

# REVIEWING THE TRENDS DRIVING AFRICA'S ALLURE

Aug/Sept 2021

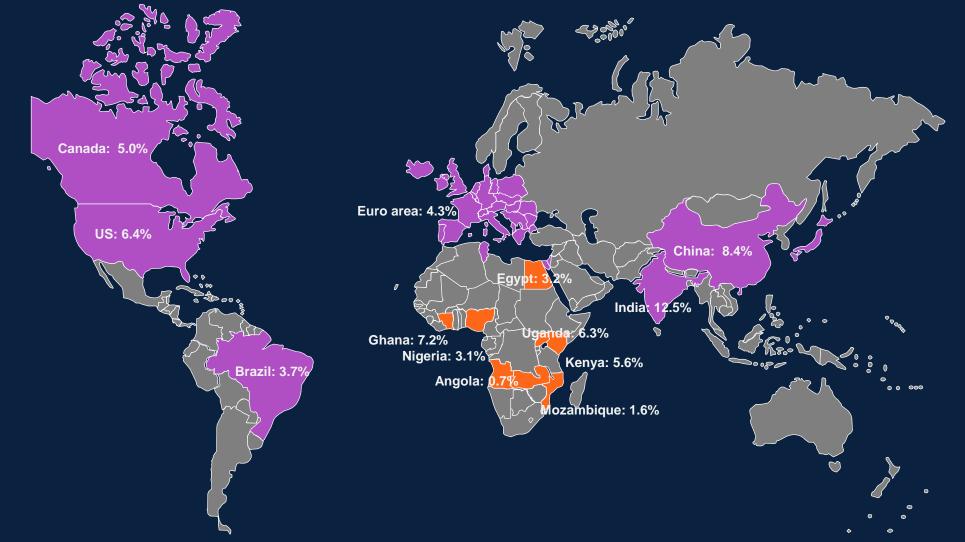
Simon Freemantle\* Simon.Freemantle@standardbank.co.za

This document is co-authored by an independent analyst denoted with a \* and a non-independent analyst denoted with a #. Nonindependent research is "marketing communication". It has not been prepared under the full legal requirements designed to promote the independence of research and it is not subject to any prohibition on dealing ahead of the dissemination of investment research and vice versa. Please refer to the full disclosures and disclaimers at the end of this document.

