

Who benefits from AfricaConnect3?

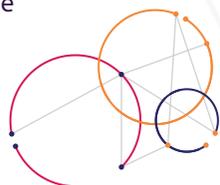
African Students and Researchers

- High-speed, reliable broadband connectivity and services such as eduroam and eduGAIN.
- Access to innovative e-learning tools and advanced research resources.
- Collaborative learning and research with peers around the world.



African National Research and Education Networks (NRENs)

- Capacity building to upscale human resources output.
- Participation in global R&E events for increased exposure.
- Knowledge transfer and exchange of best practice.
- Connectivity at best rates in complex market conditions.



Global Research and Education

- Connecting the world to Africa's scientists, students and educators.
- Bridging the digital divide and fighting brain drain in Africa.
- The enormous potential of Africa is unlocked!



What to expect from AfricaConnect3

AC3 will greatly improve access for researchers, students and institutions to digital infrastructures and technologies, connecting Africa to unlimited possibilities.

Specifically, AC3 will:

- Enhance human capital development through training programmes and events.
- Facilitate creative local solutions to global societal challenges such as diseases, natural disasters and climate change.
- Support the United Nations' Sustainable Development Goals (SDGs), in areas such as education, health and wellbeing, water and sanitation and climate action.
- Narrow the digital divide by improving access to and reducing cost of advanced, reliable internet connectivity for R&E.
- Enhance learning, knowledge and skills, research and innovation capacities, particularly for women and youth.

ec.europa.eu/europeaid
geant.org | ubuntunet.net | wacren.net | asrenorg.net



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CONNECTING AFRICA TO UNLIMITED POSSIBILITIES



Welcome to AfricaConnect3

AfricaConnect3 (AC3) is the third phase of the AfricaConnect project, building on the success of predecessor projects in supporting the creation, development and use of advanced, reliable internet connectivity for the teaching, learning and research communities of Africa.

AC3 is co-funded by the European Union and delivered locally by regional organisations - UbuntuNet Alliance, WACREN and ASREN, together with GÉANT.

Building on Success

AC3 will add further value to African research and education (R&E), building on the achievements of predecessor projects; for instance in:

ZAMBIA



Internet capacity multiplied



Costs dropped over a 4-year period

NIGERIA



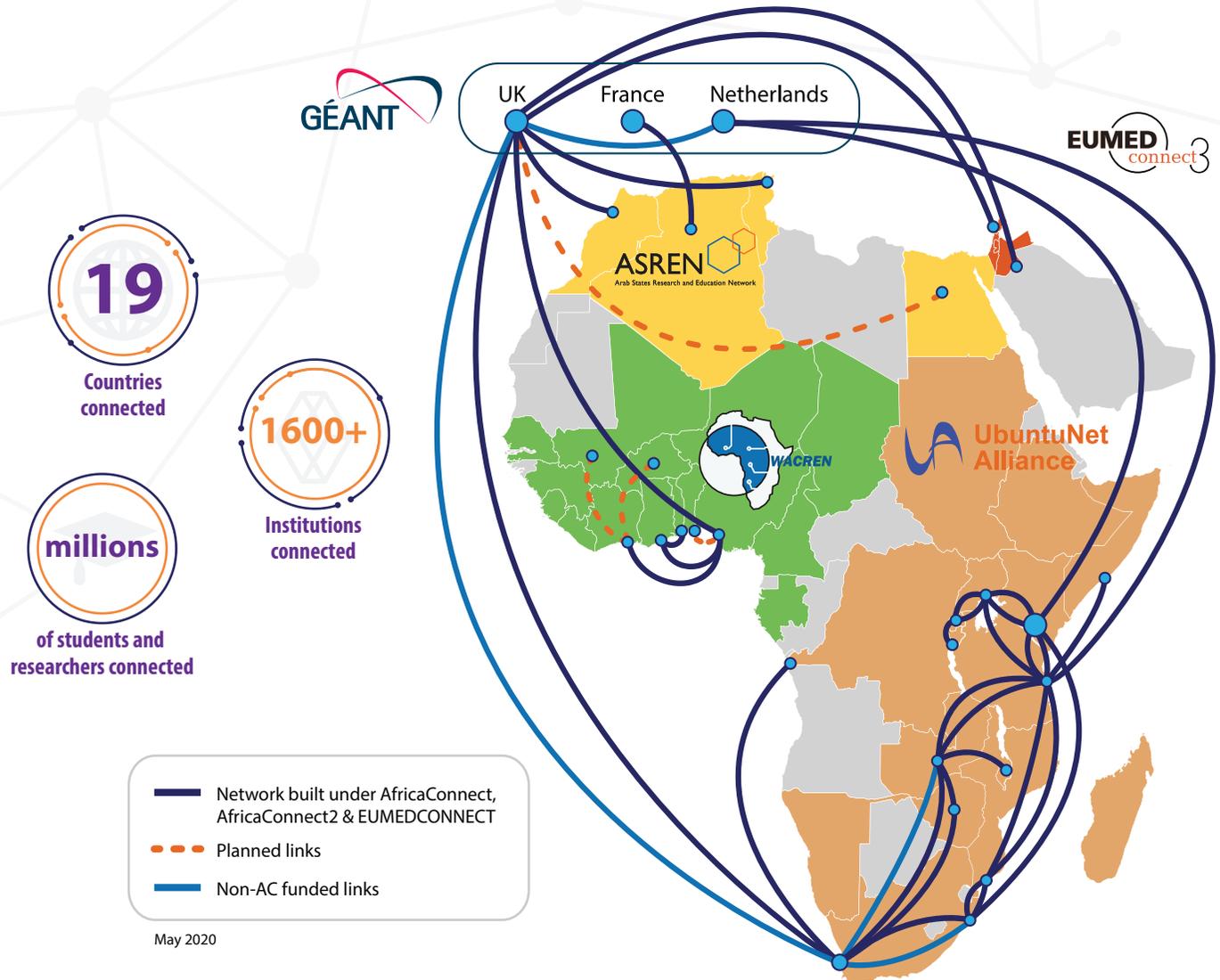
Students used the network to build a mock surveillance system for intruder detection, replicated subsequently at other campuses in Nigeria.

EGYPT



Connectivity supported monitoring and prediction of sandstorms, allowing authorities to issue timely alerts.

The AfricaConnect success story so far



“ In a Hackfest hundreds of women applied skills from an online coding course to build weather data logging stations. May AC3 empower even more women in STEM. ”



Temilade Ruth Adelakun
University of Ibadan, Nigeria

“ AC3 allows ATLAS scientists in Morocco to access LHC data in a smart way. We can continue to be at the forefront of the stimulating work of investigating the origins of the universe. ”



Prof. Farida Fassi
Mohammed V University, Morocco

“ AC3 and RENU will provide reliable Internet access for the 2nd African Center of Excellence in Bioinformatics, which will be set up in Kampala. ”



Lloyd Ssentongo
NIH, Uganda