



VIRTUAL UNIVERSITY OF UGANDA

**MEETING EAST AFRICA'S OIL AND GAS TRAINING NEEDS
THROUGH HIGH QUALITY ONLINE LEARNING**

THE 'FUTURE IS IN AFRICA'

②

Often people talk about the revolution that is happening in China, the US or Europe. These markets will continue to be important but the big revolution will be in Africa.

You may think this is a crazy idea: many African people are poor, the health systems and infrastructure are underdeveloped and unemployment is high.

So why do we believe the 'Future is in Africa'?



AFRICA IS CHANGING... AND CHANGING FAST

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THE POWER OF TWO...

① People

The population of Africa is very young. Looking at Uganda, 50% of the population is 14 years of age and under.

Over the next few years 21 million young Ugandans will be looking for education and employment.

Looking at Uganda's neighbours of Kenya, Malawi, Rwanda and South Sudan, the number of under 14s adds another 65 million young people.

② Resources

Africa is rich in natural resources. Be it viable agricultural land for food production, oil, minerals or human capital.

With improved political stability in the region will come inward investment, jobs, professionalisation and economic growth which will fuel demand for quality education at all levels.

INTERNET ACCESS IS LOW

BUT GROWING FAST

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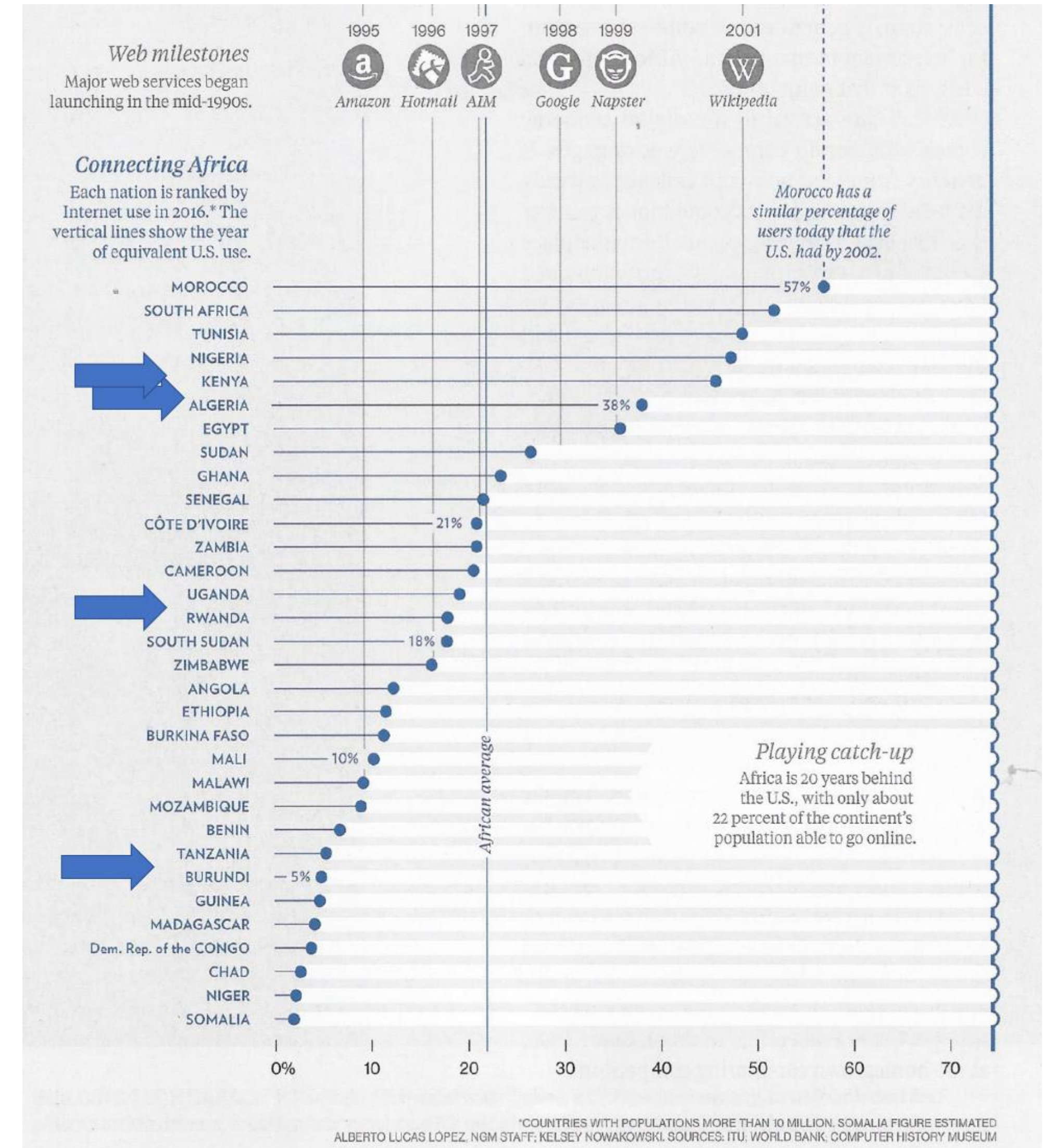


