

3 Reasons Why Blockchain in Healthcare is Successfully Adopted in Africa

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Today

1. Intro: A quick update about Africa
2. Reason #1: Africa understands trustlessness
3. Reason #2: Mental, physical, financial and planet health is one
4. Reason #3: Self sovereignty is good, techno-colonialism is bad
5. Epilogue: Every SDG is better with Blockchain

1. Africa is “huge”...

54 states

1.4 billion population

Average age is 19.7

44% urban; mobile 45-91%

25-60% GDP Agri biz

IMF/WB debts \$702B; China debt \$143B

10-20% remittance costs

Venture Debt (data collateral) \$778M

FUTURE IS AFRICA

2020 >>>> 2050

1,350,000,000

16% world pop



**AFRICAN
POPULATION**

2,500,000,000

25% world pop
About 5b & 50% by 2100

\$2.7 Trillion

3% world GDP



**AFRICAN
GDP**

\$29 Trillion

12%+ world GDP
About as India in 2050

600 million

15% of world urban
population



**URBAN
POPULATION**

1.3 billion

Larger than China (1b)
or India (800m)

~500 million

10% world users



**INTERNET
USERS**

1.8 billion

Larger than China (1.15b)
or India (560m)

1. Four economic regions

North: UMA, COMESA (Arabic)

West: ECOWAS (French)

East: EAC (English)

South: SADC (English)

AfCFTA 2018

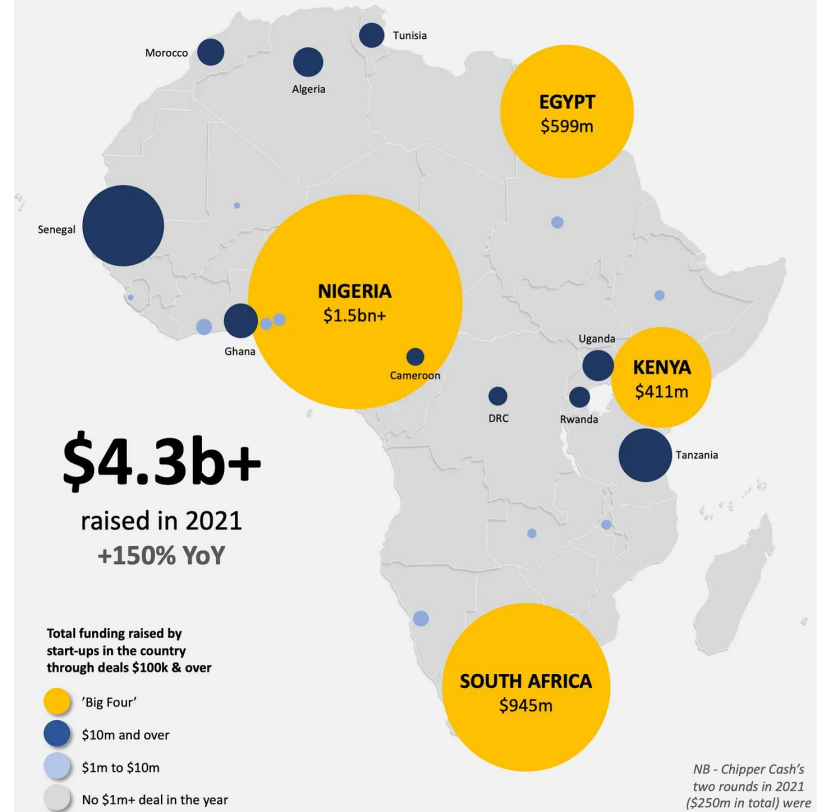
Free trade agreement



Creating One African Market

Total funding raised by start-ups in 2021

For more, visit thebigdeal.substack.com by Max Cuvellier & Maxime Bayen



NB - Chipper Cash's two rounds in 2021 (\$250m in total) were not attributed to a specific country

Full database of deals: thebigdeal.gumroad.com

Based on both publicly disclosed & confidential deals shared by selected investors.

