

GIRLS CODING CAMP 2015

BOUR, THIÈS, RUF

WOMEN IN STEM IN AFRICA

LEGATUM INSTITUTE- WOMEN IN STEM IN AFRICA – MARIEME JAMME



WOMEN HAVE POWER

“WHEN WOMEN ARE FULLY INVOLVED, THE BENEFITS CAN BE SEEN IMMEDIATELY, FAMILIES ARE HEALTHIER, THEY ARE BETTER FED, THEIR INCOME, SAVINGS AND REINVESTMENT GO UP. AND WHAT IS TRUE OF FAMILIES IS TRUE OF COMMUNITIES AND, EVENTUALLY, WHOLE COUNTRIES.”

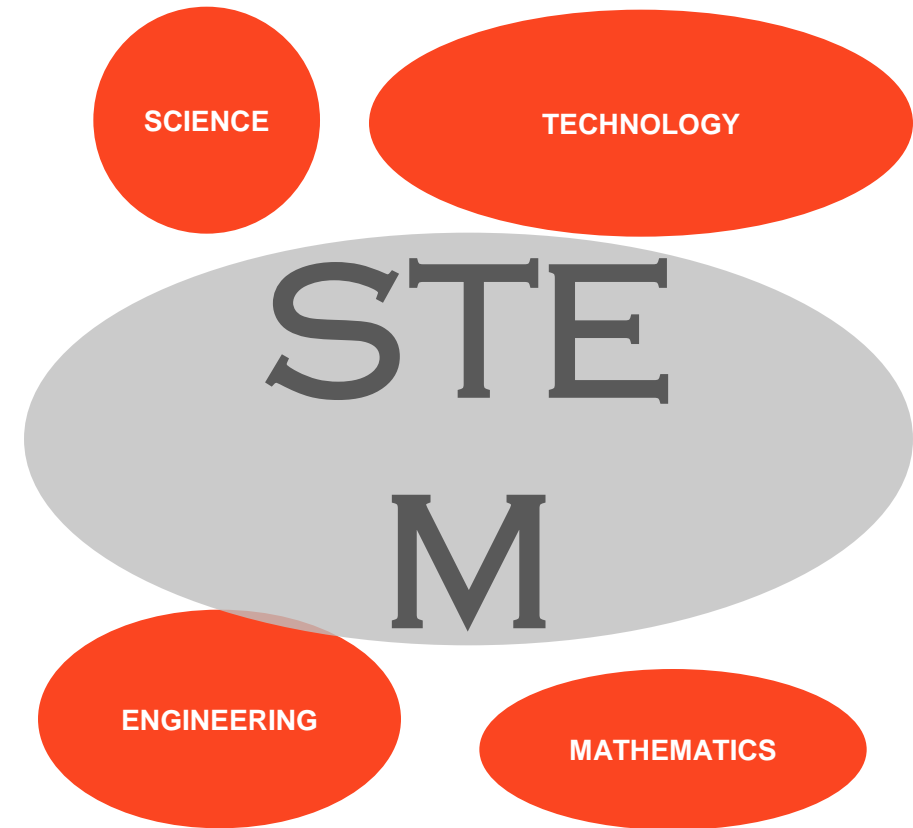
KOFI ANNAN

THE IMPORTANCE OF STEM

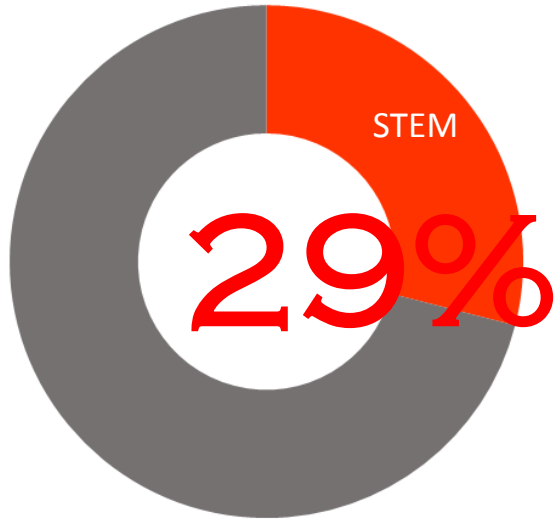
Without advanced competency in these areas, nations cannot harness the full power of scientific research and technological tools to solve the many health, energy and development challenges confronting them.

