

**ONE BILLION PEOPLE
ONE BILLION OPPORTUNITIES**



***Education and skills development collaborative initiatives
between the Government of Japan and the African
Development Bank : JAPAN AFRICA DREAM SCHOLARSHIP***



Keiko Takei & Emmanuel Mutisya



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HUMAN CAPITAL 

ALIGNMENT WITH THE HIGH 5s



The High 5s for transforming Africa



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OUR VISION - Harness the Potential of One Billion Africans



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KEY INTERVENTIONS

○ Health and Harnessing Grey Matter Infrastructure-

- African Leaders for Nutrition (ALN)
- Nutrition : Banking on Nutrition (BON)
- Value for Money (VfM)

○ Education & Skills

- Science, Technology, Engineering and Mathematics (STEM)
i.e. Digital Skills & Coding for Employment (CfE) & ICT
- Technical & Vocational Education and Training (TVET)

○ Jobs for Youth in Africa

- The Youth Entrepreneurship and Innovation Multi- Donor Trust Fund (YEI MDTF)
- Entrepreneurship & Innovation Lab (EIL)
- The “Enabling Youth Employment” dashboard (EYE)

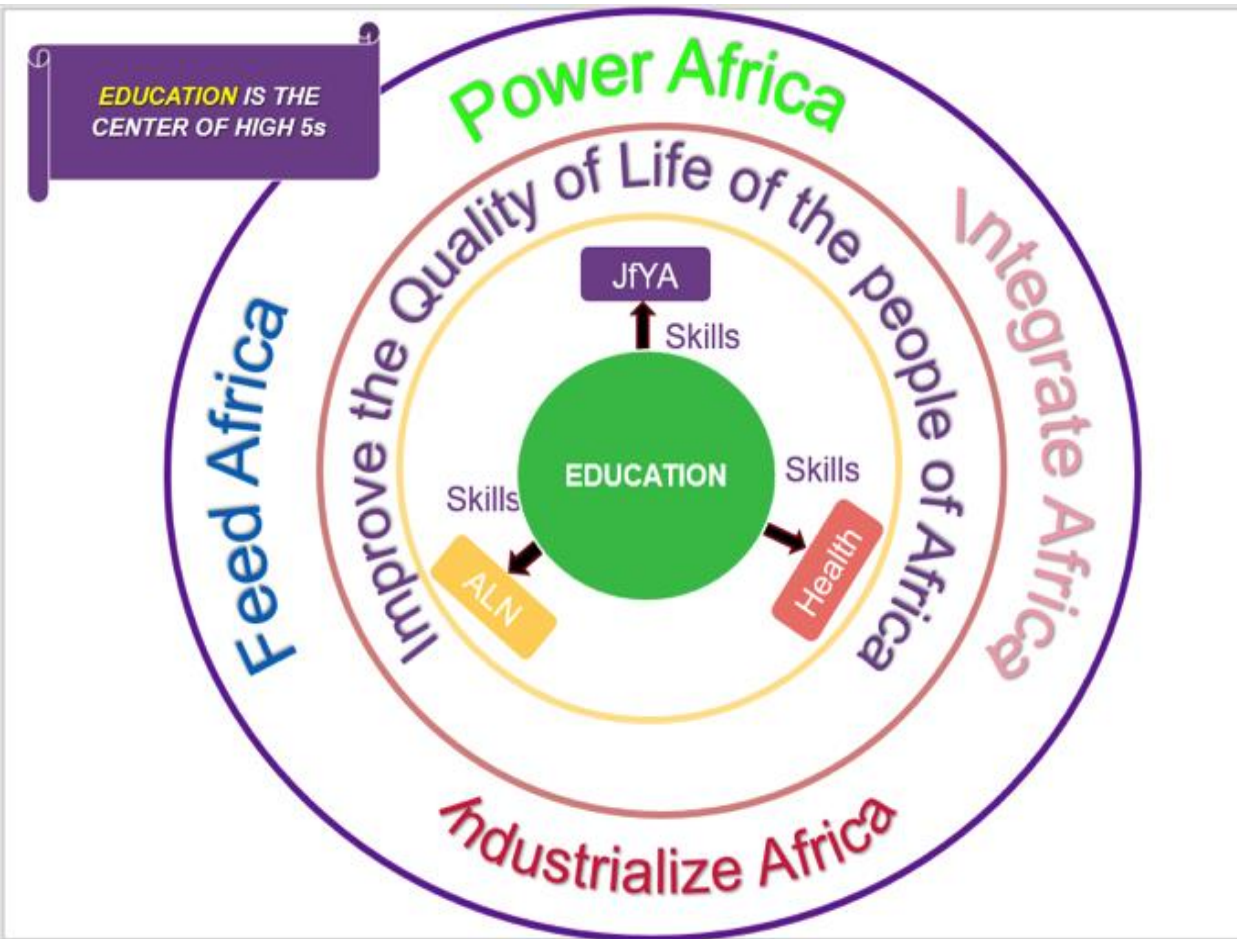


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COMPREHENSIVE APPROACH TO SKILLS DEVELOPMENT THROUGH EDUCATION

Structural Dimension

- Support reforms
- Improve efficiencies to maximize resources
- Innovative financing
- Stronger governance systems

Institutional Dimension

- Creative partnerships
- Strengthening competences
- Revitalizing TVET for entrepreneurship & jobs
