Coding for Employment

Developing Africa's next generation of digitally-enabled workforce

EMPLOI DES JEUNES EN AFRIQUE (EJA)
JOBS FOR YOUTH IN AFRICA (JFYA)
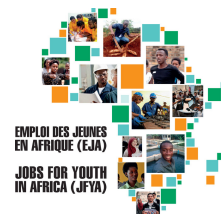
CONTEXT

Youth are Africa's greatest asset, but this asset remains untapped due to high unemployment. Africa's youth population is rapidly growing and expected to double to over 830 million by 2050. The potential benefits of Africa's youth population are unrealized as two-thirds of non-student youth are unemployed, discouraged, or only vulnerably employed – Despite gains in education access over the past several decades.

With the world at the brink of a fourth industrial revolution, the demand for digitization across all sectors has never been greater. Digital innovation across sectors, is generating large pool of job opportunities in the ICT value chain - increasingly shaping the jobs of the future. Yet, more than 70% of Africans still lack access to internet and digital infrastructures.

Africa's youth holds great potential to lead this digital revolution. The youth population comes with high energy, creativity and talents, which are also the key to future prosperity. However, they lack the skills, and experiences needed to access the full range of available employment and entrepreneurship opportunities in this sector.

> "For the ICT sector dynamics to be considered in terms of an opportunity in Africa, there is an urgent need for education and research systems strengthening"
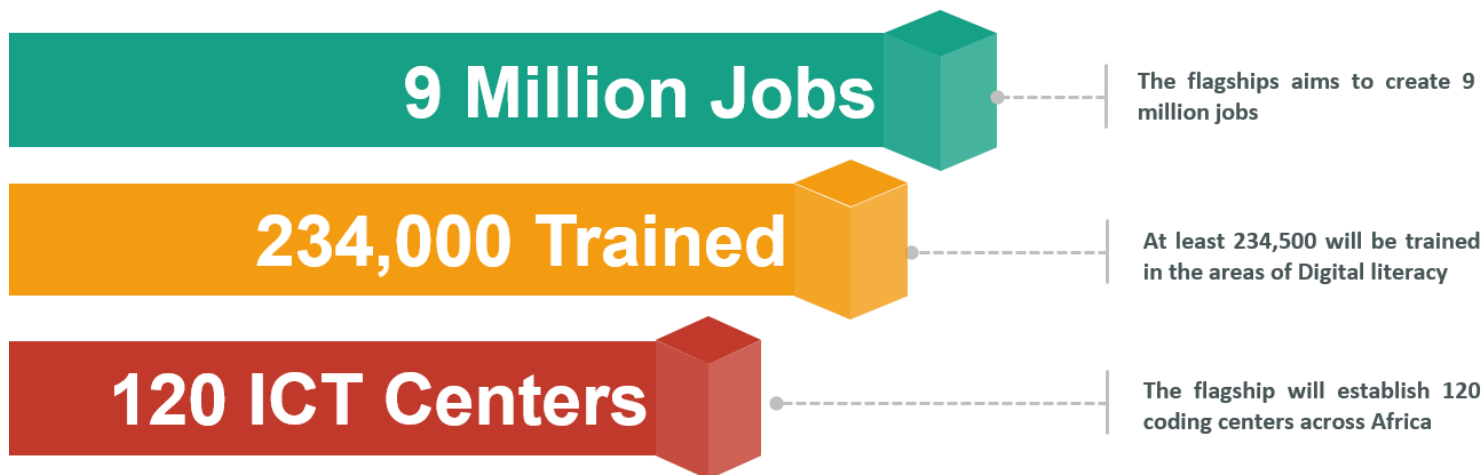
CODING FOR EMPLOYEMENT FLAGSHIP

