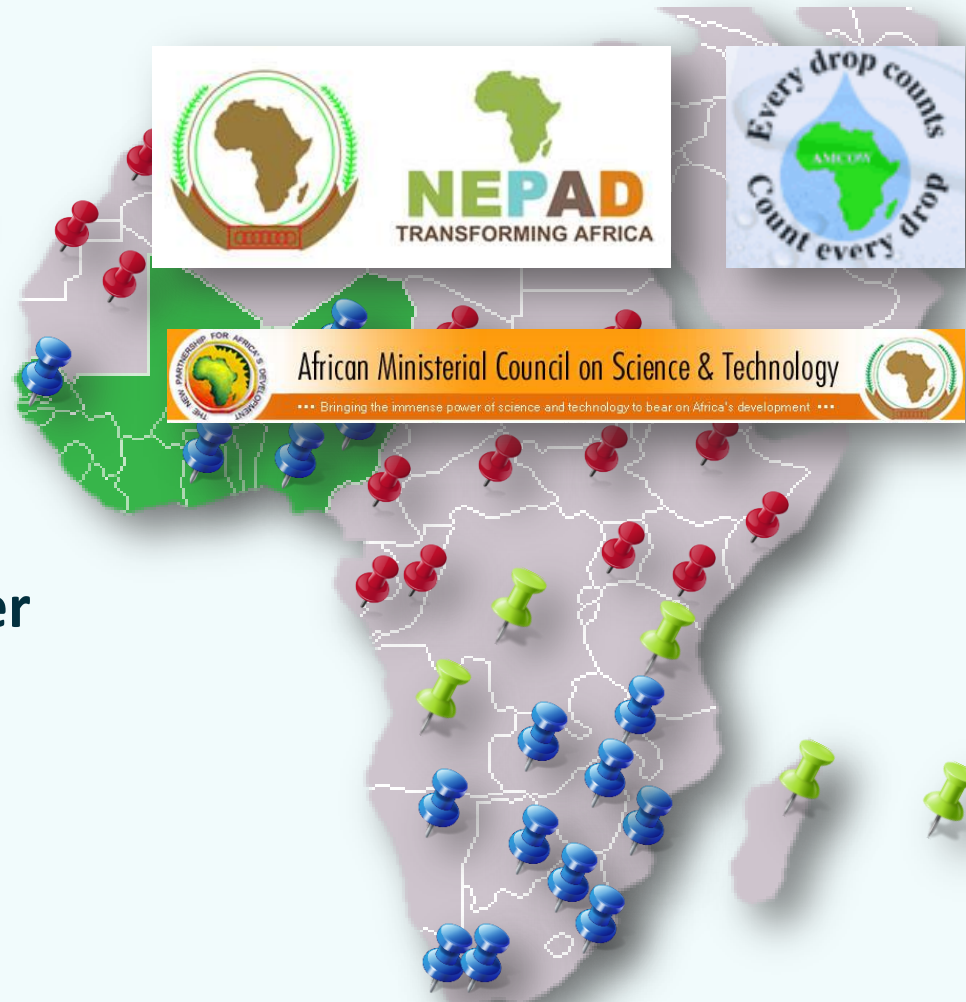


AU/NEPAD AFRICAN NETWORKS OF WATER CENTRES OF EXCELLENCE



Presented by: Mr. Nico Elema
Programme Manager: AU/NEPAD
Southern African Network of Water
Centres of Excellence

www.nepadwatercoe.org
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The AU/NEPAD
Networks of Water
Centres of Excellence
Scientific research
to achieve Impact
in the African Water Sector.
KNOWLEDGE PARTNERS
ACROSS AFRICA

Our Mandate - 2006

The African Ministerial Councils on

- Science and Technology (AMCOST)



- and Water (AMCOW)