> Standard Bank IT CAN BE ... Also trading as Stanbic Bank

### SUPPORTIVE GLOBAL TAILWINDS



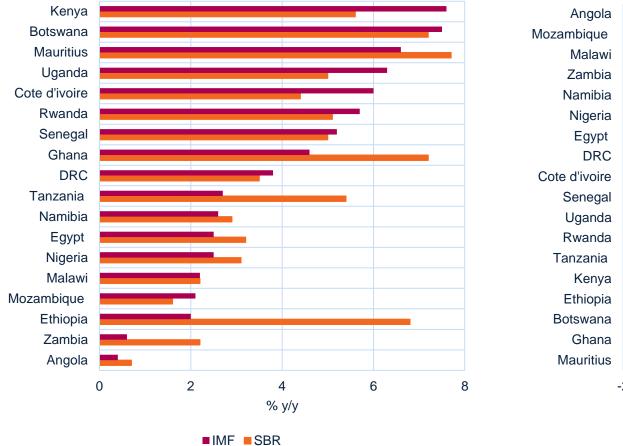


Sources: IMF; Standard Bank Researxch

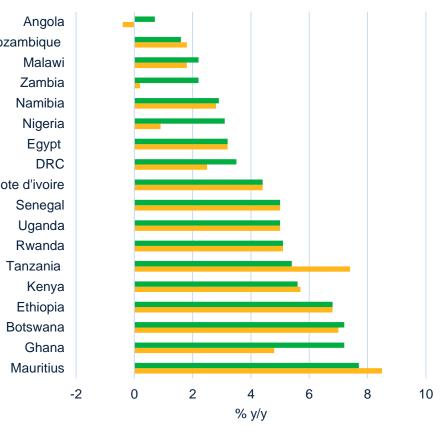
### **MACRO OUTLOOK**



### SBR v IMF: 2021 growth forecasts



### SBR's 2021 growth forecasts: Jan v May



May Jan

Sources: IMF; Standard Bank Research

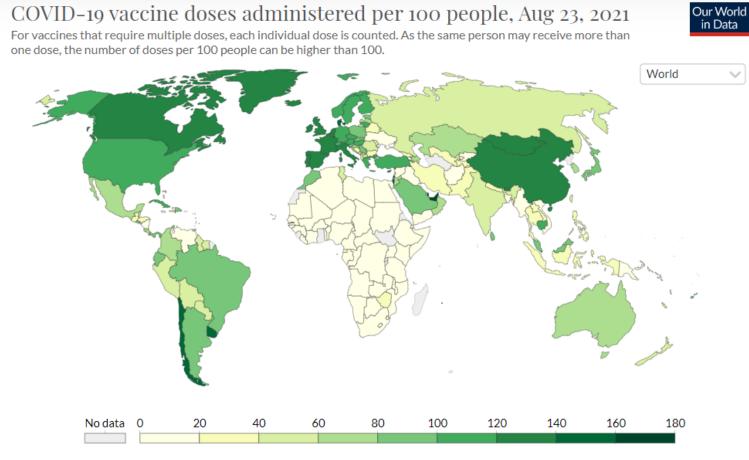
Sources: IMF; Standard Bank Research

### **COVID-19: A LONG WAY TO GO**



Our World in Data

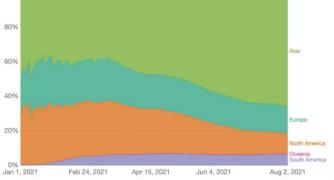
Our Work



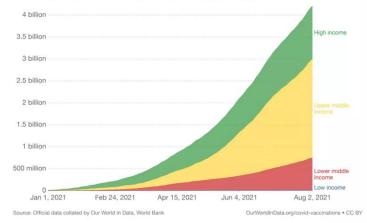
Source: Official data collated by Our World in Data - Last updated 24 August 2021, 08:40 (London time)

than one dose, the number of doses can be higher than the number of people in the population. 100%

OurWorldInData.org/coronavirus • CC BY







COVID-19 vaccine doses administered by continent For vaccines that require multiple doses, each individual dose is counted. As the same person may receive mor

80%

#### / Reviewing the trends driving Africa's allure



Finding #1: Africa's structural gains since 2010 have been robust

tti turinani haariiiiii Marinani haariiiiii

in F

In state state and states at

-- N/

Nairobi skyline. Source: Wanderlust Travel Magazine

### **TREND 1: A LARGER, YOUNGER AND MORE AFFLUENT POPULATION**



#### **TOTAL POPULATION** 2.5bn 2 500 000 2 000 000 1 500 000 .3bn 1 000 000 1bn 500 000 720m 230m 0 2010 2020 2040 2050 1950 1960 1980 1990 2000 2030 1970

