

Rod Bennett:

I am currently working for the COPC Research Unit as an Independent International Consultant (United Kingdom). In this capacity, I have:

- Developed a resource allocation and economic evaluation tool for University of Pretoria analysing scenarios for community-based services in South Africa, including an analysis of need for HIV and TB services for CDC funding.
- Successfully developed the Health Systems Strengthening Concept Note for Angola and subsequently developed the above allocation Concept Note in response to the Global Fund Technical Review Panel request.
- Costed the National Strategic Plan for HIV for Angola (2015 to 2018) and provided economic and costing of the programmatic gap and financial analyses for HIV and TB for the combined concept note submitted to the Global Fund (2015 to 2017).
- Developed country gap analyses UNAIDS for 10 countries in sub Saharan Africa to test concept of innovative funding mechanisms and sub national resource targeting.
- Successfully completed an analysis for UNAIDS Regional office (RST ESA) of efficiency gains possible in Angola from alternative methods of procurement for ARV.
- Developed model to support costing and planning tools for cost assessment and cost effectiveness for health services at local, regional and national level.
- Successfully delivered full local health level analysis of the efficiency gains from the implementation of integrated services including evaluating costs and benefits for both service users and providers of integrated and decentralised services including workforce reprofiling.
- Developed detailed cost modelling for the analysis of infrastructure needs for South African national health system in relation to meeting a new national strategic direction with particular reference to the introduction of National Health Insurance for universal coverage.
- Completed an analysis of the global impact of humanitarian emergencies (natural disasters and conflicts) on adults, pregnant women, adolescents and children living with HIV, including sub national analysis of 5 countries.
- Developed a costed model to guide subnational prioritisation of country HIV response plans including interventions allowing both geographic and vulnerable population prioritisation.
- Constructed a web based analytical tool for strategic evaluation and planning of health facilities, services and resource requirements.
- Supported a stroke network with analysis of cost of stroke pathway comparing service offered vs best practice specification, with service developments based on affordability within tariff.
- Determined the potential of comprehensive aero-medical services for South Africa through a coordinated model of land and air ambulance services, to ensure efficient national coverage within a 40 to 60 minute response time.



- Delivered a rapid review and economic analysis of the impact of TB in mines in South Africa and the surrounding labour-providing countries to inform the Southern African Development Community (SADC) Ministers Conference
- Reviewed and evaluated both manpower and distribution of pharmaceutical products in primary care with a costed system to improve access and response times.

Prior to this period, I worked as Health Systems Infrastructure and Strategic Planning Consultant, South African National Department of Health, funded by the European Union and DFID (South Africa), and:

- Provided specialist technical advice over five years to the South African National Department of Health to drive the successful implementation of their multi-billion Rand health infrastructure improvement program. This included developing a capital investment framework for prioritization and a monitoring and evaluation framework for project management.
- Successfully completed development and provided technical support for strategic planning framework for emergency medical services and development of aero-medical services into all provinces. Included spatial analysis and the logistics of service delivery for optimal coverage and to meet national service response time targets.
- Developed capital investment plan through the utilization of Geographic Information Systems (GIS) and District Health Information Systems (DHIS) to plan the distribution of South African health facilities and analyse the access to and sustainability of care services. Variables analysed included numbers and locations of clinics and hospitals and population distributions.
- Successfully linked health planning to national budgeting through the development of a capital investment framework and monitoring system for national infrastructure development funding.
- Successfully linked health information data to health facilities and catchment populations to evaluate capital performance, bed utilization and affordability for all national hospitals to guide provincial service transformation programs.

I worked for 9 years as National Design Guidance Consultant to UK National Health Service (NHS) and NHS Hospitals, NHS Estates during the 1990s.