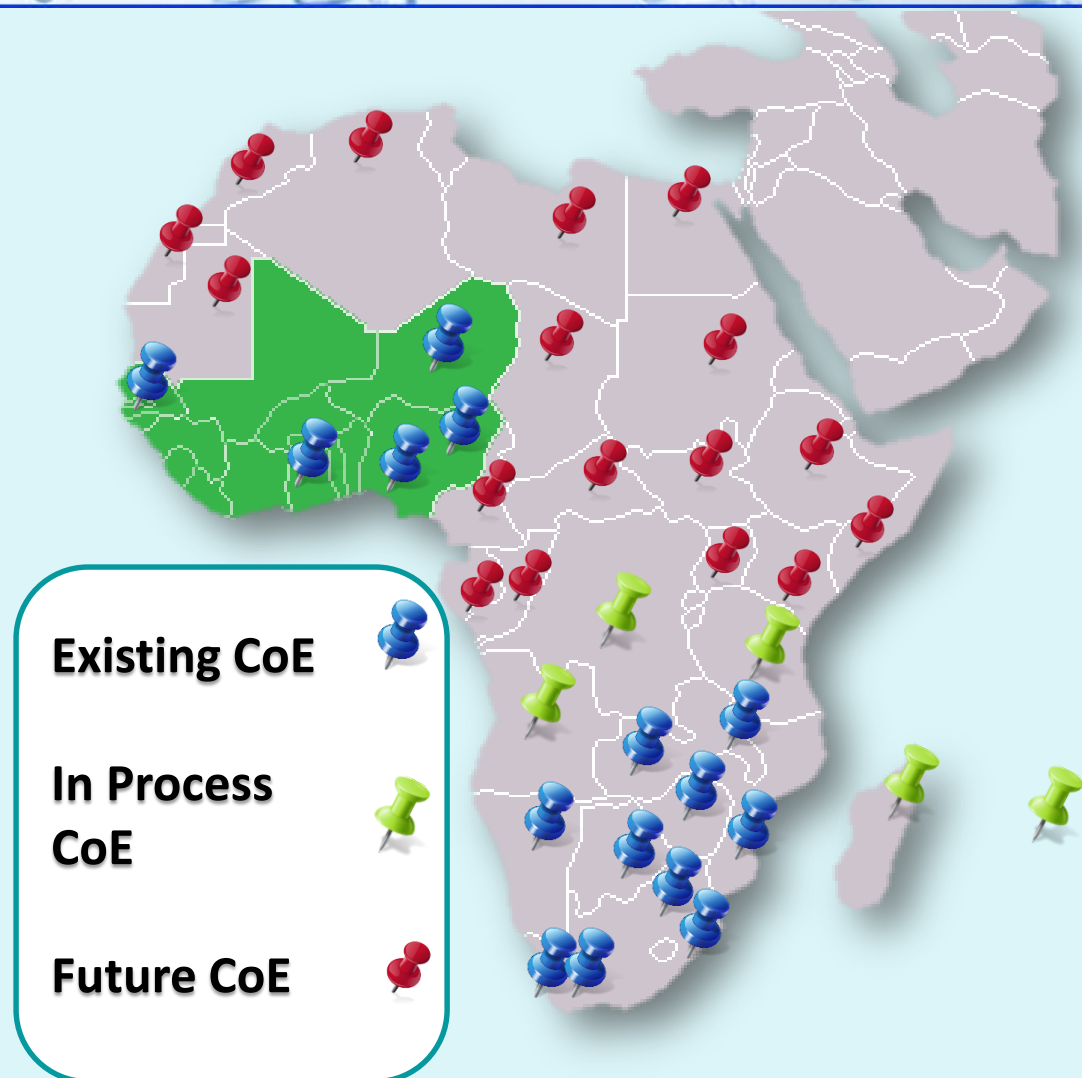
Authorized the CoE initiative to run under
NEPAD's Office of Science and Technology

(Cairo Resolution, 2006)



About

Networks of Higher Education- and Research institutions across Africa, who conduct high-end scientific research on water and related sectors, in order to achieve policy impact with governments.



