is accurate, valid and responsive to information needs. We use advanced technologies to ensure that data quality is monitored, understood and controlled throughout the process. We produce results that are more accurate, can more timeously take course corrective action, and with analytical tails. The result? High quality data to inform health decision making.

Improving HIV prevention programming across Africa by strengthening evidence-based implementation

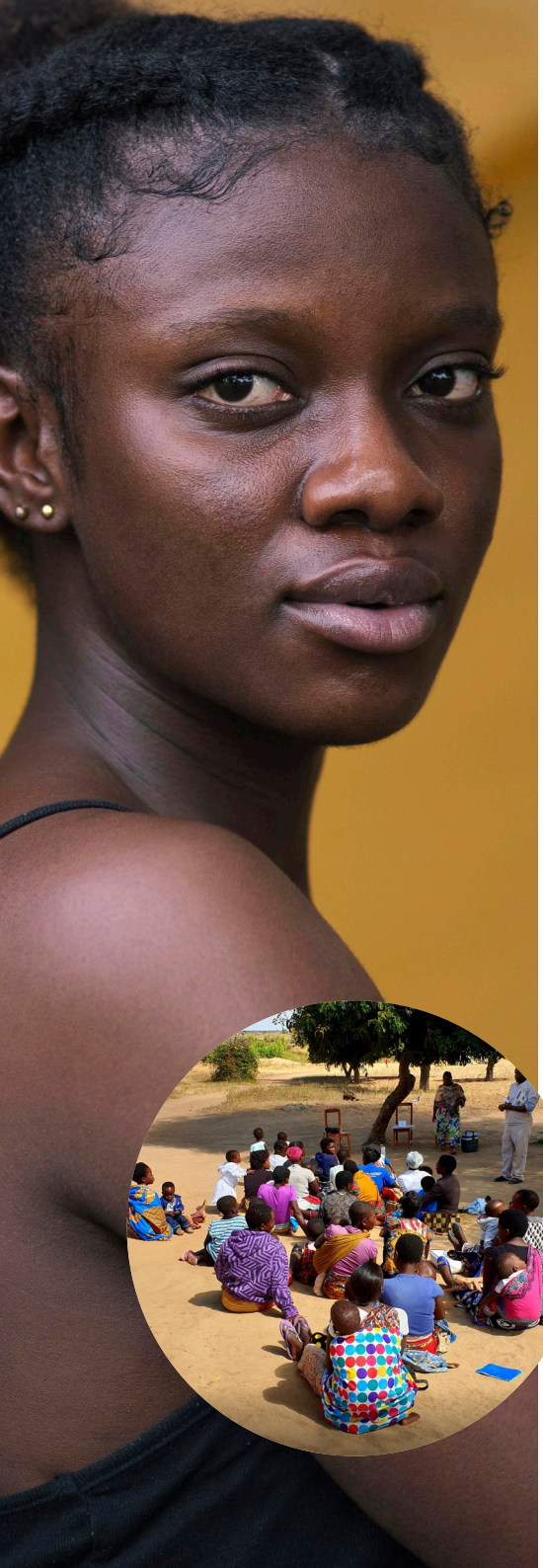
We have, in partnership with Population Council Kenya and Population Council Inc., and with funding from the Bill & Melinda Gates Foundation, launched insight 2 implementation (i2i), a new offering under the South to South HIV Prevention Learning Network (SSLN). i2i is a three-year initiative to identify cross-cutting HIV prevention evidence gaps and synthesise existing evidence into precise, practical, easy-to-use knowledge products. In collaboration with country stakeholders, we will ensure these products are effectively utilised to strengthen the HIV prevention response.



Improving HIV healthcare uptake and retention in South Africa by informed targeting for marketing strategies

We are the Monitoring, Evaluation, and Learning partner for Project Last Mile (PLM), who is supporting USAID, PEPFAR, and the South African National Department of Health in applying private sector route-to-market and strategic marketing capabilities to improve the distribution and uptake of life-saving medication in South Africa. We have conducted two pivotal projects providing PLM with key data and insights to inform their marketing strategies, including: **1)** an evaluation of the MINA men's health brand, which we used to inform the development of a theory of change for the programme, and **2)** a Return to Treatment study, focusing on determining the critical factors which cause persons living with HIV to interrupt their treatment. We are conducting a national study on key attitudes, knowledge, and behaviours related to HIV in South Africa over time to assess the effectiveness and impact of PLM's programmes.