The Jobs for Youth Africa (JfYA), has an ICT flagships aim is to develop and launch Africa's next generation of digitally enabled youthful workforce. Through demand-driven training, the programs will equip youth across the continent with the skills needed to secure ICT, ICT-enabled, and ICT services employment.
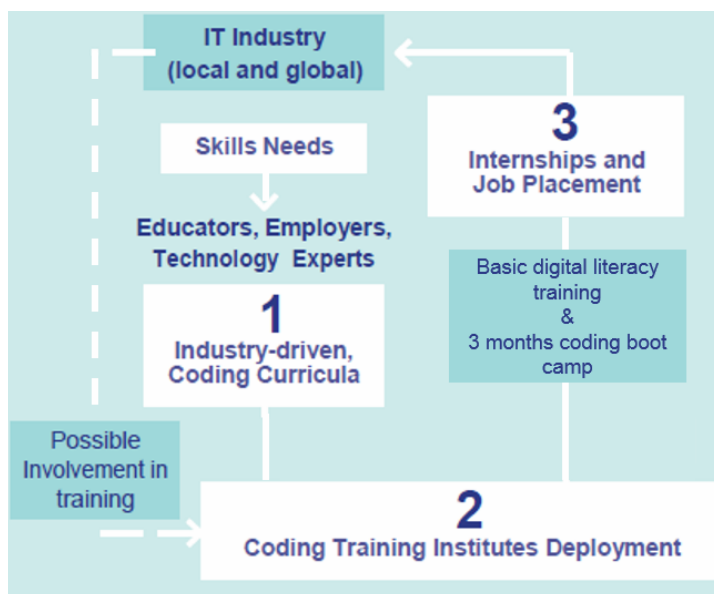The program focuses on both technical, and "soft" entrepreneurship skills that are transferable across sectors and are inclusive of vulnerable and disadvantaged and strategically position youth to compete for the jobs of the future.

THE FLAGSHIP OUTCOME

During a period of 10 years, the program is expected to create over 9 million jobs, train 234,000 youths and establish 120 ICT centers for excellence in Africa.
A key outcome of the program is the young people being able to build their own enterprises that they will then create a "ripple effect" where their innovation will not only create employment for other young people but also enable them access the same skills through mentorship and peer- to – peer learning.

9 Million Jobs
The flagships aims to create 9 million jobs

234,000 Trained
At least 234,500 will be trained in the areas of Digital literacy

120 ICT Centers
The flagship will establish 120 coding centers across Africa

IT Industry (local and global)

Skills Needs

Educators, Employers, Technology Experts

3 Internships and Job Placement

1 Industry-driven, Coding Curricula

Basic digital literacy training & 3 months coding boot camp

Possible Involvement in training

2 Coding Training Institutes Deployment

PROGRAM IMPLEMENTATION

1. A study will be conducted across Africa, to identify skills needs in the sector and develop a practical, demand-driven training.

2. The program will provide appropriate facilities and infrastructure (ICT Centers of Excellence) which will house the training program.

3. Specifically, the trainings will be delivered in two trenches:
   - (2-5 Days) Basic digital literacy and soft skill training
   - 3 months advance Coding Bootcamp
(Target Beneficiaries include highly disadvantaged youth between the ages of 15-35 years old, living in Urban or Rural. The program will explore the option of all-female cohort to mainstream gender.

4. Emphasis will be placed on technical skills (e.g., programming languages), soft skills relevant and entrepreneurship skills.

5. Upon training completion, beneficiaries will be awarded certificates. After which, the program will work with stakeholders to assist beneficiaries in obtaining internships or full-time roles.

BANK IN ACTION

Investments in Senegal, Angola, Ethiopia, Nigeria, Cap Vert, Rwanda:

In Senegal and Cap Vert, the Bank has already invested a total of Euros 80 Million to develop technology parks equipped with demand driven training and data centers, and innovation hubs. Other technology parks in development include Ethiopia, Angola, and Nigeria.
In Rwanda, the Bank invested $13m in the development of the Carnegie Mellon University Information and Communication Technology (ICT) Center of Excellence.

PARTNERSHIP

A multi-stakeholder approach is being adopted in the program implementation to ensure coordinated impact and scale. For instance:
The program is working closely with the Rockefeller Foundation Digital Jobs Africa; to scale inclusive employment selected pilot countries in Africa between 2017-2018.
In addition, partnership is being developed with key private sectors to leverage existing/ similar initiatives, a provide coordination, technical assistance and an opportunity to scale the quality and quantity of youth reached.

CONTACT -US

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