1. Startup Continent

FinTech

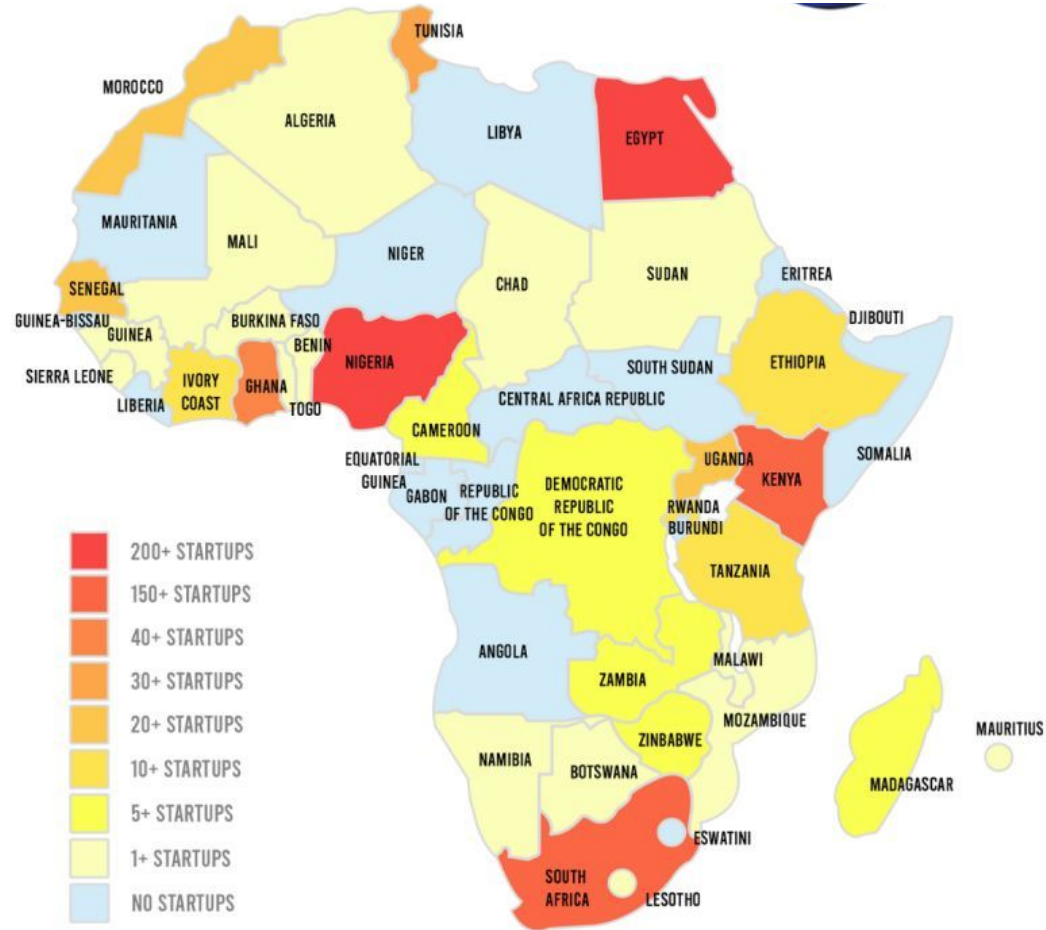
AgriTech

Enterprise

HealthTech

Logitech

EdTech



1. Startup Continent

Market growth 21-22

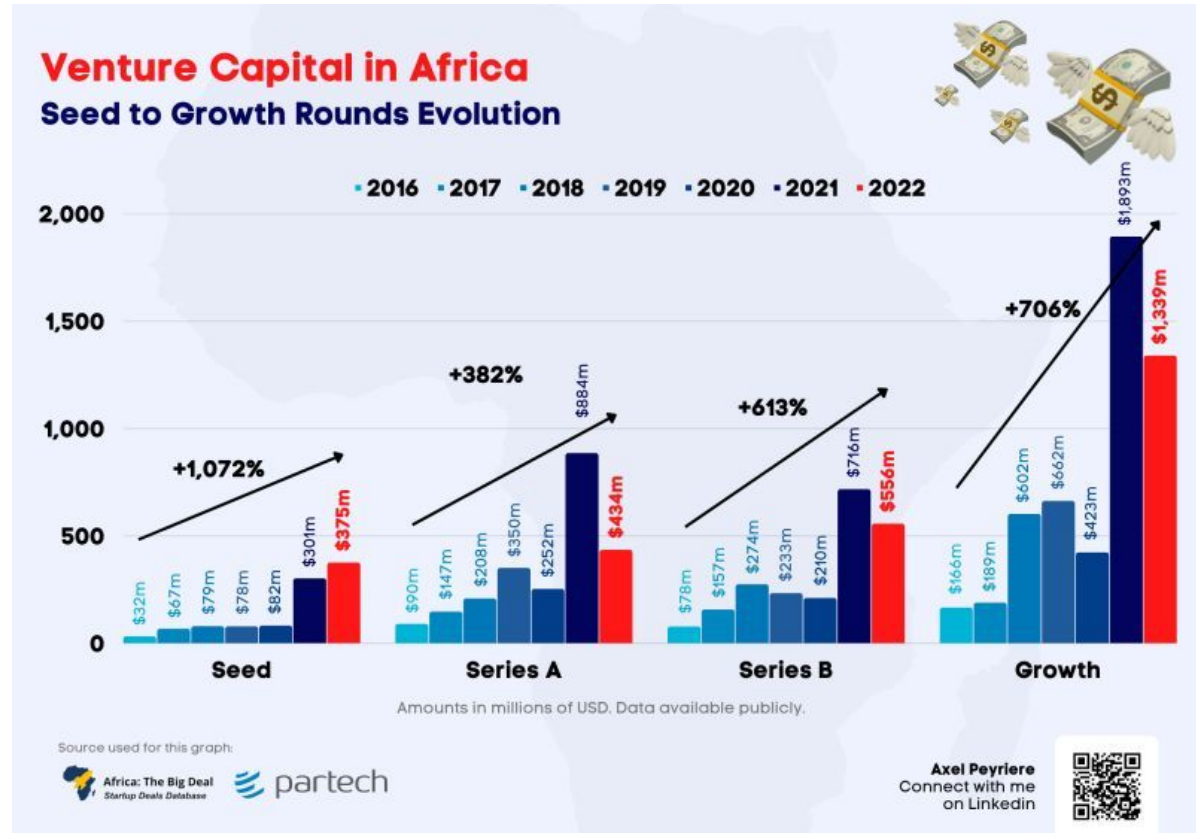
US -3.7%

EU -11.4%

Asia -25.7%

LATAM -43.0%

Africa +139.7

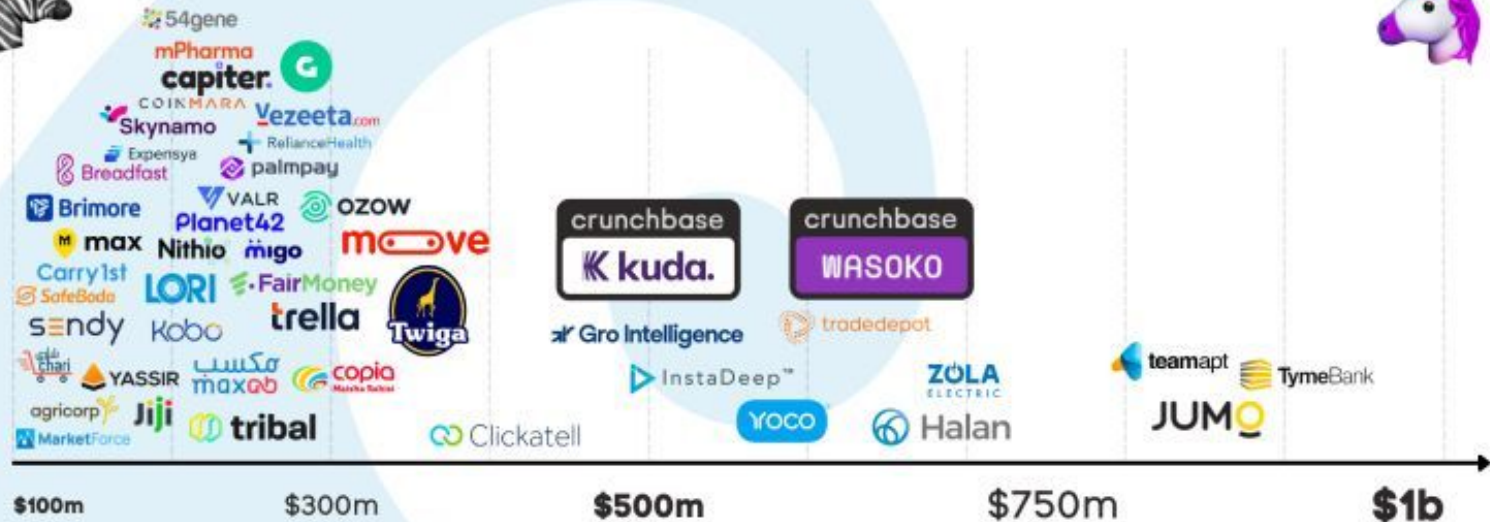