Establishing the positive impact of Soul Buddyz clubs on young women's health in South Africa

We evaluated the long-term impact of participating in a primary school programme known as Soul Buddyz Clubs. Using findings from a [feasibility study](#), we designed and undertook an innovative retrospective cohort study. We were able to combine epidemiological expertise, in-depth sector knowledge and real-world experience to solve a difficult evaluation problem for our client using this innovative study design.

We found that club members were more likely to have completed Grade 12, be involved in community activities, and to have used condom at first sex. They were less likely to have sex before 15 years, to have had more than one partner in the past 12 months and have had multiple sexual partners in the past month. Notably, young women who were members of Soul Buddyz clubs 10 years ago were nearly three times more likely to be HIV negative than a matched control group.

Tracking progress in reaching four million new family-planning users in 17 countries

We worked with the International Planned Parenthood Federation (IPPF) to conduct a series of client-exit interviews (CEIs) with family-planning clients in 17 countries as part of the Women's Integrated Sexual Health (WISH) programme. Through the CEIs, we were able to determine whether WISH has been reaching the most underserved populations and track progress against key programmes and payment indicators.

We developed the research protocol and questionnaire, obtained ethics approval at a global level and oversaw ethics approval in each of the 17 countries. One of the key metrics of the CEIs was to understand the proportion of users who were living in poverty, as characterised by the multi-dimensional poverty index, especially for adolescents. To measure this, we conducted a nested study on adolescents aged 15-19 in South Sudan and Tanzania to understand whether they were accessing family planning services before or after childbearing. We developed a distress protocol to ensure that enumerators would handle adolescents and/or people living in refugee camps with appropriate levels of sensitivity and use the correct referral mechanisms. Results from these CEIs have provided the IPPF with useful insights that improve its sexual and reproductive health rights work in fragile and contextually challenging environments.



HEALTH FINANCING & ECONOMICS [Read more...](#)

Sustainable financing and the achievement of value for money in health interventions are increasingly recognised as key pillars in achieving the Sustainable Development Goals for Health and universal healthcare coverage.

At a time when many African countries face reductions in foreign development assistance, changing disease patterns, ambitious commitments to social protection and competing programme demands for domestic resources, we provide technical support to decision-makers in navigating this new reality.

We leverage our extensive experience and skills of our multi-disciplinary team in public financial management, health finance, costing, efficiency studies and other economic analyses. This enables us to inform health-financing policies and resource allocation decisions, help build resilient health systems, strengthen public financial management capacities, and facilitate efficient implementation of health programmes, leading to improved healthcare in the region.



HOW WE HAVE UNLOCKED VALUE

Implementing a learning agenda for multi-country costing studies

We, with funding from the Bill & Melinda Gates Foundation, implemented structured learning activities that leverage a number of HIV/TB and primary healthcare costing studies unfolding in several countries. [Findings from this work](#) have informed the development of a comprehensive guide that assists development partners and in-country stakeholders to understand which costing methods and tools are best suited to planning and decision-making for HIV-related services in specific contexts. We have established a learning process to help understand how these tools can be tailored to local data and systems that allow for the routine generation of accurate and comprehensive costing data and the establishment of more sustainable costing systems. Improving countries' ability to accurately cost their HIV programmes using national data systems, and interpret routine cost data, will enable more effective planning, budgeting and ongoing decision-making.

Supporting sustainability roadmap planning for HIV in Africa

Sustainability and transition planning has become essential for African countries in the context of an evolving global health financing agenda. We have supported a number of countries in advancing their sustainability and transformation planning agendas for the national HIV response, including facilitating technical working groups, guiding sustainability assessments and providing guidance for monitoring progress towards sustainability goals. For example, we have worked with the South Africa National AIDS Council, to develop subnational roadmaps and tools. This is in support of Global Fund requests for the country.

Improving sub-national budget planning and spending for HIV service delivery

The South African HIV/AIDS Conditional Grant Unit allocates over \$1.5 billion annually to provincial health departments. We have been working with the National Department of Health since 2020 to identify and realise efficiency savings and optimise use of available resources given a constrained fiscal environment and declining donor funding. Using a collaborative approach, we have identified budget planning risks and inefficiencies, and designed practical solutions to realise efficiency savings worth tens of millions of rands by leveraging digital solutions (for example, Power Query and PowerBI) to analyse anomalies across provincial budgets. This process has strengthened capacity in the department to utilise advanced analytical insights to improve routine budgeting.