By focusing on the markets of Uganda, Kenya, Tanzania and Nigeria, our reach is about **184 million** internet users



Africa's internet users increase by 20% in 2018

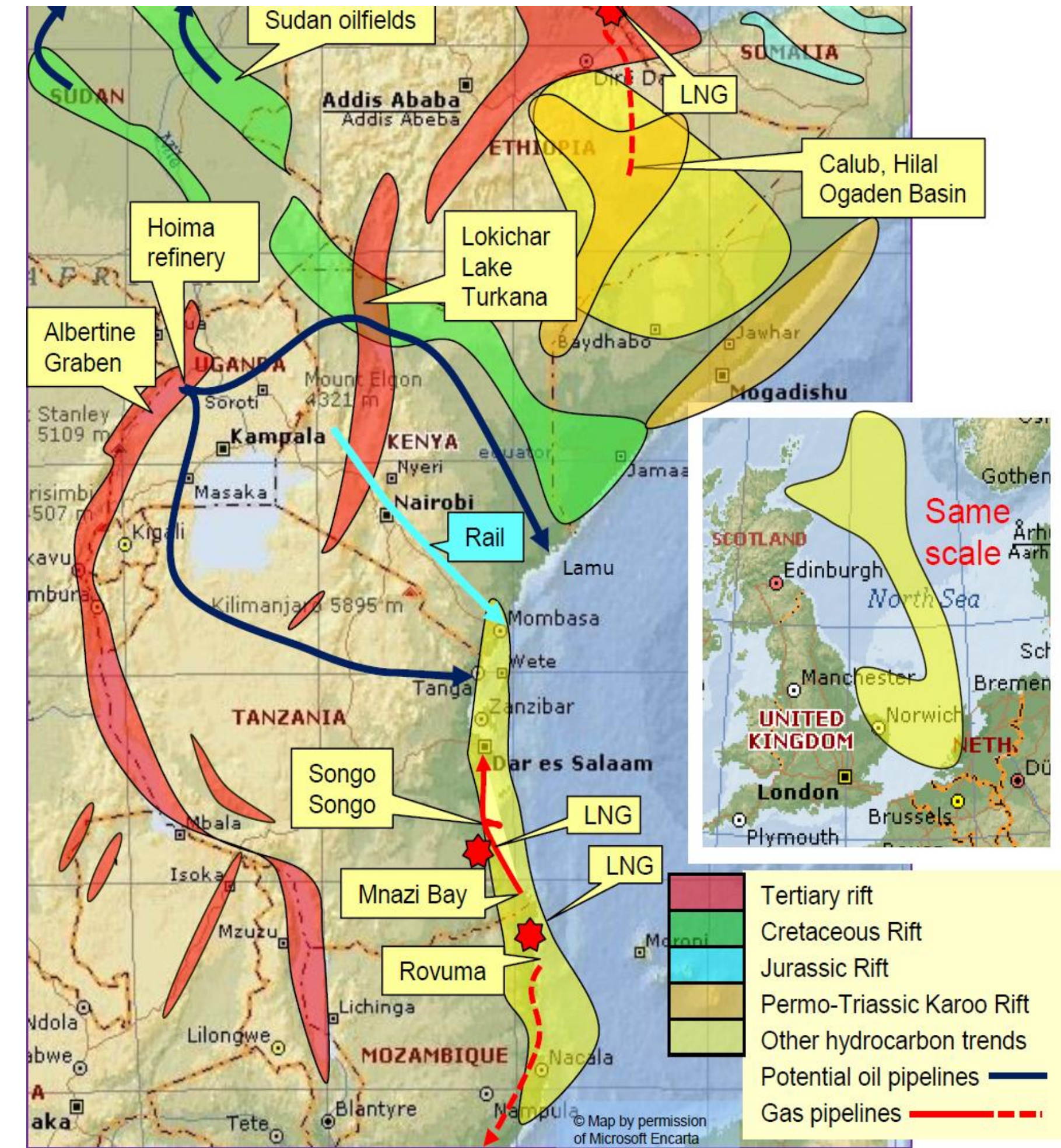
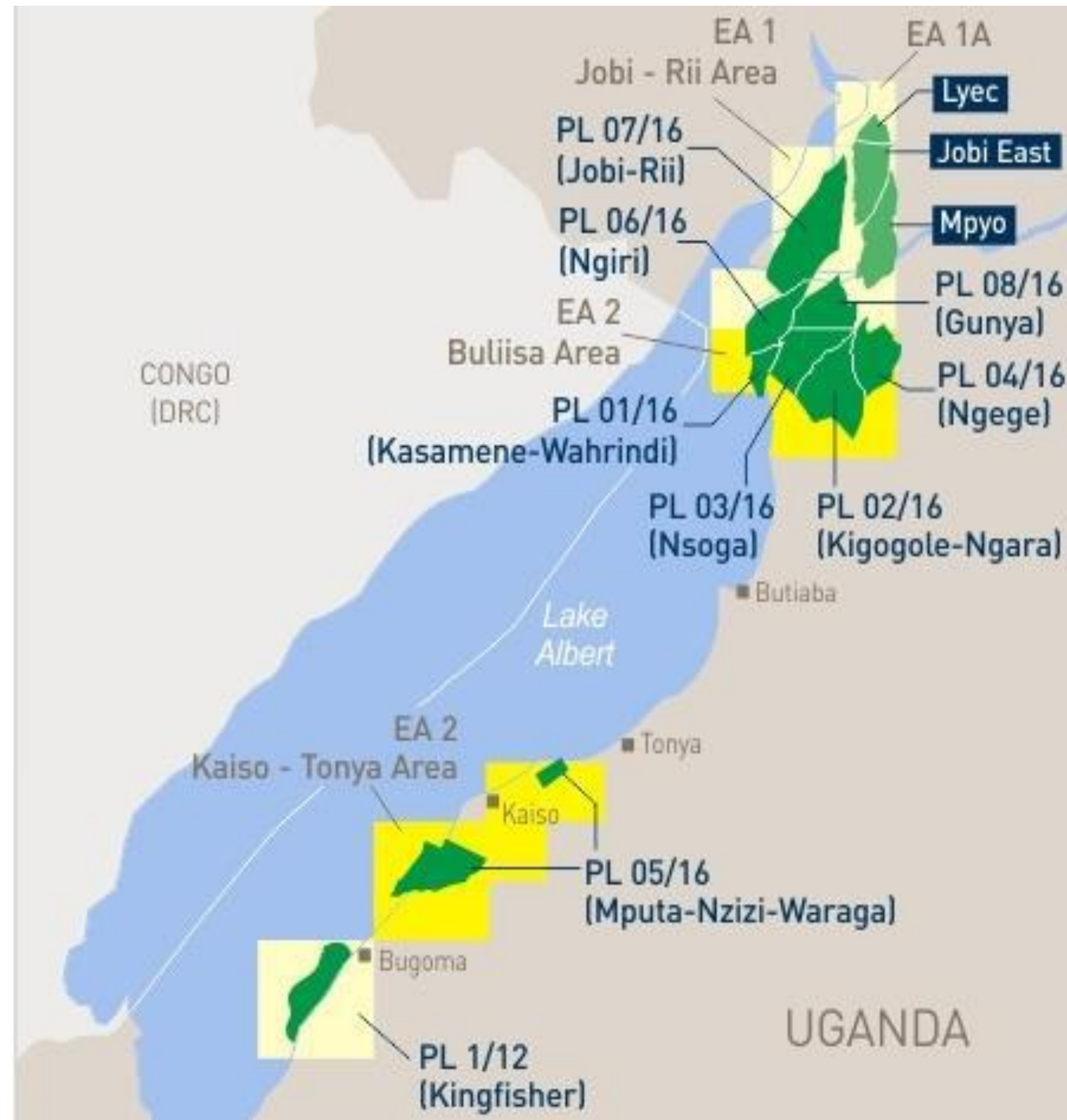
africanews.com