A rising, and youthful population

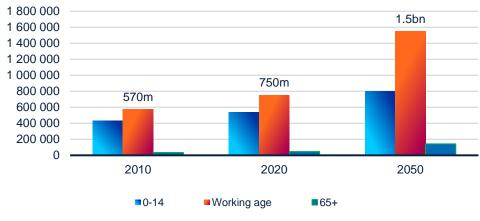
**AFRICA'S WORKING AGE BULGE** 

### Important institutional gains

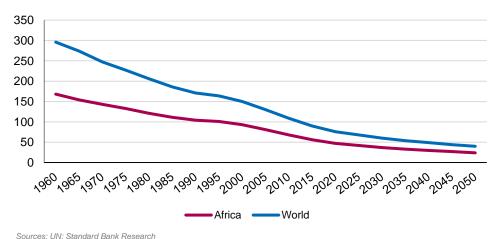
### FERTILITY RATES CONTINUE TO DECLINE



### .





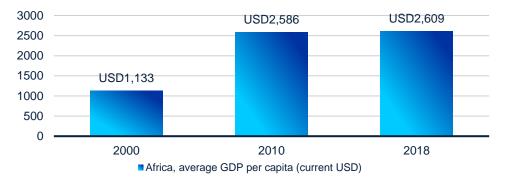


Sources: UN; Standard Bank Research

### TREND 1 (CONTINUED): IMPORTANT INCOME GAINS

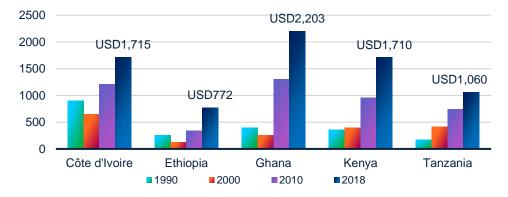


### Growth has shifted to East Africa



### A SLOWING IN OVERALL PER CAPITA GDP GROWTH

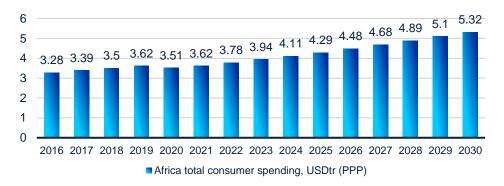
## BUT OFFSET BY MEANINGFUL GAINS IN KEY ECONOMIES SINCE 2010



Sources: World Data Lab; Standard Bank Research

#### Africa's middle class is growing

### **RISING CONSUMER SPENDING**

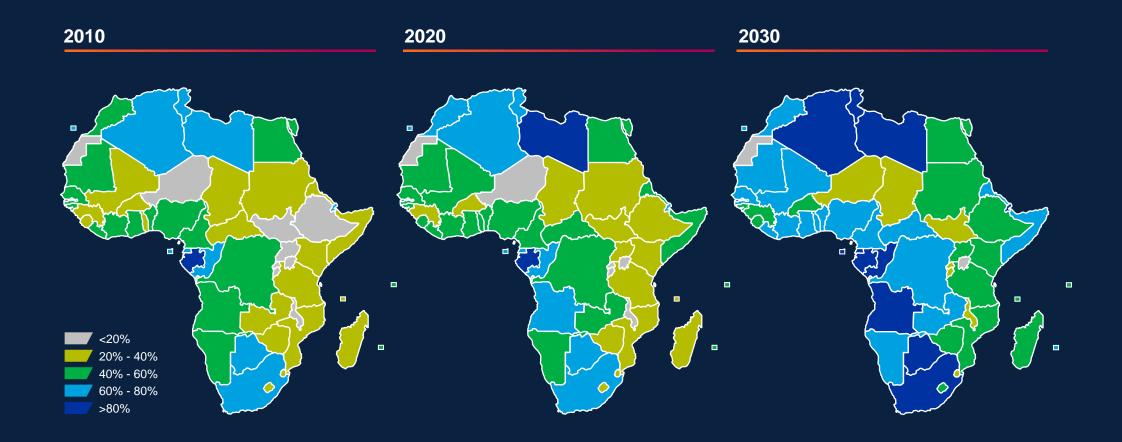


### SPENDING IN AFRICA BY INCOME BAND (PPP, USDTR)



Sources: World Data Lab; Standard Bank Research





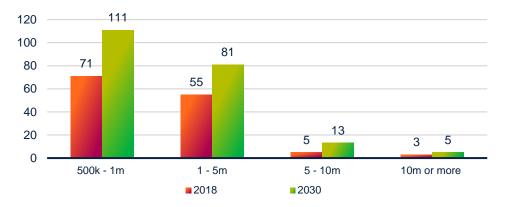
Sources: UN; Standard Bank Researxch

### **TREND 2 (CONTINUED): MUSHROOMING URBAN NODES**

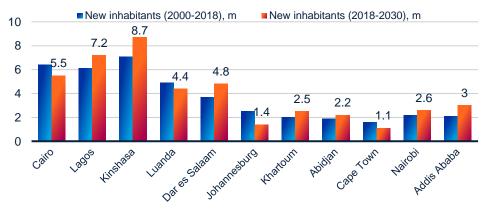