Piloting an innovative social impact bond for adolescent girls in South Africa

External financing for health is declining, and social impact bonds offer an innovative financing method and partnership model, to leverage risk capital from social investors. Together with the SA Medical Research Council and a consortium of partners, we have designed, mobilised and continue to implement a social impact bond, which has raised R92m in outcomes funding to address the health of vulnerable adolescent girls in two high burden districts in South Africa. We were responsible for estimating and refining the cost of providing a package of services for adolescent girls and aligning financial performance with measurable programme milestones. As part of the implementation, we were responsible for the economic evaluation of the intervention and facilitate a SAMRC-led learning agenda and network for outcomes-based contracting.





PROGRAMME IMPLEMENTATION SUPPORT

[Read more...](#)

We help unlock value and maximise impact in health delivery across Africa by addressing the technical challenges of programme implementation and management.

We do this by providing technical assistance and capacity strengthening, and by harnessing knowledge management and learning.

We aim to:

- Equip institutions with the insights, tools and methodologies needed to boost their capacity to effectively deliver sustainable health programmes.
- Identify and address root causes and underlying system behaviours that negatively impact programme implementation.
- Build the competencies of programme and policy stakeholders to implement and adapt best practices and strategies to optimise programme performance; establish and coordinate collective learning networks; harness social capital; disseminate good practices; and influence the conversion of learnings into action – from diagnostics through design and delivery.
- Develop communities of practice from various geographies and thematic areas to document cases of good practice.
- Efficiently mobilise external consultants and effectively manage logistical requirements to ensure timely and quality delivery to clients.
- Direct strategic and analytical technical assistance to Support strategic decision-making and successful implementation of organisational strategies through direct strategic and analytics technical assistance.





SOUTH TO SOUTH LEARNING NETWORK



HOW WE HAVE UNLOCKED VALUE

South to South HIV Prevention Learning Network (SSLN)

We, in partnership with the University of Manitoba, implement the South to South HIV Prevention Learning Network (SSLN), which supports peer learning in a network structure to improve HIV prevention programming in 15 African countries. Through this initiative, we provide a space for African countries to come together and share best practices in support of greater HIV prevention outcomes. This is critical as countries seek to fast-track progress towards meeting the 2025 target of reducing annual new HIV infections.

The SSLN's vision is to be the most trusted south-to-south learning and collaboration platform for HIV prevention. We place a large emphasis on building trust and reciprocity between over 500 nominated Country Champions. We connect Champions and facilitate self-reflection, shared learnings and application of good practices. In doing so, we help countries to build their social capital, leverage resources and optimise country actions towards achieving the global HIV prevention targets.

An external mid-term [evaluation](#) of the SSLN demonstrated better multisectoral alignment, improved knowledge, enhanced skills and an increased demand for learning in SSLN countries. The evaluation also recognised the SSLN as instrumental in informing prevention funding proposals and advocating for prevention in the region.

On the SSLN's [website](#) you can access **1)** synthesised and visualised country prevention self-assessment data **2)** country summaries, action plans, learning agendas and technical assistance plans **3)** a document repository and **4)** links to our YouTube channel, social media pages and photos/videos of all our learning events.

The SSLN is supported by funding from the Bill & Melinda Gates Foundation and is in its fourth year of implementation.

Technical support unit to boost South Africa's TB programme

Through the TB Technical Support Unit (TSU), we second of staff to the South African National Department of Health TB Control and Management Cluster.

Poor performance of national TB priorities are compounded by gaps in central coordination, poor planning with technical support partners, a lack of accountability of the provinces to the national programme, and inadequate management capacity at all levels. The TB TSU ensures that there is a resilient national TB programme in place by strengthening routine processes and using innovative mechanisms to create sustainability where possible, at national and sub-national level.

Our support includes:

- We're enhancing the **national** TB priorities' impact by improving governance and accountability; planning, monitoring and evaluation; TB data systems; innovative approaches to advocacy, communication and social mobilisation, and capacity building.
- Our **provincial** focus includes developing impactful, data-driven TB management plans and conducting thorough programme reviews to align with national goals and address unique provincial needs. Our approach includes ongoing monitoring, learning and adaptation to ensure goals are achieved.
- "Thuthuka" is an isiZulu word that means to grow, to progress, to develop or to become influential. Through the TB Thuthuka programme, we aim to **a)** develop strong leadership, management and governance skills among district and sub-district TB coordinators; **b)** provide practical tools and approaches for addressing challenges; and **c)** foster a positive team climate for improved implementation and providing mentorship to establish a sustainable health programme for the future.