FOCUS AREAS

Own activities and support (CAP-NET; GWP; WaterNet etc.)

1. Research and Development (including infrastructure) through innovation;
2. Human capacity development;
3. Research- utilization, -impact and evaluation;
4. Outreach through networking; conferences and workshops;
5. Strategic partnerships and
6. Financial sustainability.



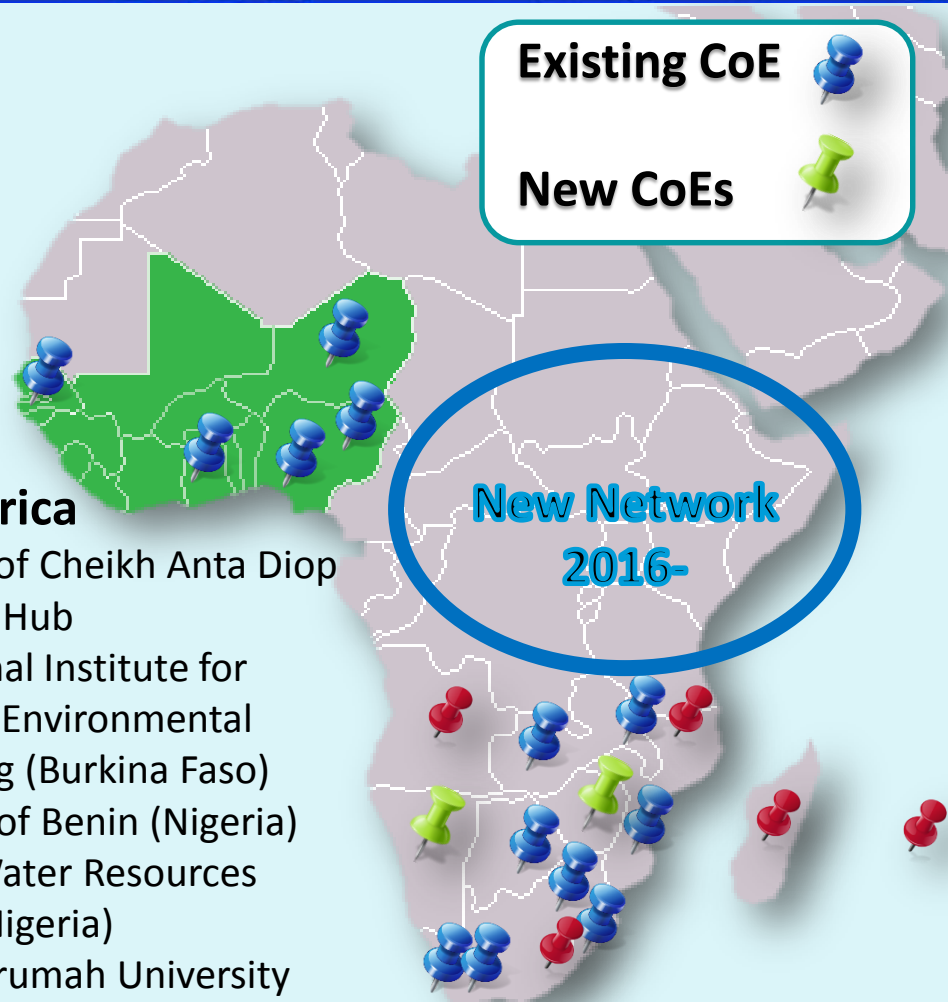
Institutions

Southern Africa

- Stellenbosch University (South Africa) – as the Secretariat and hub
- International Centre for Water Economics and Governance in Africa (Mozambique) - Node
- University of KwaZulu-Natal (South Africa) - Node
- University of Western Cape (South Africa) - Node
- University of Malawi (Malawi) - Node
- University of Zambia (Zambia) - Node
- University of Botswana (Botswana) - Node
- The Council for Scientific and Industrial Research, CSIR (South Africa) – Node
- **Namibia Polytechnic (Nam)**
- **National University of S&T (Zim)**