THE OIL AND GAS INDUSTRY IN EAST AFRICA

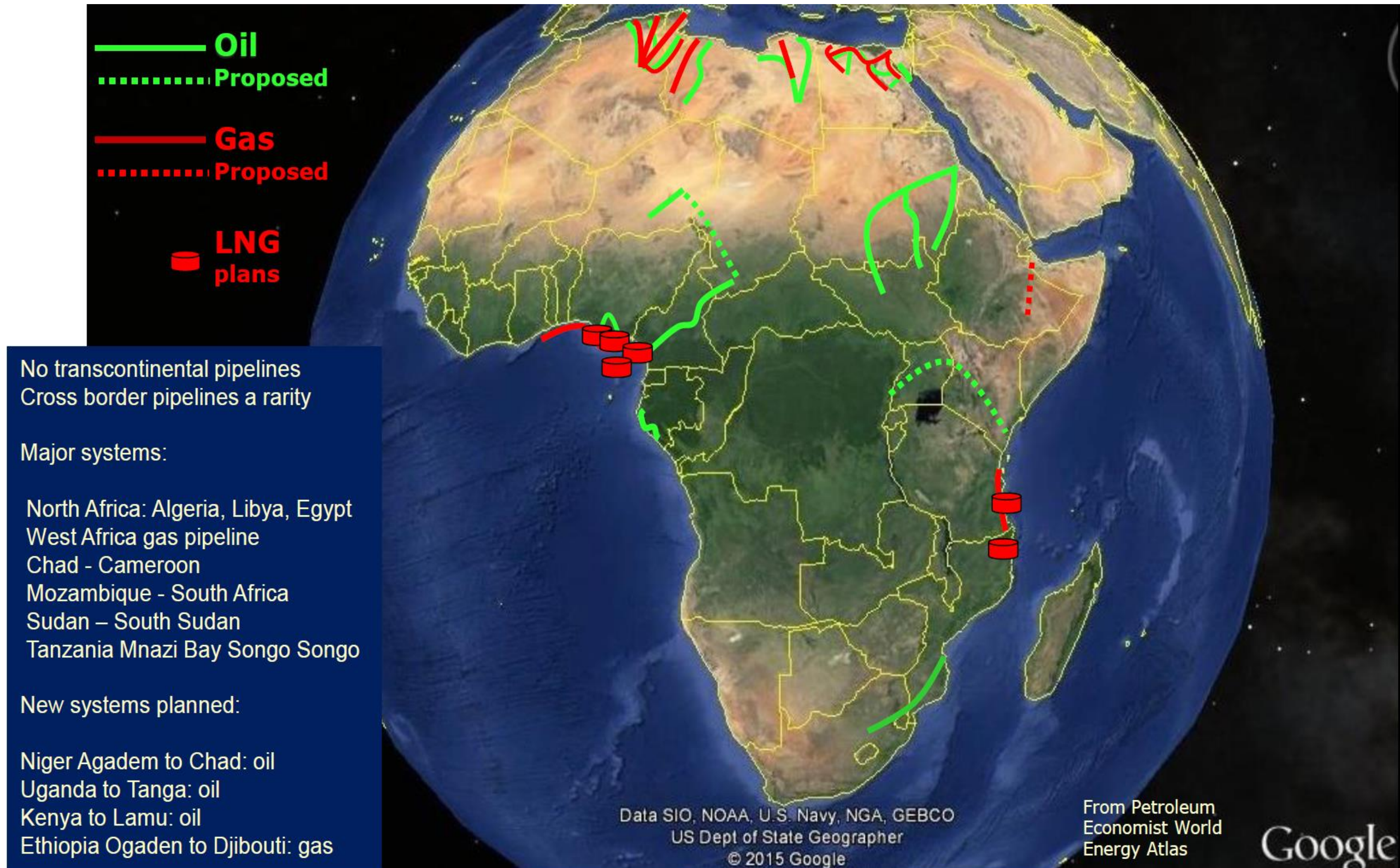
UGANDA INITIAL DEVELOPMENT PLAN

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AFRICAN INFRASTRUCTURE PLANS

6



THE OIL AND GAS INDUSTRY IN UGANDA

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REGULATORY STRUCTURE AND PRIORITIES

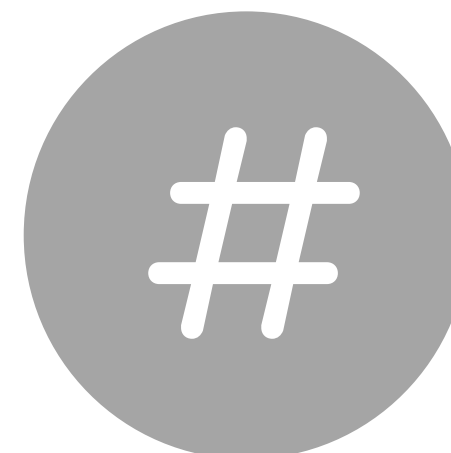
**Uganda Ministry
of Energy &
Mineral Resources**
Resource owner