- Inputs and processes – infrastructural, equipment

Functional Dimension

- Redefining role of teaching, research & service
- Multi-disciplinary and inter-disciplinary methods
- Field-based and problem-solving oriented curricular components

AFDB-JAPANESE GOVERNMENT PARTNERSHIP ON EDUCATION AND SKILLS DEVELOPMENT IN AFRICA

○Several Programs supported by the Government of Japan

- Japan Africa Dream Scholarship Program (JADS)
- Education for Sustainable Development in Africa (ESDA)
- African Education Fund (AEF)



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IMPACT OF BANK'S INTERVENTION IN SKILLS DEVELOPMENT

Ms. Takunda Chitaka, ESDA Program Graduate



Ms. Chitaka who graduated from the Education for Sustainable Development in Africa (ESDA) program at the University of Cape Town did a **novel research on plastic recycling. She recently won the 2019 PETCO Excellence in Academia Award for her research in plastic marine pollution.** She is now undertaking her PhD studies in Chemical Engineering at the University of Cape Town.



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Japan Africa Dream Scholarship (JADS) Program



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JADS Program Background

- JADS is a **capacity building program in energy sector**, initially, in Africa through skills development for sustainable development
- Funded by the Government of Japan - a joint initiative by the AfDB and Japan that **aims at providing two-year graduate scholarship awards to highly achieving African students**