1. Capacity building and soonicorns

Africa's Next Wave of Unicorns

On the road from \$100m zebras to \$1b unicorns

Axel Peyriere
Connect with me
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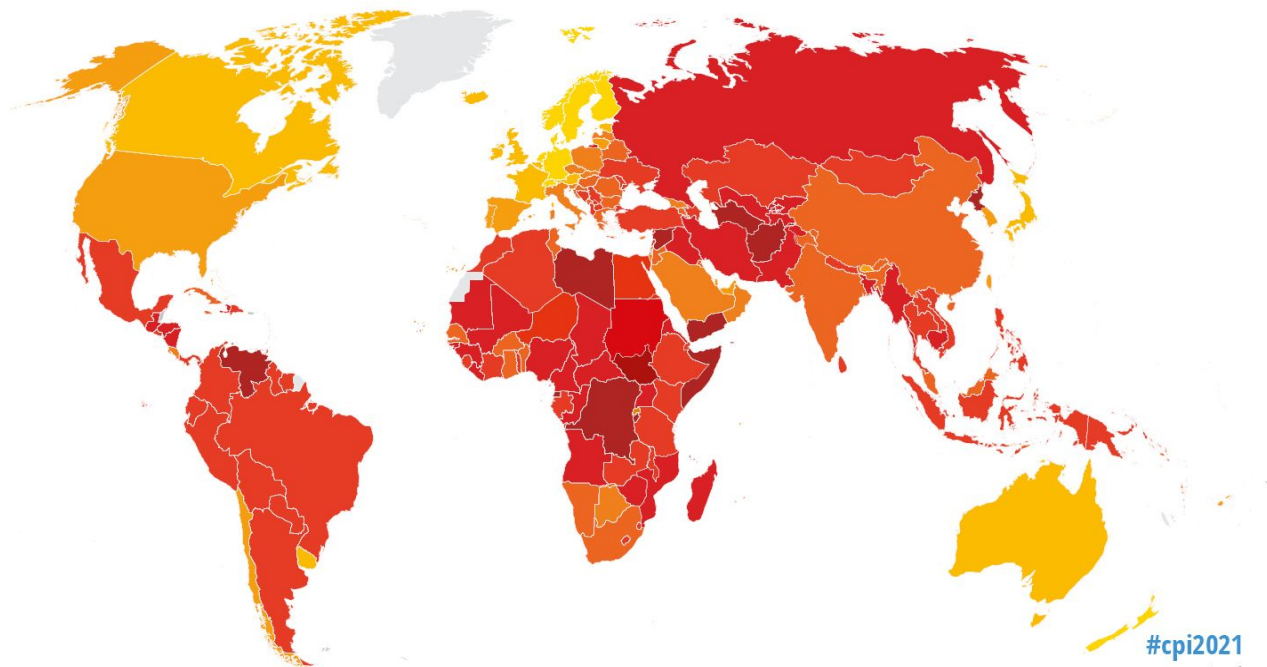
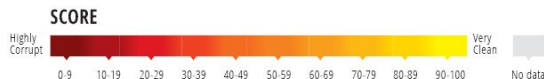
29 April 2022 Version. All the data is based on public information, or on estimates based on the latest disclosed round of funding by the startup.

2. Africa understands trustlessness



CORRUPTION PERCEPTIONS INDEX 2021

The perceived levels of public sector corruption in 180 countries/territories around the world.