### Today there are 63 1m-plus cities in Africa

### NUMBER OF CITIES IN AFRICA BY POPULATION SIZE



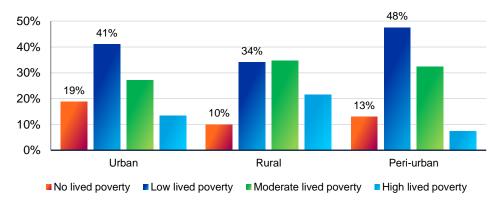
### AFRICA'S TOP TEN CITIES CONTINUE TO EXPAND



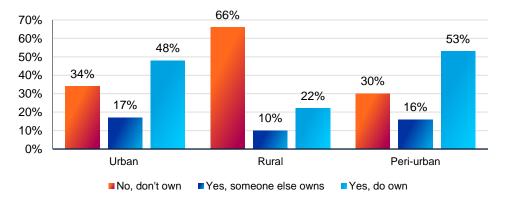
Sources: UN Habitat; Standard Bank Research

### Urbanisation is critical for economic gain

### LIVING POVERTY INDEX (2016/2018)



#### **BANK ACCOUNT OWNERSHIP**



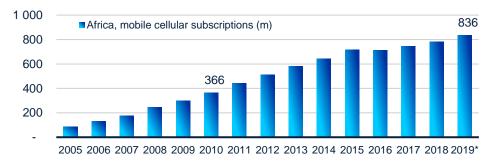
Sources: Afrobarometer; Standard Bank Research

### **TREND 3: TECHNOLOGICAL LEAPFROGGING**

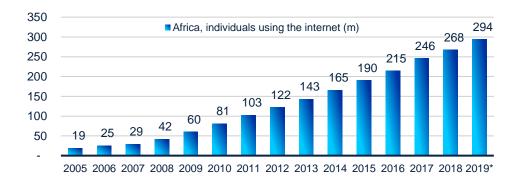


### Rapidly rising mobile/internet usage

### 400M NEW MOBILE SUBSCRIBERS IN A DECADE

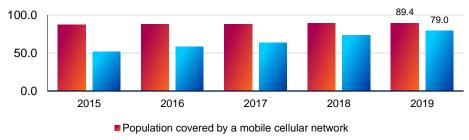


### IMPROVING INTERNET ACCESS, THOUGH OFF A LOW BASE



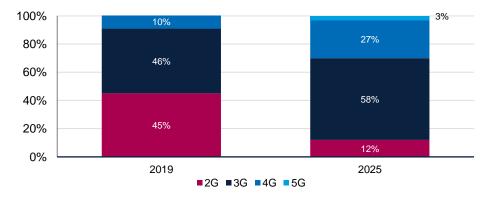
#### Better coverage...

### A PROFOUND RISE IN 3G COVERAGE



Population covered by at least a 3G mobile network

### **TECHNOLOGY MIX IN SSA\***



Share of mobile connections, excluding licensed cellular IoT. Sources: GSMA; SBR

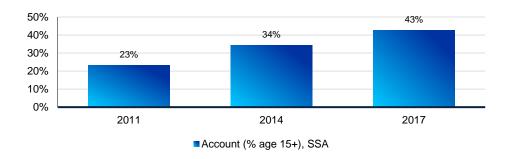
#### Sources: ITU; Standard Bank Research