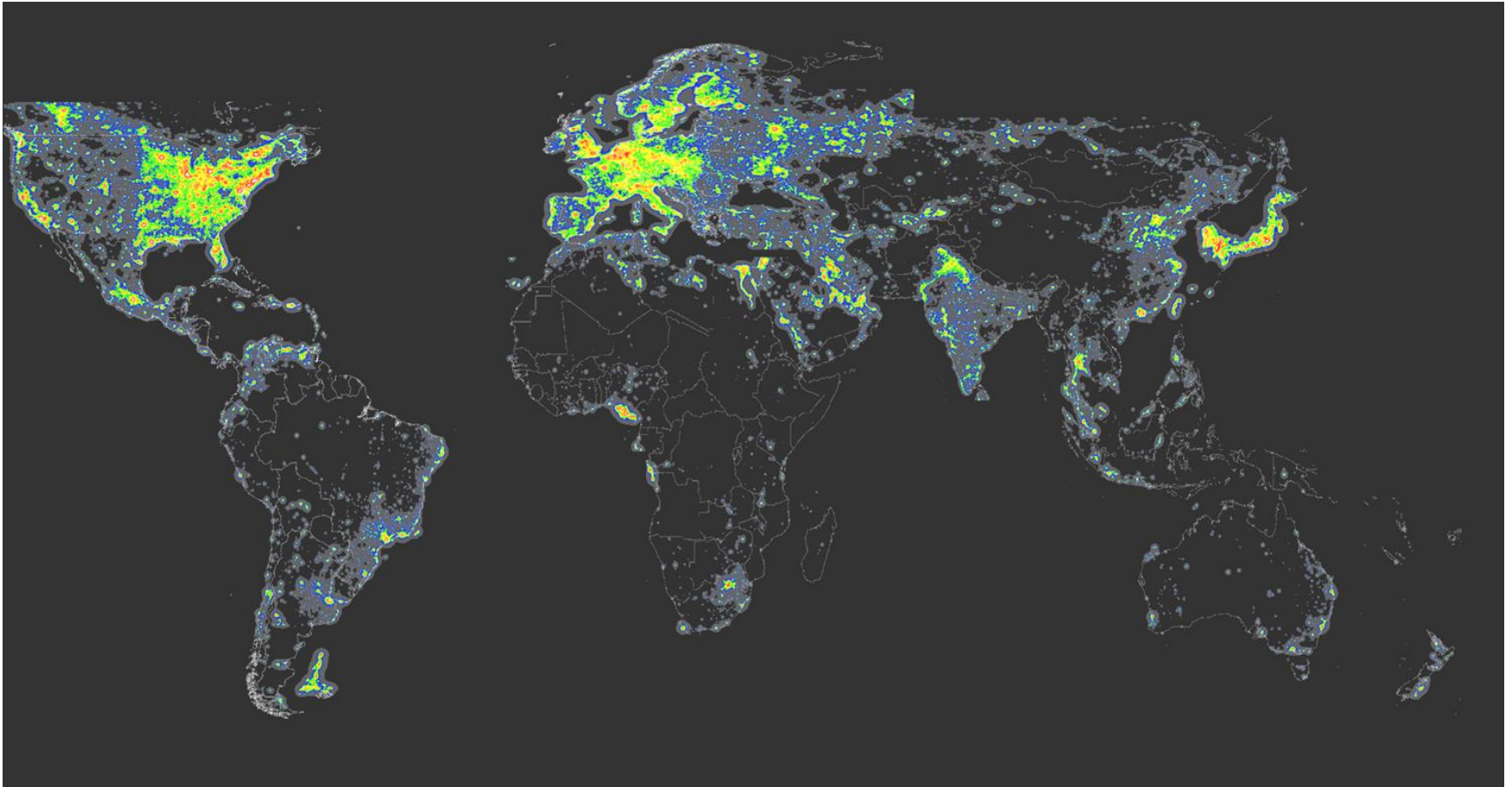
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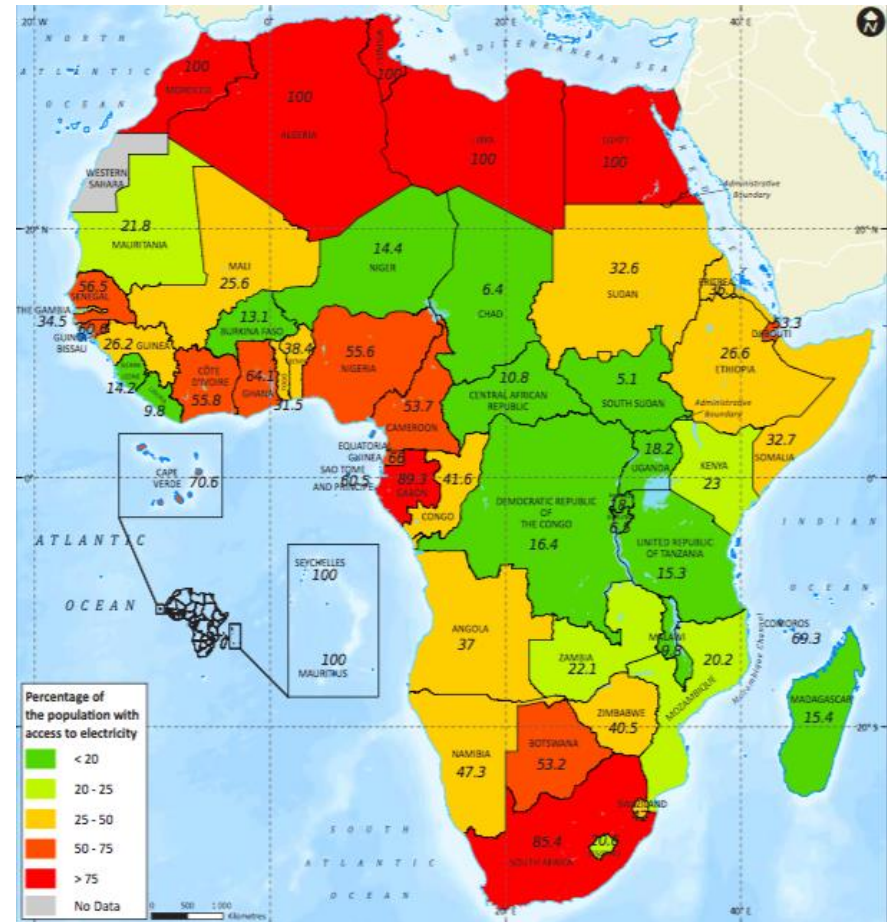
Why Energy Focus: Global Power Production and Consumption