**The Uganda
National Oil
Company**
State share of Ugandan oil
and gas assets

**The Uganda
Petroleum
Authority (UPA)**
Regulator

**National Oil and
Gas Policy 2008**
Benefit local economy, train
and develop local talent

**National Council
for Higher
Education**
National Supplier
Database



Government
aiming for
2020 first oil

UPA states that there are
ca. 40 oil and gas
experienced professional
Ugandans

CNOOC targeting FDP
approval in 4Q2018 with
first oil in 2022

> Demand for talent ramping up dramatically

> Transformation required in some areas

3. General Findings

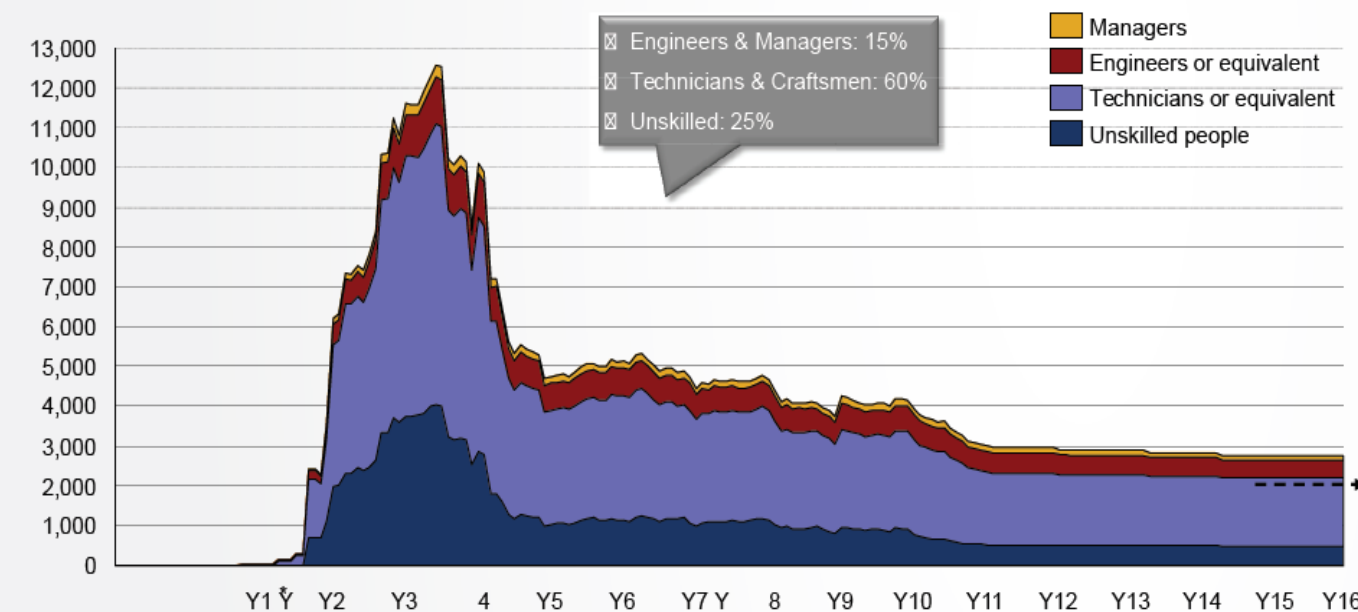


◆ Manpower Demand

OUT OF TOTAL MANPOWER REQUIRED, 15% ARE ENGINEERS & MANAGERS, 60% ARE TECHNICIANS AND CRAFTSMEN AND 25% ARE PEOPLE WITHOUT ANY EDUCATIONAL BACKGROUND (CASUAL WORKERS)

Manpower split by skill level

Cumulative number of people (Full Time Employees)



Source: SBC analysis; CNOOC; Total; Tullow
Note: All manpower quantities were obtained under assumption of "stick built" approach to construction, as opposed to "modularization" approach
Year 1 (Y1) represents the starting point of the Lake Albert project construction phase