Africa needs skills in Science and Technology , not Aid:

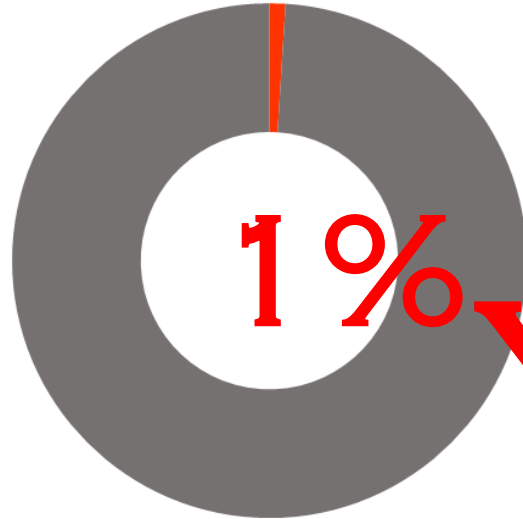
What ultimately distinguishes — and continues to handicap — Africa is its lack of mastery of modern science and technology.



WHERE ARE WE TODAY?

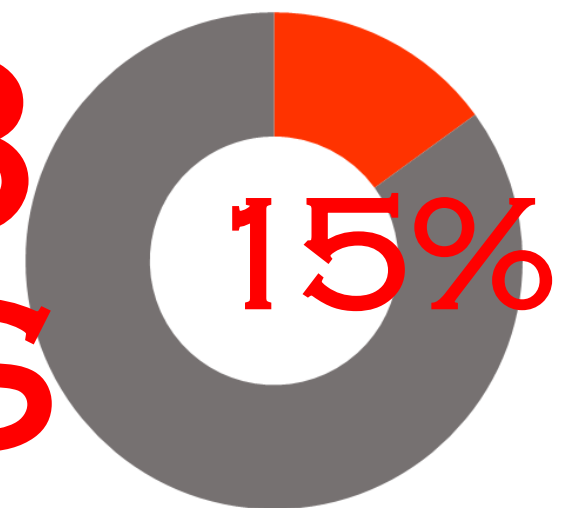


STEM RESEARCH ACCOUNTS FOR ONLY 29% OF AFRICA'S TOTAL RESEARCH OUTPUT.
(WORLD BANK, 2014)



AFRICAN RESEARCHERS ACCOUNT FOR ONLY 1% OF THE WORLD'S RESEARCH.
(WORLD BANK, 2014)