#cpi2021
www.transparency.org/cpi

2. Easy to do business

THE COST OF Starting a Business IN Africa

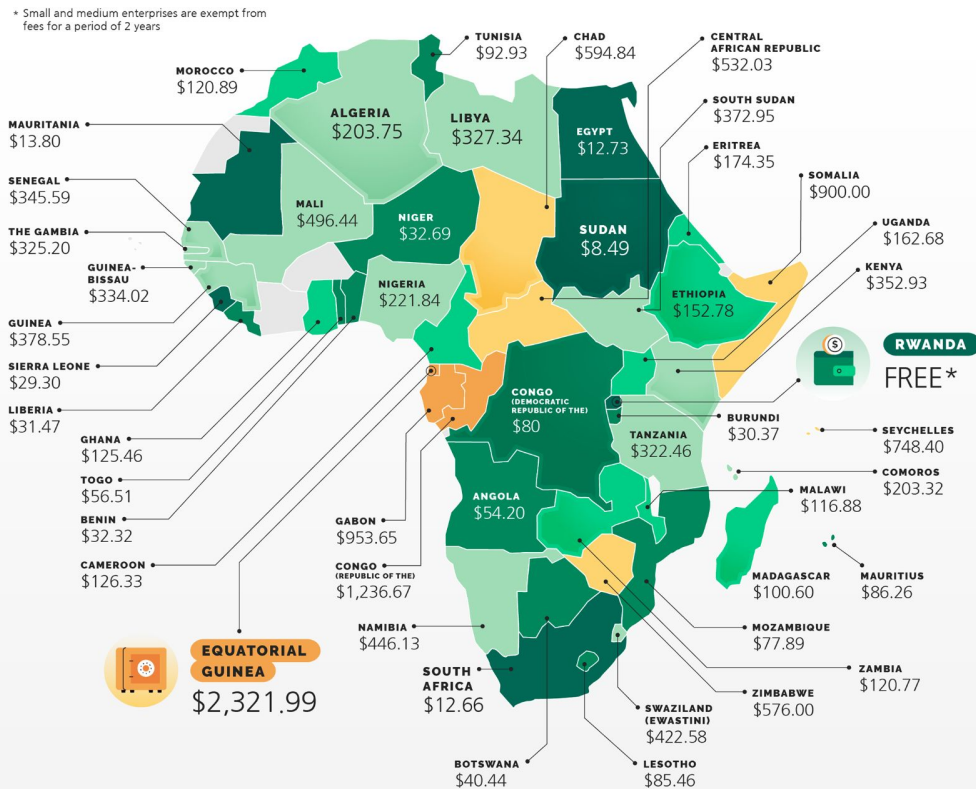


Africa has some of the biggest cost differences between countries for starting your own business. In **Rwanda** it's **free** (but only for two years). In terms of price and affordability, the most expensive country for starting a business in Africa is **Equatorial Guinea**, costing a whopping **\$2,321**.