Western Africa

- University of Cheikh Anta Diop (Senegal) - Hub
- International Institute for Water and Environmental Engineering (Burkina Faso)
- Université of Benin (Nigeria)
- National Water Resources Institute (Nigeria)
- Kwame Nkrumah University for Sciences and Technology (Ghana)



AMCOW Resolution - 2013

EXCO/11/2013/CAIRO/17: EXCO notes the growing human resources shortages to achieve water and sanitation goals in Africa and directs the Secretariat to work with the



AUC and NEPAD Centres of Excellence to develop a Human Capacity Development Programme aimed at addressing junior professional and technician level capacity challenges in the water sector. (Decision of the 11th AMCOW Executive Committee of the African Ministers Council on Water (AMCOW) on 6th June 2013 in Cairo, Egypt)

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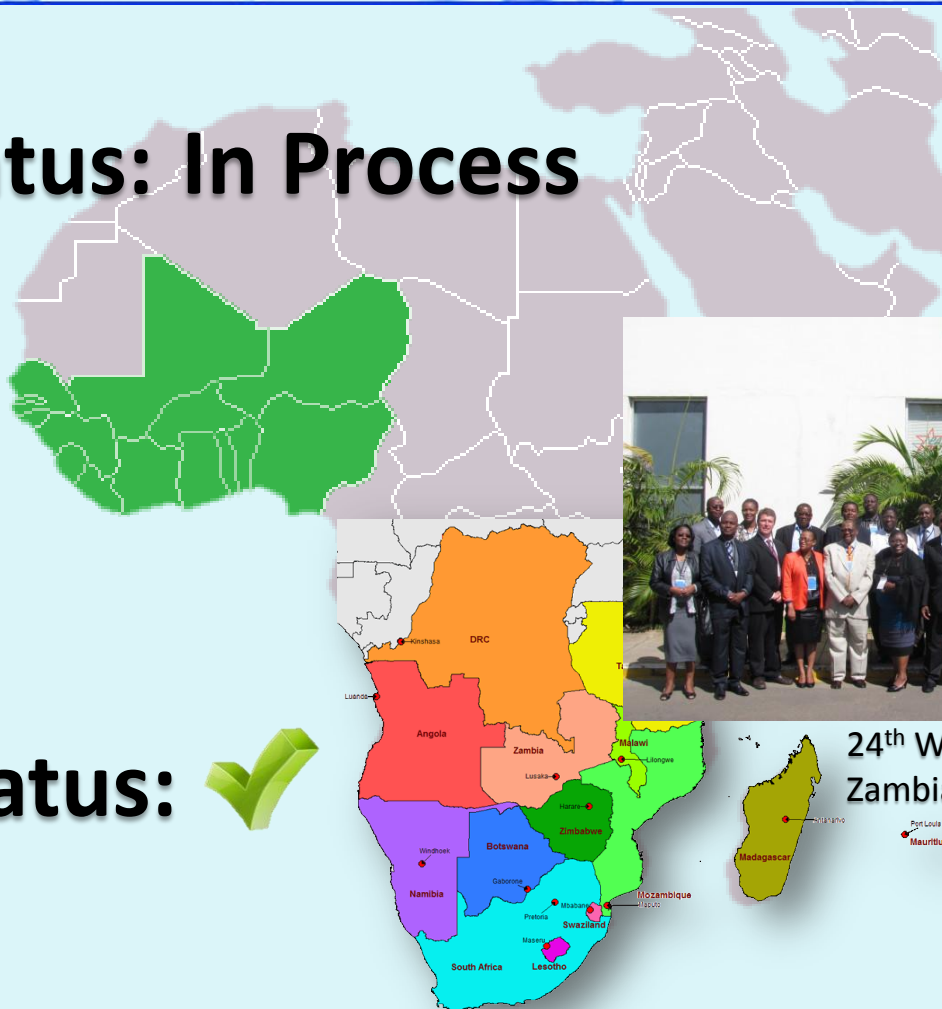
INSTITUTIONALISATION Regional