16-18 YEARS



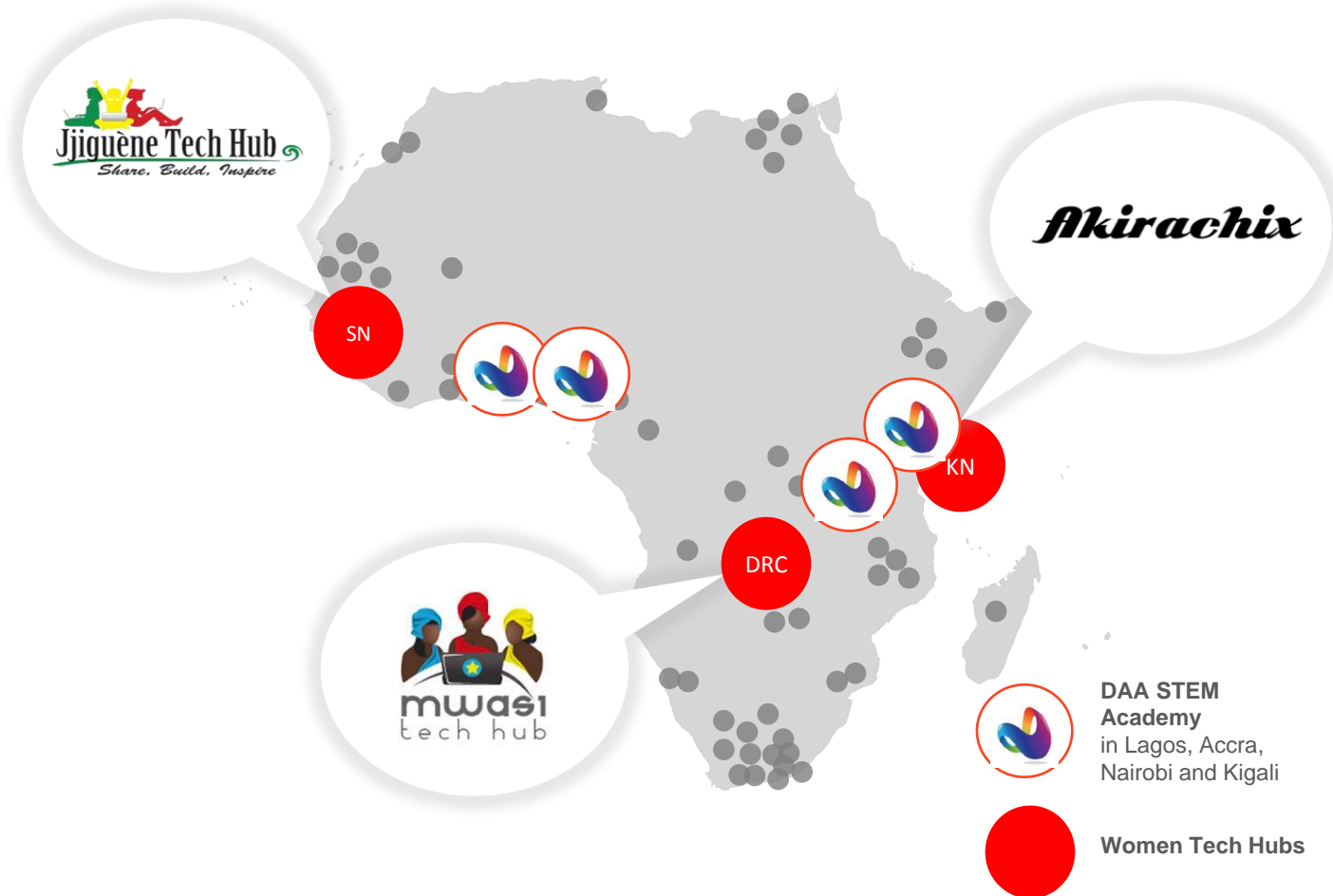
LESS THEN 15% OF WOMEN IN AFRICA ARE WORKING IN TECHNOLOGY

EARLY ADOPTION OF STEM BETWEEN THE AGES OF 16 –18 IS MISSING. EXISTING INITIATIVES FOCUS ON HIGHER EDUCATION.
(DAATech, 2014)

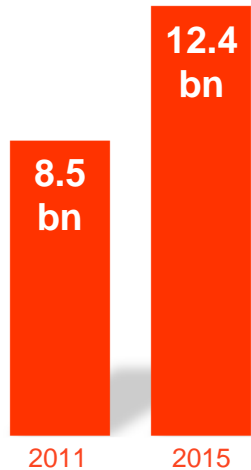
WHERE ARE WE NOW?

- Over 104 technology hubs across Africa
- 63 women tech networks
- growing women tech hubs in Senegal, DRC and Kenya
- New women tech hubs planned in 2015

Encouraging, building and training more women in the technology ecosystem in Africa through networking, mentoring and sharing knowledge.



REASONS FOR STEM IN AFRICA



AFRICA'S IT MARKET IS EXPECTED TO GROW FROM \$8.5 BILLION TO \$12.4 BILLION BY 2015
(IBM, 2014)

**2.500.000
THE YOUNGEST
CONTINENT**



ENGINEERS AND TECHNICIANS ARE REQUIRED IN SSA.
(UNESCO, 2014)

200 MILLION PEOPLE BETWEEN THE AGES 15-24
(UNESCO, 2014)

YOUNG PEOPLE ARE OUR FUTURE LEADERS

- Enormous potential for maximizing the growth of technology in Africa through increasing the number and quality of women in technology.
- Increasing the number of women in tech, entrepreneurs and girls in STEM will help to reduce the gender gap and compete favourably with our male counterparts for jobs and improve the livelihoods of women in Africa.

PROMOTING WOMEN AND BIG DATA

WE NEED TO INVOLVE WOMEN IN THE AFRICAN
DATA CONVERSATION IF WE WANT TO SEE
PROSPERITY AS THEY ARE PRODUCER,
CONSUMER.



THANK YOU!

FOR MORE
INFORMATION PLEASE
CONTACT:

MARIEME JAMME

Web: www.africagathering.org

My Blog: www.mariemejamme.com

Twitter: @africagathering

Twitter: @mjamme

Tel UK: +447595882717