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3. General Findings

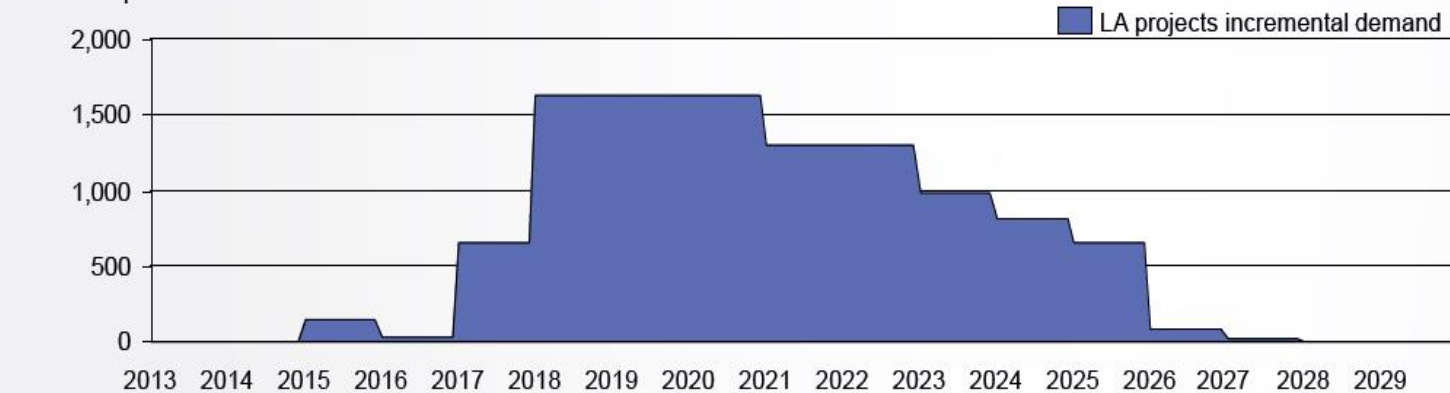


◆ Industry Demand

SOME SECTORS WILL NEED A COMPLETE TRANSFORMATION TO BE ABLE TO COPE WITH FUTURE NEEDS, LIKE HAZARDOUS WASTE DISPOSAL

Collection, transportation and storage of hazardous waste (bio-hazardous waste, used oils and batteries, etc.), and collection of oil based mud cuttings from drilling activities

Demand of hazardous waste disposal
Tons per month



Compliance with local and international standards and certifications on hazardous waste transportation and disposal

Source: SBC analysis

- Oil based mud cuttings constitute to the vast majority of total hazardous waste
- Oil based mud cuttings per well - 70% of all cuttings
- 280 tons of cuttings per well



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ABOUT US

Leading the technological revolution in education

AIMS OF THE UNIVERSITY

IN AFRICA...



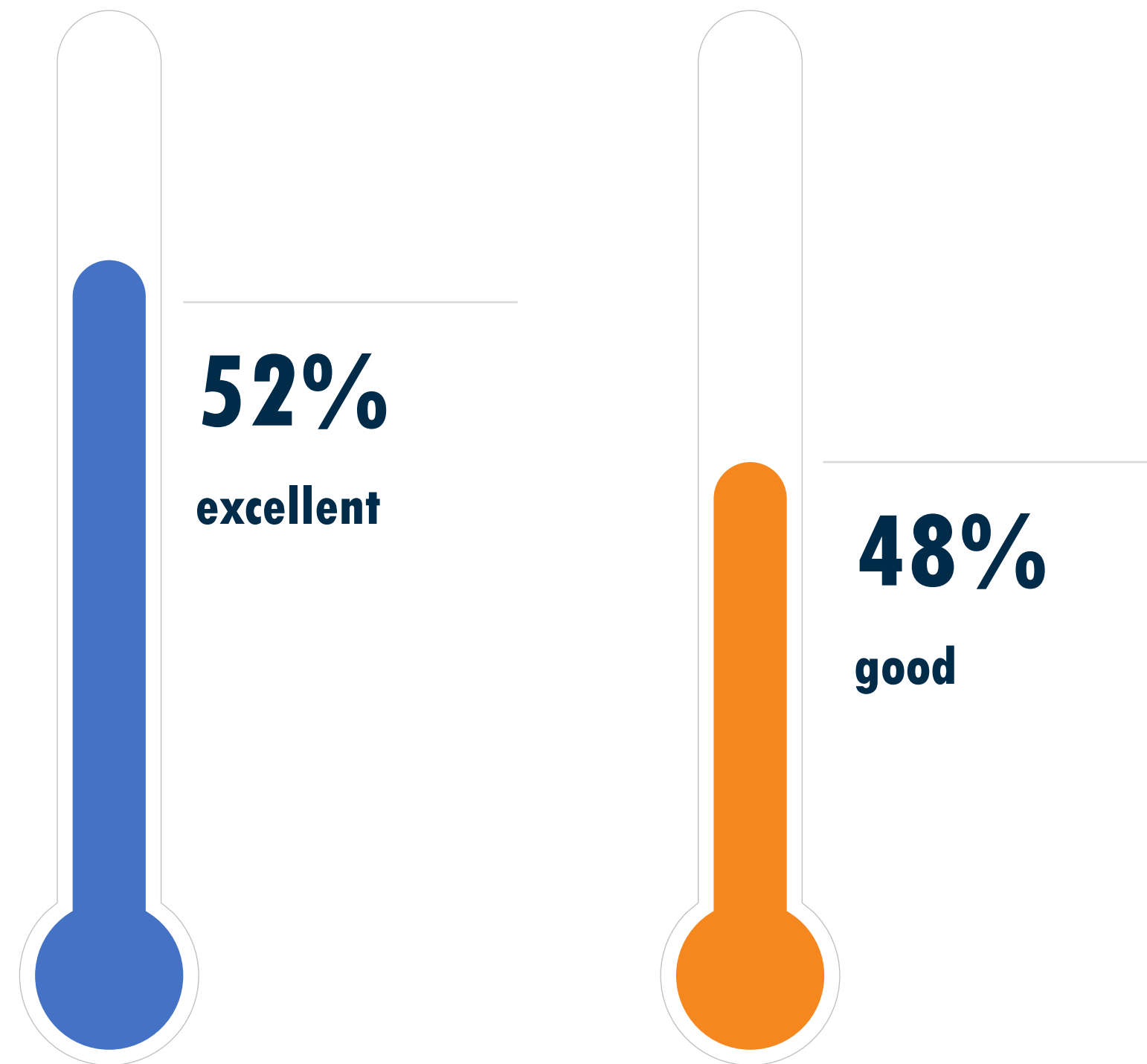
Be the leading
provider of high
quality **ONLINE**
tertiary education



