

INTERNATIONAL PARTNERSHIPS TO HARNESS SCIENCE, TECHNOLOGY AND INNOVATION FOR DEVELOPMENT: SOUTH AFRICAN EXPERIENCE



science
& technology

Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA

EUROPEAN & DEVELOPING COUNTRIES CLINICAL TRIALS PARTNERSHIP (EDCTP)

- Aims to accelerate the development of new or improved drugs, vaccines, microbicides and diagnostics against HIV/AIDS, Tuberculosis and Malaria as well as other poverty related and neglected infectious diseases in Sub-Saharan Africa with focus on phase II and phase III clinical trials
- Three Types of Grants:
 - Research and Innovation Actions: clinical trials research
 - Coordination and Support Actions: strengthen and extend clinical trials research
 - Training and Mobility Actions: career development and mentorship



EUROPEAN FRAMEWORK PROGRAMME (FP)

- South African Participation since FP4
 - Future Internet Research Experimentation Initiative (FIRE): highly innovation and revolutionary research partnerships: R30 million
 - European Research Area Network (ERANET): multinational networks of cooperation and co-funding projects of mutual priority: R7.6 million
 - Environmentally friendly and efficient methods for extraction of Rare Earth Elements from secondary sources (ENVREE): R360K
- Competitive EU Funding Programmes: Framework Programme (FP), European & Developing Countries Clinical Trials Partnership (EDCTP), Africa Caribbean and Pacific Science and Technology (ACP S&T) attract about €60 million into SA NSI



SECTOR BUDGET SUPPORT (SBS) PROGRAM

- **THEME:** Innovation for Poverty Alleviation
- **APPROVED DATE:** 2008
- **BUDGET:** €30 million (R300 million)
- **OBJECTIVE:** Contribute to DST policy and strategy of utilising science and technology to reduce poverty through job creation, SMME development, economic growth and improvement of quality of life.



GENERAL BUDGET SUPPORT 1

- Innovation Partnership for Rural Development: €14.3 million
 - Conceptualisation and design of technology based service delivery decisions
 - New technologies from publicly funded research to promote sustainable livelihoods, enhanced service delivery and affordable access to services
 - Enhanced learning and capacity building across targeted municipalities on technology and innovation management
 - Evidence based evaluation of the impact of Rural Innovation for Development Programmes
 - Appropriate and scientific evidence based solutions to influence policy design, development and decision-making



GENERAL BUDGET SUPPORT 2

- ICT Innovation Programme to Support Development and Improve Service Delivery: €12 million
 - Mobile internet protocol television (IPTV); accessed through cellphone network and ability to create local communication industry
 - Health integration platform – value add to the National Health Insurance System; including improved document management within government
 - Development of the optical tomography based fingerprint reader
 - Human language technology that is speech activated to improve and integrate South Africa's 11 official languages at service delivery points
 - Multi-Hazard Early Warning field terminal information system at local level



SECTOR BUDGET SUPPORT PROGRAM ACHIEVEMENTS

- Created 916 sustainable jobs
- Assisted with establishment of 67 SMMEs
- Connected 150 schools to wireless internet platform
- Invested in Essential Oils industry development in rural areas
- Established an African Ginger nursery and abalone hatchery



LESSONS LEARNED & RECOMMENDATIONS

- Equal partnership negotiations and trust building essential
- National ownership very important
- Co-investment critical for sustainability
- Early private sector involvement necessary for market access
- Social innovation should be demand driven with local ownership
- Impact paramount to all partners within programs and projects
- Diversify partners within cooperation arrangements





Theme heading insert

THANK YOU