More than 600 Million Africans can not access to the electricity (AfDB 2018)



Sub-Sahara Africa consumes a paltry **181 kwh/capita**, compared to 13000kwh/capita in the US and 6,500kwh/capita in Europe

- Africa has massive energy resources, but faces **poor accessibility, affordability and efficiency**
- Core challenges are lack of funding for energy projects, political and credit risk, and **lack of relevant skills set** in the energy sector among other factors



JADS Goal and Objectives

- The Main objective is to provide an opportunity to African Youth to undergo **higher education training in Africa and Japan, in order to enhance skills development** for quality infrastructure in the energy sector in Africa.
- The **objectives of the JADS** are to:
 - ✓ Increase the number of **young Africans with advanced skills and competences in science, technology and innovation**, especially in energy engineering and sustainability to enable them to become future leaders in the energy sector;
 - ✓ Promote **Japanese energy sector professionals** to contribute to building capacity in the energy sector in Africa; and
 - ✓ Strengthen the **involvement of Japanese energy sector companies** in energy development in Africa.

JADS Unique Characteristics

- Graduate training of highly achieving African students in energy studies in both Japanese and African universities
- Improvement of the existing energy graduate programs

Graduate training – both Japan and Africa

- Partnership of universities and private sector companies in course delivery, internship & job placement
- Joint research

JADS- Quality Skills Dvpt

Support marginalized youth

- Target marginalized youth especially those from poor background, orphans, disabled, young mothers, etc to give them a second chance

University-Industry Partnership

Scholarship Benefits

The JADS Scholarship provides the recipient with the following benefits:

- Economy class air travel between your home country and the host university at the start of the study program and immediately following the end of the scholarship period.
- Tuition for a graduate program and the cost of basic medical insurance usually obtained through the university.
- A monthly subsistence allowance to cover living expenses



NOTE: *For scholars engaged in research, a special grant may be available for research and thesis preparation.* JADS scholarship covers the duration of the graduate program or two years, whichever is less.

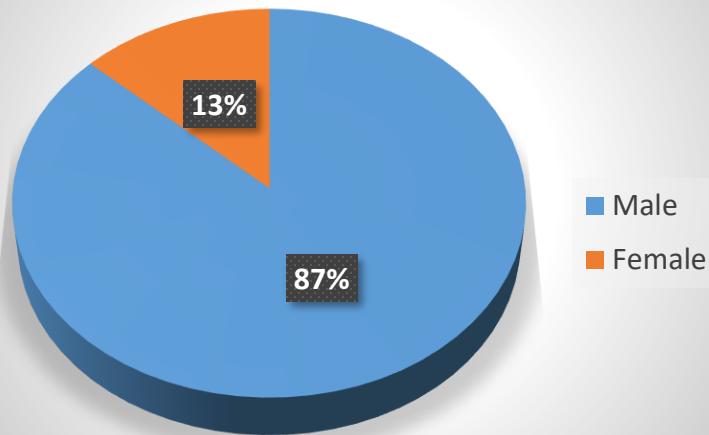
Eligibility Criteria

- Be a national of a AfDB member country;
- Be in good health
- Hold a Bachelor (or equivalent) degree in the energy area (or related field) earned at least 1 years prior to the application deadline date
- Applicants living or working in a country other than his or her home country are not eligible for scholarships
- JADS does not support applicants who are already enrolled in graduate degree programs