SOURCE: Doing Business 2020 report by The World Bank



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2. Increase in tech hubs



643 ESTIMATED ACTIVE HUBS

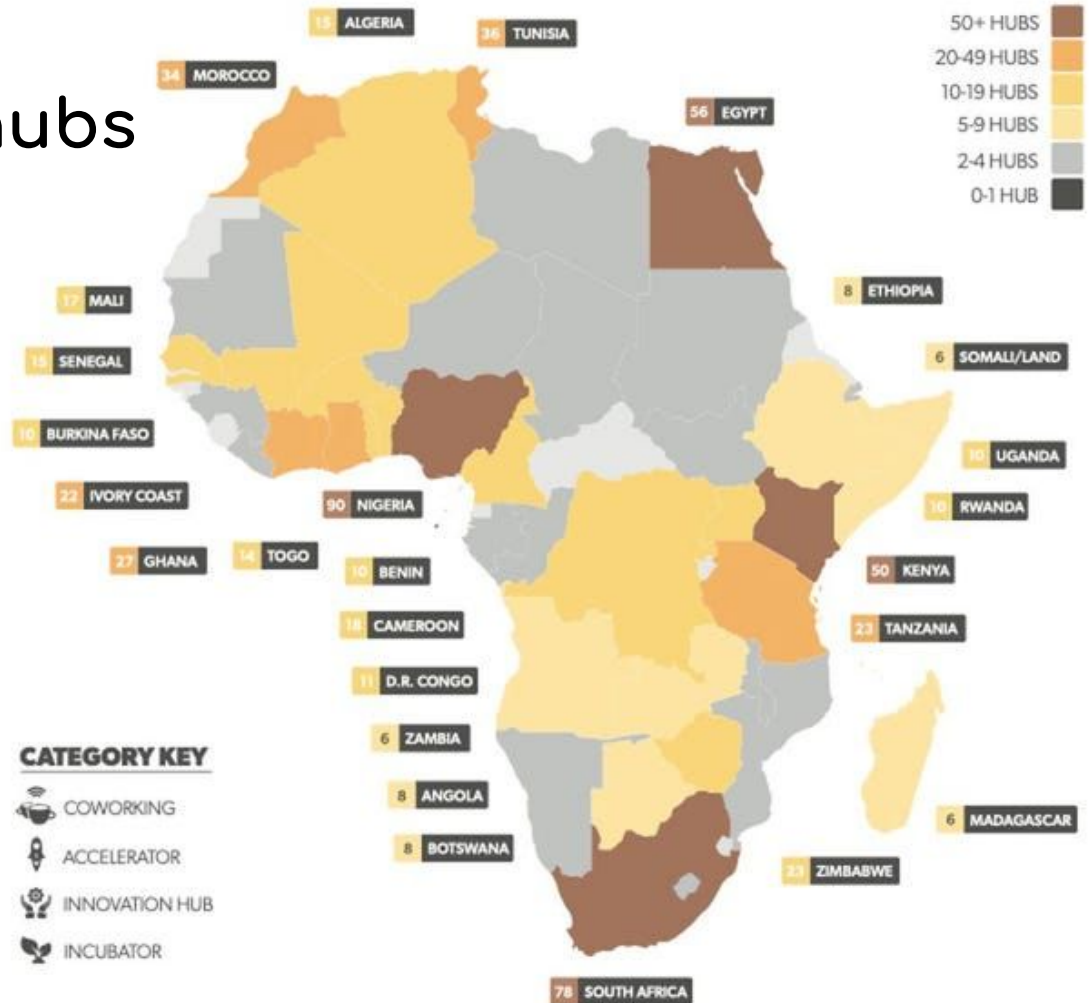
41% 24% 14% 39%

Innovation hubs

Incubators

Accelerators

Coworking



3. Physical , mental, financial, planet health is one

Fintech growth will drive social benefits over time.

AfyaRekod (EHR, HIE)



1. Financial Inclusion

Drive inclusion for the >40% unbanked.

UPP (USSD)



2. Education

Increase talent development in tech education eg computer science, coding, programming, etc.

Paylend, eCobba



3. Gender inclusion

Promote female adoption of financial services to increase welfare and family productivity.

PhemaAgri



4. Public health

Provide access to healthcare and health services, including micro-insurance, to individuals.

TWAA

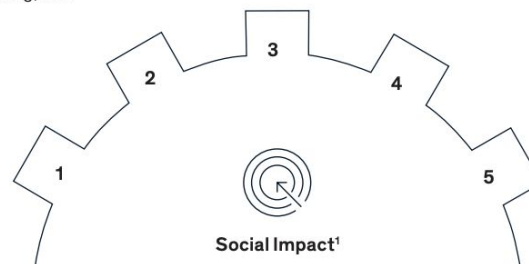


5. Agriculture

Increase access to financing for agriculture.

AICE

ABC



¹ Potential impacts identified here are not an exhaustive list.

3. Digital money, local currency, crypto adoption

mPesa

Orange Money

Akoin (Senegal)

BankyMoon (RSA)

Sarafu (Kenya)

Leaf (Rwanda)

Bitmama (Nigeria)

1 Kithio = 1 Yai (egg)
1 MAKUKA = 10 liters water
1 YSP = 1 Cake
1 PNG = 1 Matchbox
1 MILO = 15g majani ya chai (tea leaves)
1 MIYANI = 1tin omena (fish)
1 Moja = 40g Sunlight soap
1 TKS = 1 Hamri (cake)
1 UDP = 250g salt
1 ARS=1 Cube Rocyo
1 BONDE = 1 itumbe (egg)
1 kyn=10 litres of water
1 MUMO=10 liters water
1 Umisyo= 20 litres of water
1 GRTV = 1 Egg
100 SRF = 1 Voucher Development

1 UZA = 100g omena (fish)
1 JIENDE = 40g soap
1 KTN = 1 bar soap
1 Migu = 1 small fish
1 VITC=1sg tea leaves
1 MASKA=1 itumbe (egg)
1 MOSEYO= 10 Litres Water
1 AMANI = 1 Tomato
1 MUU=1 Nyanya (tomato)
1 Bangla=1 Banana
1 KEMWAA=1 egg
1 MBUNI=20 liters water
1 MWAKA=2 tomatoes
1 BARAKA = 1 kitungu (onion)
1 KPS=1 egg