Status: In Process



Status:

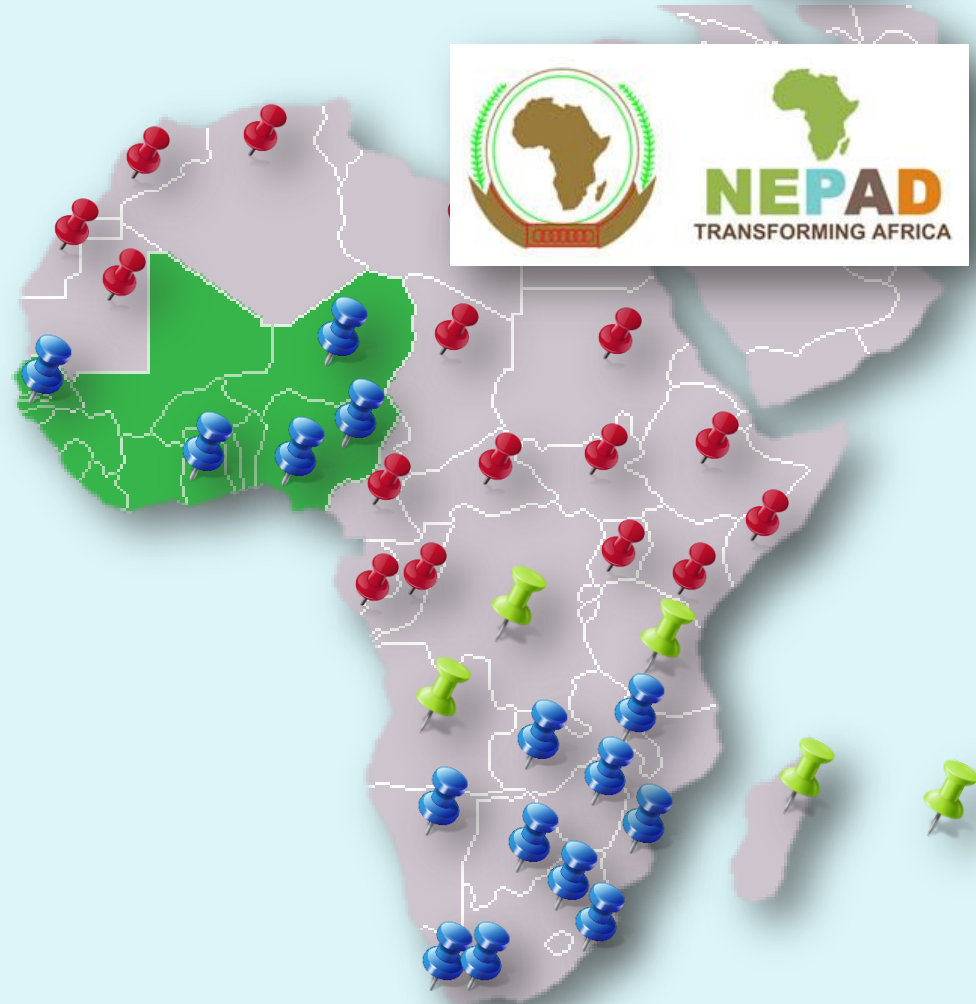


24th WRTC Meeting, Lusaka, Zambia, May 2013





EUROPEAN COMMISSION SUPPORT FOR THE AU/NEPAD AFRICAN NETWORKS OF WATER CENTRES OF EXCELLENCE





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EC Phase II Project

4 clusters of activities:

Enlargement of the network to Central and Eastern Africa

Knowledge and data management for water security and climate change -> water security atlas

Regional databases on climate variability impact on water resources management

Implementation of the AMCOW declaration on junior professional and technician at regional and national level, 3 regions + 14 countries