Developing
professionals to
lead change over
the coming decades



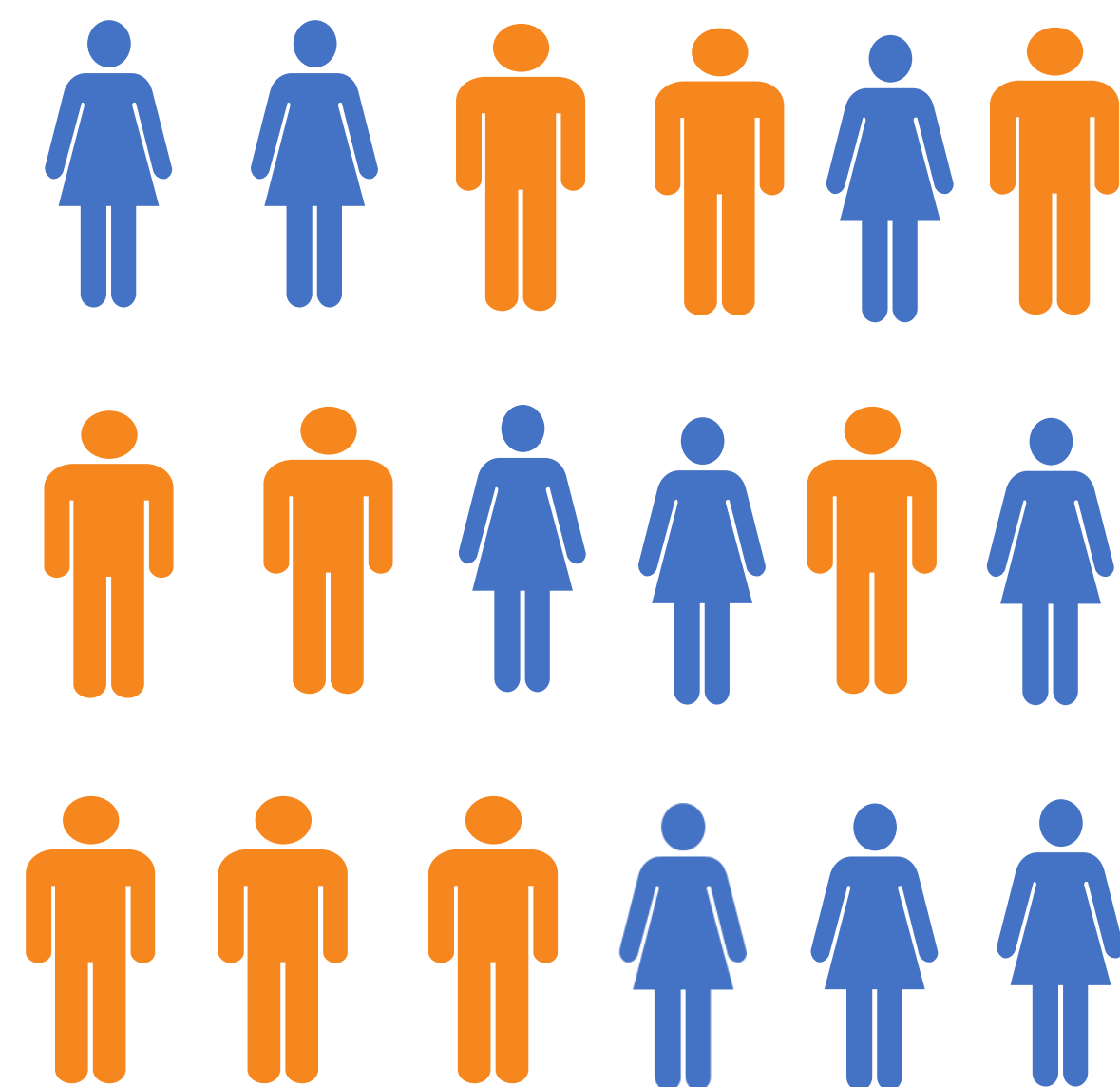
Delivering social
and economic
development
through education