x2 ppp through electronic bartering

3. Crypto regulation

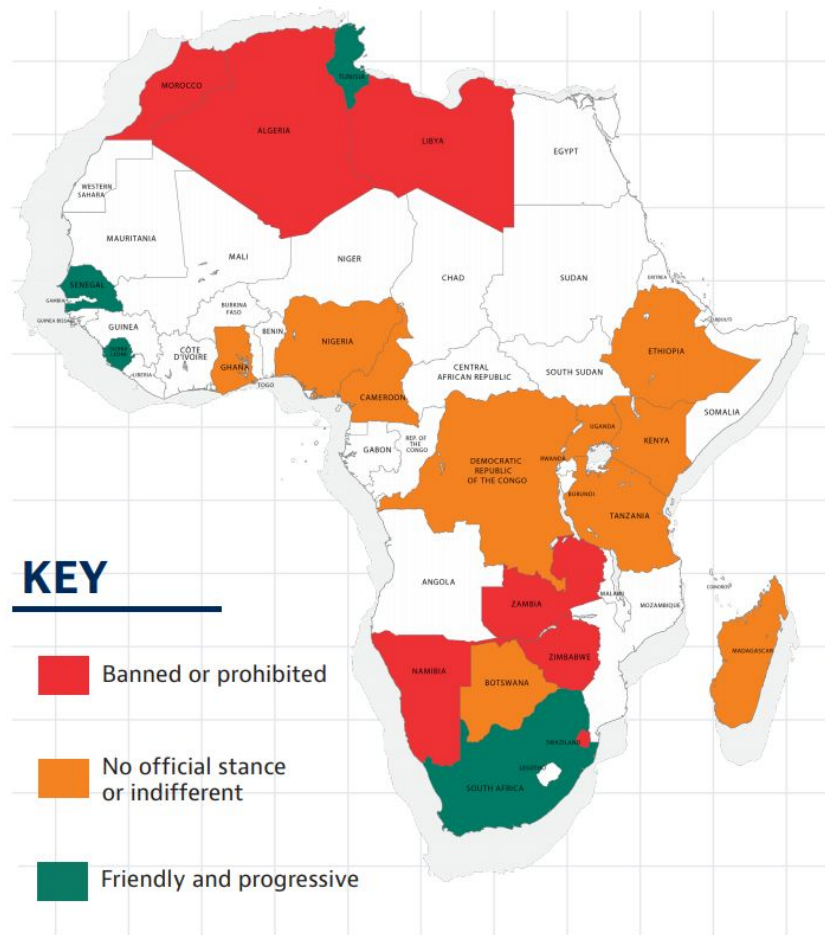
Getting better

Botswana reversed ban

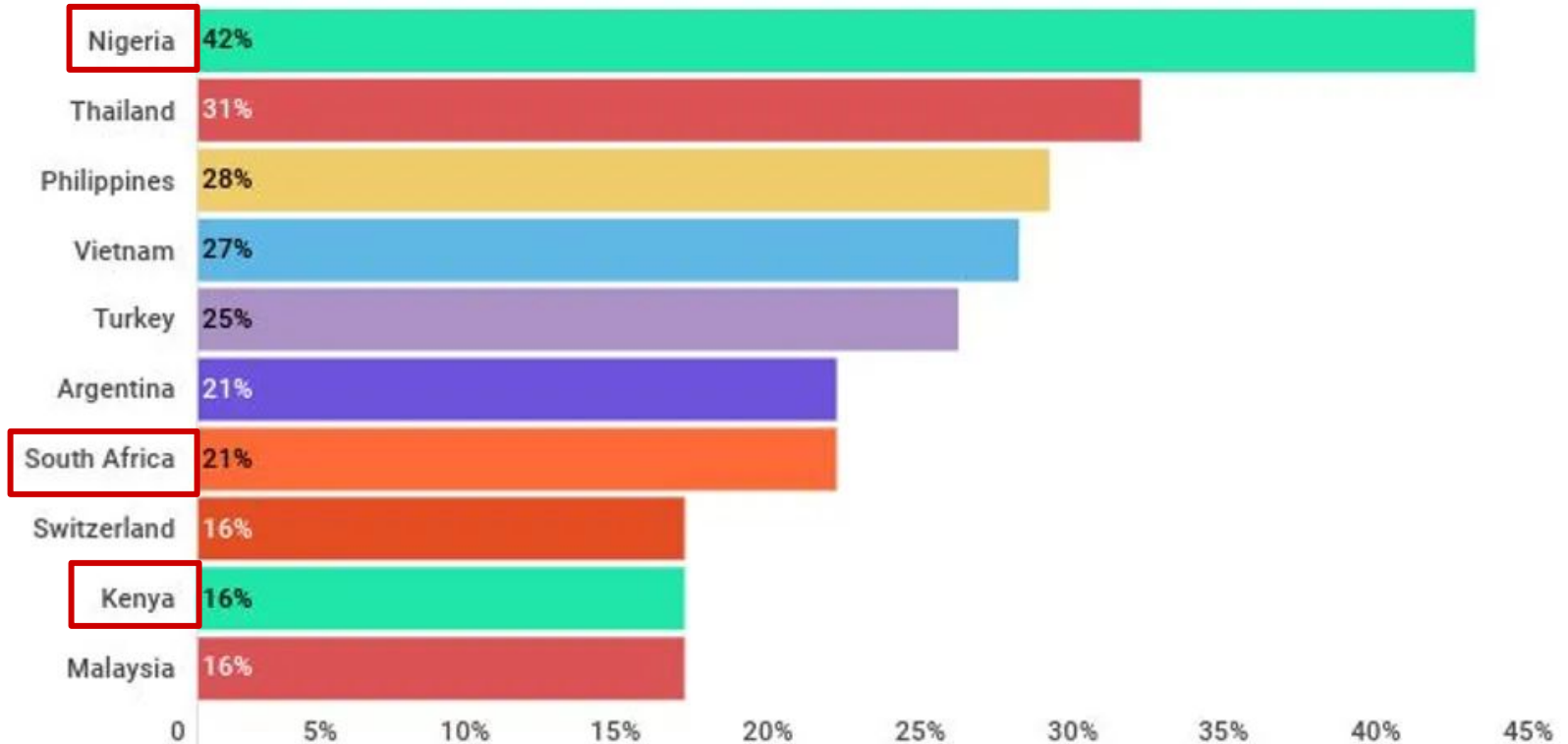
Kenya friendly

Nigeria friendly

CAR friendly



3. Crypto adoption



4. Self sovereignty good, techno-colonialism bad

In Africa, for Africa, by Africans
Multiple digital health platforms
Mainstream partnerships
Regulatory harmonization
Rural prioritization