Pilot applications in 3 countries

EC Phase II Project

Western African CoE Network members

- University of Cheikh Anta Diop (Senegal)- Hub
- International Institute for Water and Environmental Engineering (Burkina Faso)
- University of Benin (Nigeria)
- National Water Resources Institute (Nigeria)
- Kwame Nkrumah University for Sciences and Technology (Ghana)

Southern African CoE Network members

- Stellenbosch University (South Africa) – Hub
- International Centre for Water Economics and Governance in Africa (Mozambique)
- University of KwaZulu-Natal (South Africa)
- University of Western Cape (South Africa)
- University of Malawi (Malawi)
- University of Zambia (Zambia)
- University of Botswana (Botswana)
- The Council for Scientific and Industrial Research, CSIR (South Africa)

Eastern and Central Africa

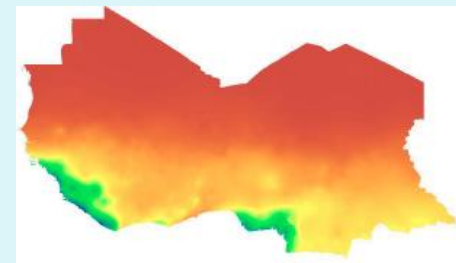
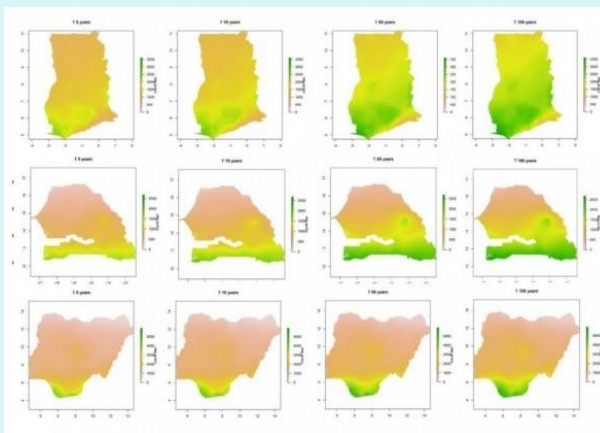
- Selection to be carried out 2016-2017



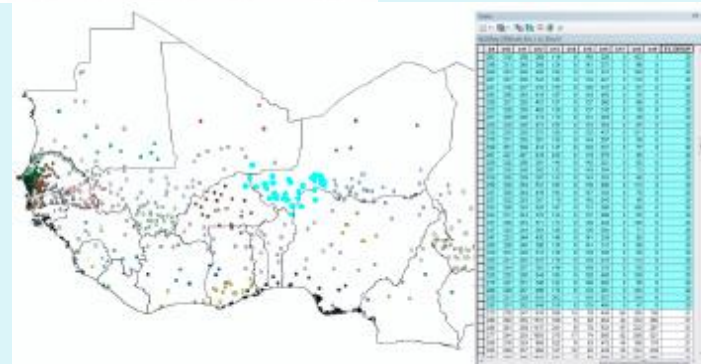
EC Phase II Project

Scientific activities supporting policy making

Knowledge and data management for water security and climate change -> water security atlas



Regional databases on climate variability impact on water resources management



EC Phase II Project

Implementation of the AMCOW declaration on junior professional and technician at regional and national level, 3 regions + 14 countries

- **1 Establish the common sector priorities for higher education institutions at regional level in Western, Southern, Central and Eastern Africa**
- **2 Establish a national Human Capacity Development Programme addressing junior professional and technician level capacity challenges in all the NEPAD CoE Countries**

EC Phase II Project

Pilot applications in 3 countries

Implement the Human Capacity Development Programme addressing junior professional and technician level capacity challenges in one country per region in collaboration with relevant institutions and fostering sustainable capacity development approach





THANK YOU

NEPAD NETWORKS OF WATER CENTRES OF EXCELLENCE

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National Water
Resources Institute,
Nigeria