TB THUTHUKA
PROGRAMME





Strategic and analytical support to the Bill & Melinda Gates Southern Africa office

We have offered strategic and analytical support to the Southern African team of the Bill & Melinda Gates Foundation. The collaboration commenced in 2021 amidst the peak of the COVID-19 pandemic, aiming to reinforce the Foundation's dedication to aiding the South African Government.

During the pandemic's peak, we delivered regular updates on emerging trends, and our strategic input played a crucial role in formulating the COVID-19 vaccine rollout strategy and campaign. Beyond this, our support extended to shaping internal strategies, notably contributing to the refinement of the Foundation's Africa Team's existing Country Plan for South Africa and the Coordinated Plan for the Democratic Republic of the Congo (DRC). Currently, our focus is on providing direct assistance to the regional representative of the Southern African Office.

Our overarching goal is to align all investments in the Southern Africa portfolio with the Foundation's objectives and local government priorities. This strategic alignment maximises impact within the region. Our collaborative efforts have facilitated the submission of numerous investments, all securing internal approval from the Foundation's Africa leadership team. This support has empowered the Southern Africa office to plan and execute investments effectively, align these initiatives with critical priorities, and champion diversity within the Foundations grantee pool. We are proud to contribute to the Foundation's impactful endeavours in Southern Africa, marking a testament to our commitment to excellence in strategic and analytical assistance.



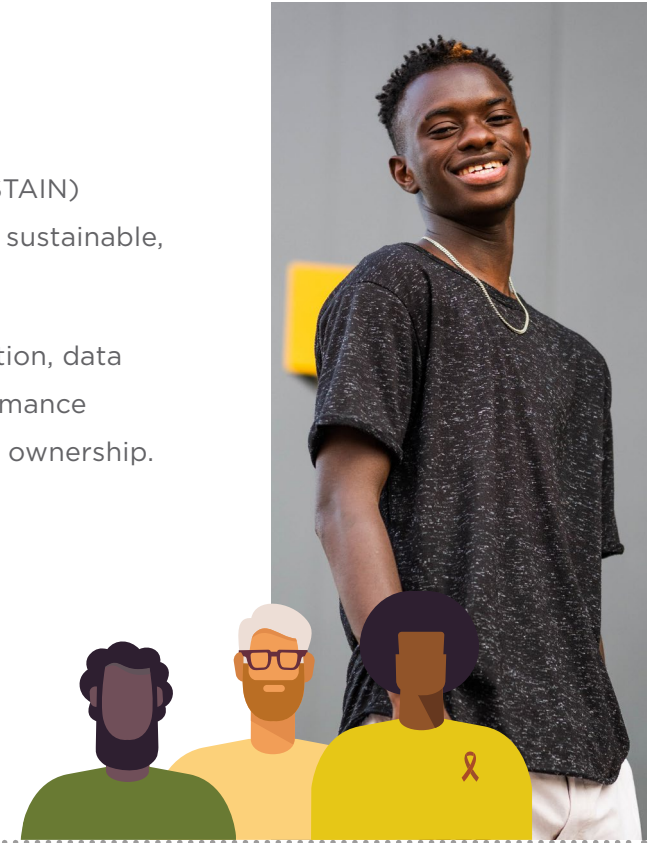


Strengthening South Africa's capacity to deliver sustainable, integrated HIV prevention services for men

Through the Medical Male Circumcision Scale and Sustainability to Avert New HIV Infections (MMC SUSTAIN) programme, we aim to build the capacity of South Africa's National Health Department to implement a sustainable, high-quality Voluntary Medical Male Circumcision (VMMC) programme, independent of donor support.

Since 2018, we have provided customisable technical advisory services, including stakeholder coordination, data management, quality assurance, capacity building, and sustainable financing, all geared towards performance improvement. Our interventions are co-created by and delivered through government officials to foster ownership.

Together with the Department of Health, we have developed the first-ever sustainability strategy and measurement framework for a South African HIV prevention programme, redesigned data management protocols to aid evidence-informed decisions, introduced and institutionalised locally-led continuous quality improvement programme monitoring, and facilitated the expansion of VMMC into a comprehensive men's health programme. Visit our programme's [Learning Library](#) to access a repository of VMMC tools, reports and implementation guidelines.