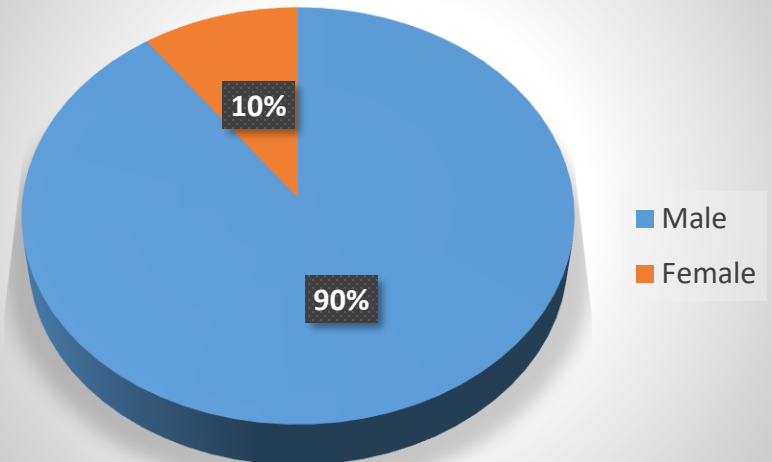


First Cohort Selection

Applicants by Gender



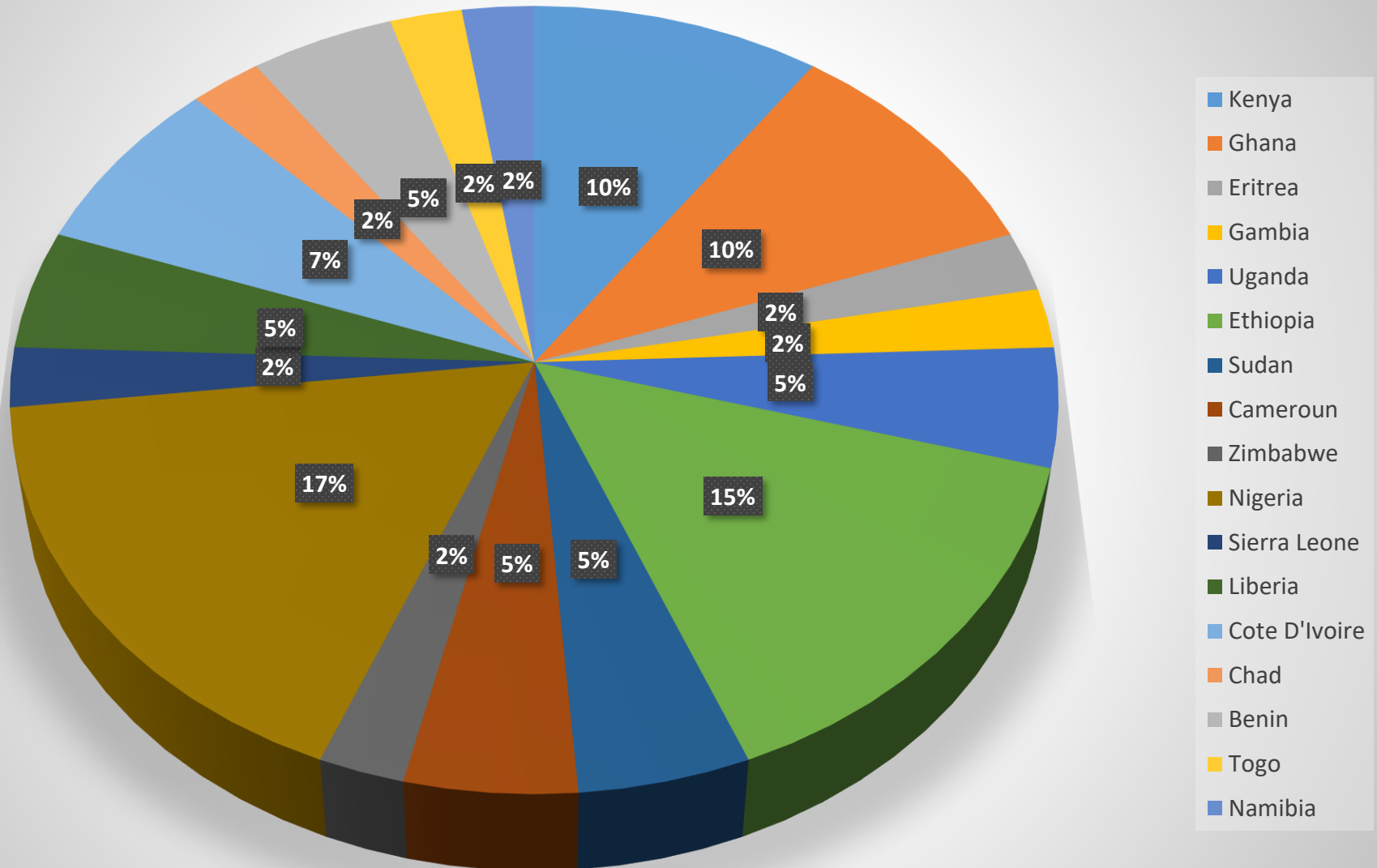
Shortlisted by Gender



More than 150 applicants shortlisted

Selection of First Cohort

Shortlisted by Country



New Areas of Study Focus



Energy Studies



Agricultural Science



Engineering & Innovation



Health & Nutrition



