



French Research Institutes In South Africa



A-25 years partnership



11-12 June 2015
UKZN, Durban

From Durban COP17 to Paris COP21:
Flagship Workshop on Water Science Cooperation
for Human Capital Development



South-Africa



- 50% of publications in Africa
- 5th EU partner in the FP7
- 2nd destination for African students (after France)
- 6 prestigious Universities
- Specialized research centers, museums, specialized agencies : Sansa, TIA...
- Ten Year Innovation Plan (TYIP) 2008 – 2010 ...

Key figures of public research in South Africa

| | |
|-------------------------------|---|
| GERD | 0,76% |
| Budget | ≈ 10 MMZAR |
| Scientists (2012) | 40797 / 32392 Full time employment |
| Etudiants | 899 000 en 2012 |
| Publications 1996-2011 | 125.303 / 0,8 pub / an / chercheur |

French Research Institutes in SA

- Agreement on scientific and technical cooperation signed by the governments of France and South Africa in 2008
- One joint office for Southern Africa located in Pretoria
 - January 2011 CNRS – IRD
 - May 2015 CNRS – IRD – CIRAD



CNRS

- Public research organization which operates in all fields of knowledge :
 - It produces knowledge in order to serve society,
 - More than 34,000 including 11 450 researchers,
 - First producer of knowledge in the world,
 - A long tradition of excellence :17 Nobel laureates and 11 recipients of the Fields Medal,
 - 8 offices abroad : Brussels, Washington, Rio de Janeiro, Beijing, Tokyo, Hanoi, Singapour, New Delhi , Pretoria.

- Public research organization under the authority of both Ministries :
 - Research and Higher education,
 - Foreign Affairs
- More than 2500 including 800 researchers,
 - research, training and innovation
 - to contribute to social, economic and cultural development of developing countries,
 - Multidisciplinary approach in Africa, the Mediterranean, Latin America, Asia and the French tropical overseas territories

- French agricultural research and international cooperation organization
 - working for the sustainable development of tropical and Mediterranean regions,
 - Mandated to develop agriculture in DC by Research and Capacity building,
- About 1500 including 800 researchers,
 - food security,
 - ecological intensification,
 - animal emerging diseases,
 - the future of agriculture in developing countries

Programs in South Africa (1/3)

- 20 French Researcher posted in SA
- Different tools for ST&I projects in partnership,
- Geoscience
 - Atmospheric Research in Southern Africa and the Indian Ocean,
 - International centre for Education, Marine and Atmospheric Science over Africa,
 - Soil water erosion mechanisms and land use,
 - Water erosion and soil degradation, CO₂ cycle,
 - The origin and stabilisation of the Kaapvaal craton lithosphere.

Programs in South Africa (2/3)

- Biology & Life-Sciences
 - Biodiversity during the Plio-pleistocene era in the cradle of Humankind,
 - Biodiversity and global change in SA,
 - Evolution of vocal communication, social systems and phylogeny in African birds,
 - Unravelling the ecology of radiation in the African striped mouse : A model for understanding the responses of animals to Climate Change.

Programs in South Africa (3/3)

- Health / Geography / Human Sciences
 - Governance in water and in land use,
 - Antiretroviral treatment as a means of prevention against HIV,
 - Tuberculosis & Immunity
 - Urban National Parks in emerging Countries & Cities

FRI in SA and African – EU policy dialogue in STI

- Participating in institutional EU projects to
 - Enhance the EU policy dialogue in STI
 - Increase networking between African and European researchers and STI organizations
 - Promote H2020 EU research program in Africa
 - Promote co-funding schemes for joint projects
- ERAfrica (FP7 Eranet)
- CAAST NET + (FP7 INCONET)
- ESASTAP + (FP7 Bilateral program)
- RINEA (H2020, 6th Societal Challenge)

Thank you