Co-managing the UNAIDS Technical Support Mechanism (TSM)

As part of the Oxford Policy Management-led consortium, we manages the provision of technical support to countries in East and Southern Africa on behalf of [UNAIDS](#). The technical support provided by consultants helps to secure funding that each country can access through the Global Fund for AIDS, TB and Malaria. It also facilitates country HIV programme stakeholders to work together and determine how this funding should be used to advance each country's HIV programme. Technical support unlocks bottlenecks in programme planning and implementation, builds national capacity, and positions countries towards the global goal of ending AIDS in 2030. Since 2018, we have facilitated technical assistance (TA) to 19 countries across the region. We have managed over 32,000 consulting days valued at \$13.47 million.

We also lead the M&E function of the TSM, as well as the Strategic Learning and Capacity-Building Team. This enables us to bring deep lessons on TA to build the capacity of consultants and partners and in this way improve the effectiveness of the TA provided. To date, the team has worked with over 800 consultants using webinars, peer-learning sessions, training, and dissemination of learning briefs and resources.

We are a USAID prime partner for the Long-Term Exceptional Technical Assistance Project (LEAP) being implemented in 17 countries in Africa

The overall goal of the project is to provide national Ministries of Health (MoH) with locally relevant long-term and short-term technical assistance on infectious diseases and health systems as well as management expertise.

To achieve this goal, we aim to:

- Increase the capacity of the MoH to establish more efficient, effective, and self-reliant, inclusive, and transparent systems
- Improve the quality and preparedness of infectious diseases programmes to ensure quality services for all populations, and
- Improve in-country coordination between infectious disease programme stakeholders and cross-country sharing of evidence-informed approaches.

We enable countries to effectively engage and coordinate stakeholders to implement solutions that are evidence based and locally relevant. We help countries build and coordinate the various technical, financial and human resources to promote shared ownership, quality services and epidemic preparedness. The LEAP project is critical to countries' ability to adopt the latest global best practices in prevention, diagnostic tools and treatment. The programme aims to improve access to novel tools for current and future infectious disease responses.





BEHAVIOURAL
SCIENCE [Read more...](#)

Our work builds on the evidence base from behavioural sciences and applies it to effect behaviour change in wide-ranging contexts. We evaluate, design and deliver human-centred systems and processes, and effect scalable, sustainable behaviour change along the full impact pathway.

A significant challenge in healthcare is persuading people to change their behaviour - whether it is the uptake of a health service, sticking to treatment, or embracing a healthy lifestyle. Our team designs behavioural interventions that are evidence-informed, impactful and cost-effective

We are uniquely equipped as we are first and foremost public health practitioners with a deep understanding of the health sector, our M&E experience means our solutions are practical and measurable, we apply a consulting mindset to use the right tool for the problem, and we leverage experience and insights from behavioural economics.



HOW WE HAVE
UNLOCKED VALUE

Increasing COVID-19 vaccinations in South Africa: The #RollUpYourSleeves campaign

Despite initial enthusiasm for the COVID-19 vaccine, vaccine hesitancy remained a significant obstacle in South Africa and has left millions of vulnerable South Africans unvaccinated and threatened to create continuing waves of COVID infections. Working on behalf of the Solidarity Fund, we designed a comprehensive communications campaign to encourage all South Africans to be vaccinated. Under the branding #RollUpYourSleeves, the campaign delivered and developed by Joe Public, used mass media, social media, and face-to-face communication to deliver behaviourally informed messaging to a vast proportion of the South African population. The campaign was anchored by an emotive TV advertising campaign that aimed to be inspirational, and was backed-up-by various media products addressing myths and misconceptions about the vaccine. This was supported by social mobilisation teams in communities around the country.



Encouraging behaviours that limit the spread of COVID-19 in Nigeria and Kenya

At the time that COVID-19 first peaked in places like Italy and Spain in 2020, African countries were still awaiting their fate. It was clear that changing certain habits and behaviours, such as regular hand washing, social distancing and not touching one's face, could significantly reduce the spread of the virus. We designed a series of 12 posts for social media platforms that would introduce people to the easiest ways to #FlattenTheCurve. These were designed, together with our in-house graphic designer, based on insights drawn from behavioural sciences. In Nigeria, these were distributed by the National Orientation Agency Abia State team in the form of daily tweets.