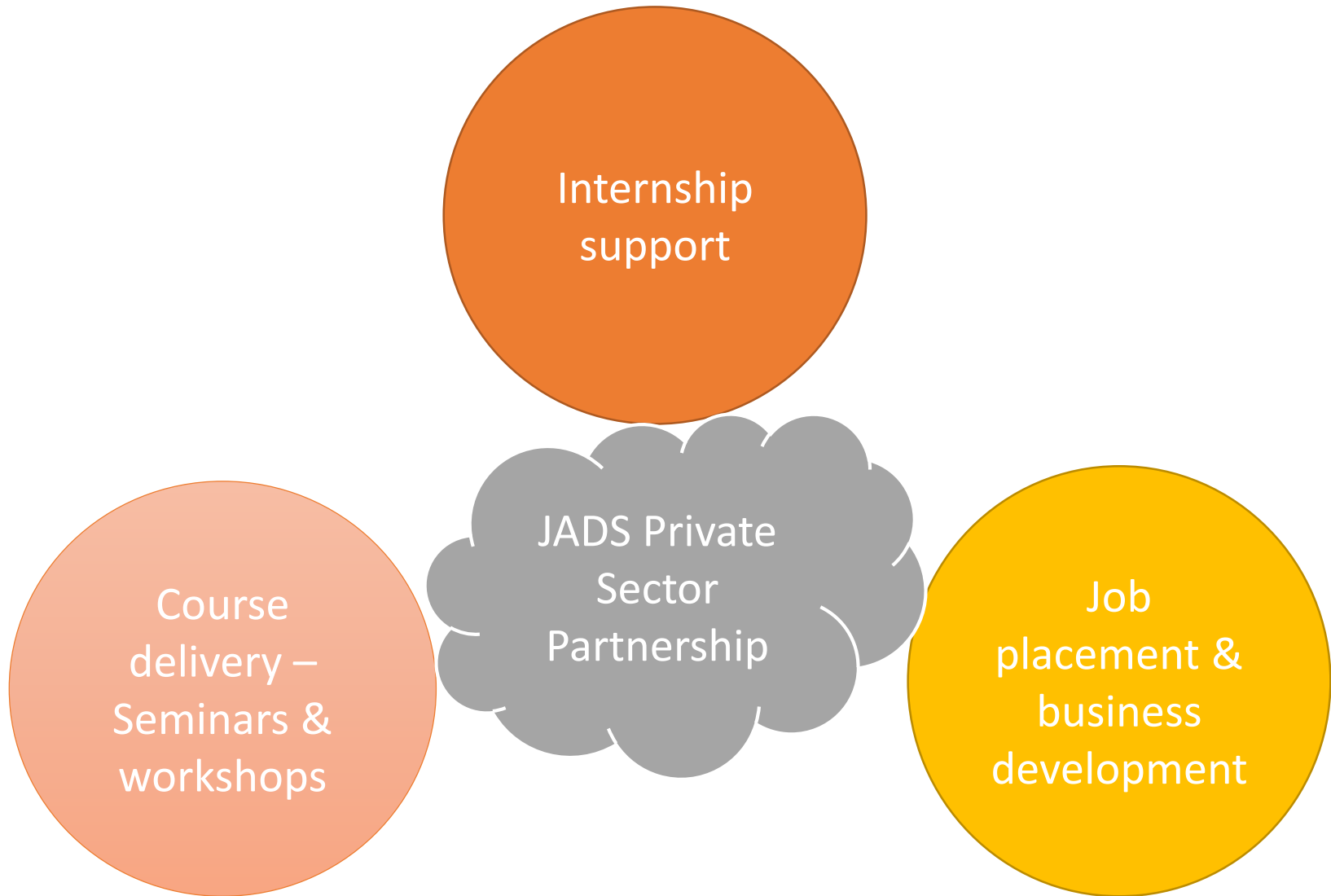
Environmental Sustainability



Aligned with Bank's
High 5s

Power Africa, Feed
Africa, Integrate Africa,
Industrialize Africa,
Improve the quality of
life

Role of the Japanese Private Sector



Together, we can boost skills development between Japan & Africa



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