Our students and
graduates rate
VUU's reputation
as one of the best

MARKET ANALYSIS

FOUR KEY OUTCOMES FROM OUR PRIMARY RESEARCH



‘Virtual’ was associated with ‘fake’, ‘not real’ and ‘not credible’




Incorporating Uganda was too limiting.
Prospective students and employers did not see a purely Ugandan qualification as high quality or desirable



Students want internationally recognised Education



Ability to study on line whilst working is a major advantage

A close-up photograph of several hands of different skin tones stacked together in a supportive gesture. One hand in the center has red nail polish and a black braided bracelet. The hands are set against a blurred background of people.

Our new brand
will launch
September 2018

Linking you to new
careers and more
success stories

nexusuniversity.ac.ug

PROGRAMMES WE OFFER

We are growing

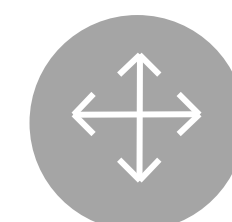
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Public Health



International Development



Business Administration



ICT for Development



Oil and Gas MBA



Corporate Academy

OIL AND GAS MANAGEMENT MBA

TEN MODULE STRUCTURE



- › Strategic leadership and management
- › International business practices
- › Operations and people management
- › Financial management
- › Environmental and cultural impact of oil and gas production
- › Refining and distribution networks
- › Governance and the application of ISO standard frameworks
- › Oil and gas management processes
- › Procurement and contract management
- › Governance, ethics, and integrity



- > International Oil And Gas Management
- > Security for New Oil and Gas Developments
- > Environmental and Social Impact Assessments and their Role in Development of Oil and Gas Fields

THREE WAYS TO WORK **WITH US**

OPPORTUNITIES TO WORK WITH US IN UGANDA AND **THE AFRICAN REGION...**

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01

**Sponsor
students and
develop the
capability of
your staff**

02

**Be a lecturer on
our courses and
share you
knowledge and
experience**

03

**Commission or co-
develop bespoke
higher level courses,
CPD or research**

JOIN
OUR TEAM

Thank you

Contact us



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THANK YOU

What our students say?

YOUNG UNIVERSITY WITH A HUGE AMBITION

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GROWING THE UNIVERSITY

Brand

Our ambition is to be known as the quality provider of online postgraduate education in Africa... and beyond!



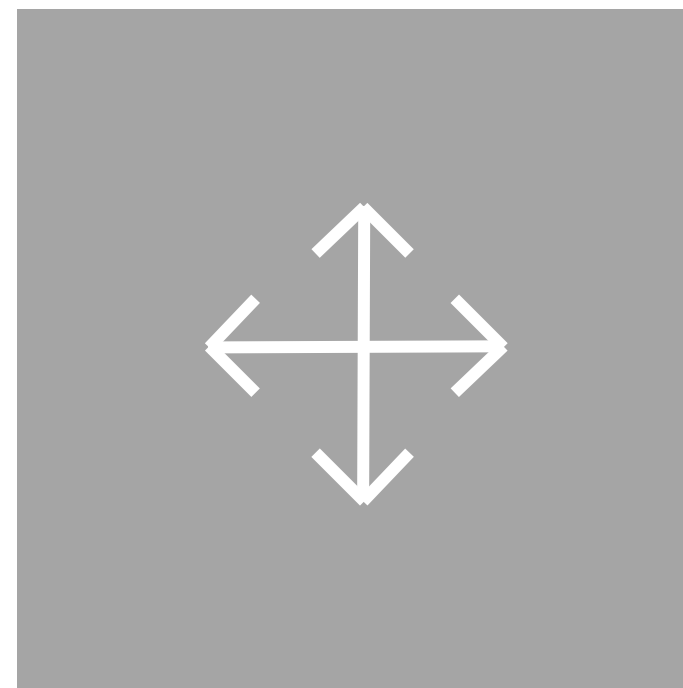
Resources

Africa is rich in two things: youth population and natural resources. This is driving the need for inward investment and education



Technology

Internet access in Africa is improving. It is becoming more reliable and the costs are coming down.



Affordability

Through the use of technology we are offering high quality international education that is affordable.



94% of students say they are making a positive difference at work because of their newly acquired knowledge

LEARNING WITHOUT BORDERS

We have students from 15 countries

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“Having all the learning materials online to read and then discuss them in the live online classroom makes for a great student learning experience.

I can choose when where I study. With a full-time job and a small baby this works best for me.”

Christine Akena
MA International Development