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Supporting men living with HIV on their health journey through MenConnect

South African men experience many psychosocial barriers that make them less likely to test for HIV, initiate treatment and remain adherent to their treatment. Gilead Sciences contracted a Praekelt-led consortium to design and implement a mobile messaging platform to support men living with HIV in South Africa. This platform, known as MenConnect, sends staged-based messages specific to where the man is on his test-and-treat journey and based on his psychographic segment. We developed over 800 stage-based messages that were evidence-based and behaviourally-informed. Our messages includes a gamified rewards journey, encourages habit formation, and provides timely reminders. We also undertook regular monitoring and an end-of-pilot process evaluation. At the time of piloting, MenConnect was successful in enrolling +1,500 men onto the platform and was shown to reach men at different stages of their treatment journey.





DIGITAL HEALTH

Read more...

We leverage our experience and skills in using digital applications and services to integrate data sources to provide meaningful interpretation for our clients with the aim of improving access to, and quality of, health services.

We partner with Genesis' Centre of Digital Excellence to conduct landscape assessments of national or specific health information systems, and develop health sector specific strategies, policies and governance support to ensure that health information systems are integrated and able to share information in an efficient manner. We also co-ordinate and manage digital project implementation, and provide specific technical support for data analytics and data management in line with effective data governance standards.

We enable data-driven decision making by combining human-centred design with innovative digital tools. Although data is an increasingly important part of business and society, making sense of it can be challenging. We cut through the noise of data to ensure that our clients' decisions are made using high-quality information.



HOW WE HAVE UNLOCKED VALUE

Scoping of national tech transformation opportunities in Africa

We supported the South African government to develop an information and communication technology and Digital Economy Masterplan for the country. The masterplan identifies the market opportunities for delivering growth, jobs and economic transformation in the digital economy through the application of emerging technology, digital platforms and digitally traded services. We also led similar interventions in other PEPFAR-supported countries as they developed the Digital Economy Strategy for Malawi and the Fourth Industrial Revolution (4IR) strategy for the Ugandan government.



CALCULATING THE HEALTHCARE RISK

Is Africa
FLATTENING the CURVE...

Analysing and visualising data to support COVID-19 vaccine rollout in South Africa

We were funded by the Bill & Melinda Gates Foundation to provide technical assistance to the National Department of Health's COVID-19 vaccination programme in South Africa. We developed a service-planning dashboard to monitor the vaccination programme and inform strategies for implementation. We established a large database, defining programmatic indicators, and building user-friendly, customisable visualisations in Power BI to reveal vaccination patterns across different population groups and geographies. The dashboard provided a platform to analyse gaps in vaccination coverage and identify what is needed to accelerate achievement of programmatic targets. We used an iterative, agile development process to allow us to incorporate stakeholder feedback in real time so that the dashboard serves a wide range of users.

Interactive COVID-19 monitoring tools to understand the pandemic and its strain on the health system

We developed two products to enable better understanding and monitoring of the COVID-19 pandemic: *The Healthcare Risk Calculator* and *Is Africa Flattening the Curve*: an interactive dashboard to view COVID-19 data across Africa. The Healthcare Risk Calculator forecasts the number of ICU or critical-care beds that would be needed over the next two weeks, based on the number of cases in an area over the previous two weeks, and the number of beds available. The COVID-19 calculator can be a useful tool for understanding the likely short-term strain on health services. The *Is Africa Flattening the Curve* dashboard reports on the spread of the virus, its fatality rate, and the response in testing across all African countries, and some international benchmarks, that have 100 cumulative cases or more. The dashboard also shows how South Africa is managing the pandemic at a provincial level.

Digital Health innovation in Eswatini

We partnered with the World Bank to develop a policy note for Eswatini's Ministry of Health (MoH) that provides a roadmap for harnessing the power of digital health innovations (DHIs) to achieve universal health coverage by 2030. Crucially, this policy note will inform Eswatini's upcoming five-year National Sector Strategic Plan.

Eswatini's MoH established a Health Information System Coordination Committee (HISCC) to provide ongoing oversight, governance and strategic planning for digital health. Despite significant progress, challenges remain in deploying and maximising the benefits of DHIs. Our assistance from Genesis was geared towards improving this situation.

The policy note provides Eswatini's MoH with a clear and actionable roadmap to implement scalable, impactful and feasible DHIs. It also outlines mechanisms to enhance the MoH's coordination and decision-making capabilities by strengthening the HISCC to enable it to identify, select, deploy and manage future DHIs.





Genesis Analytics

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