Affordable solutions (\$1 health)
Capacity development



4. Self sovereignty good, techno-colonialism bad

National

Regional

International markets



5. Every SDG is better with blockchain (Super App)

Trustlessness

Trust

Trace

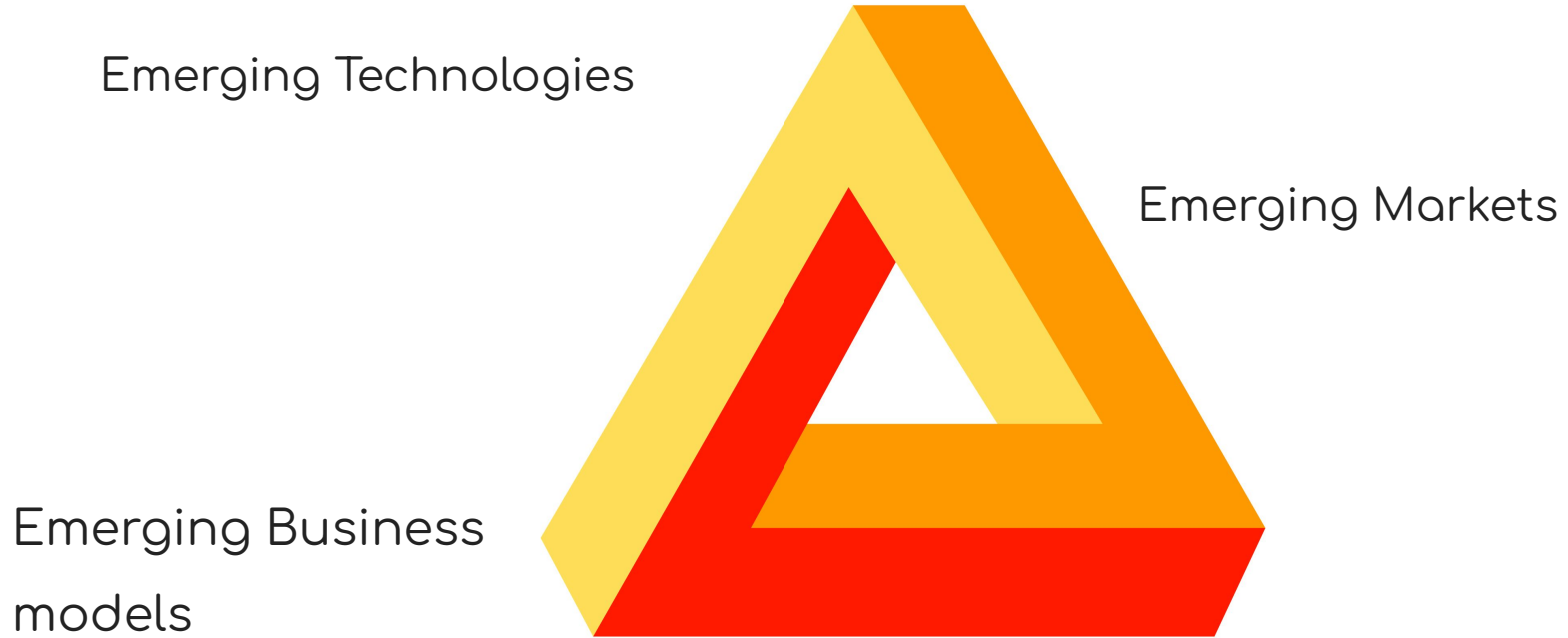
Token

Teach

Tech Exporter



5. EDME is the perfect place to start Web 3.0



Asante Sana 🙏🙏🙏🙏🙏

ConVerge **2**celerate

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