### **TREND 4: DEEPENING FINANCIAL INCLUSION**



### Steadily banking the unbanked

### A DOUBLING OF ACCOUNT PENETRATION IN JUST 6YRS

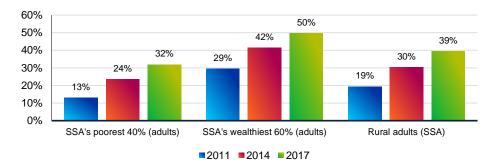


#### Driven by mobile money systems

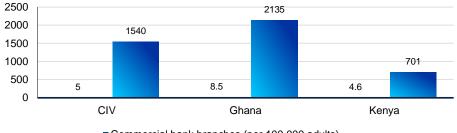
## AFRICA ACCOUNTS FOR HALF OF ALL GLOBAL MOBILE MONEY ACCOUNTS

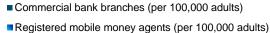


### ACCOUNT PENETRATION BY INCOME GROUP



### **CREATIVE DESTRUCTION**

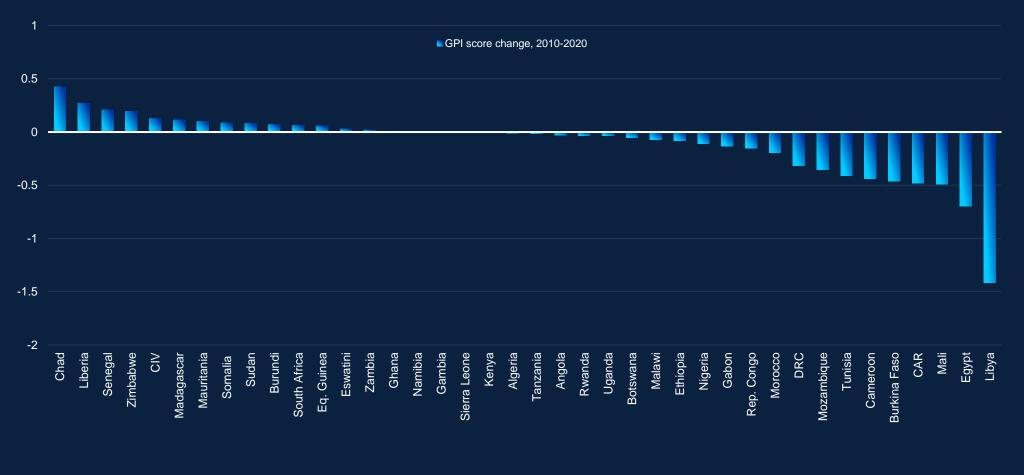




Share of mobile connections, excluding licensed cellular IoT. Sources: GSMA; SBR

### **TREND 5: POLITICAL AND INSTITUTIONAL CHANGE**

### CHANGES IN GLOBAL PEACE INDEX SCORES: SOME MODEST GAINS, AND SOME MARKED RETREATS

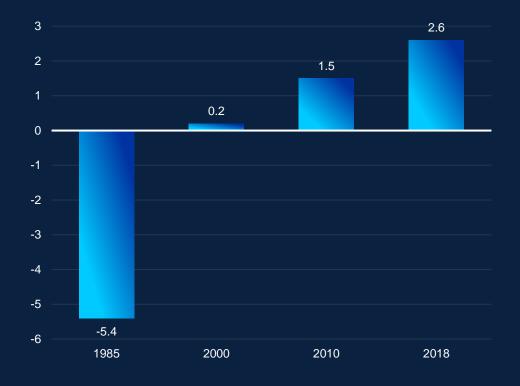


Sources: Accenture; Google/IFC; Standard Bank Research

### TREND 5 (CONT.): STRONG DEMOCRATIC GAINS

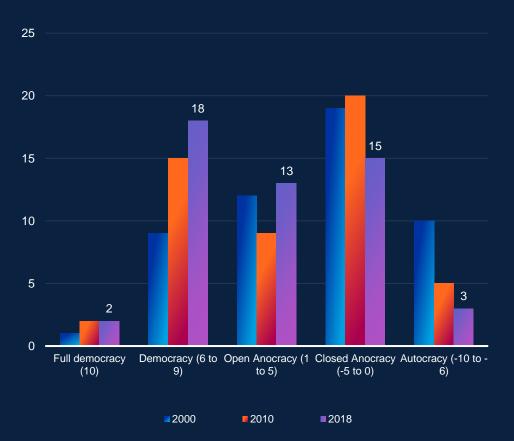


### REMARKABLE OVERALL DEMOCRATIC GAINS



Africa's average Polity score

### TWICE AS MANY DEMOCRACIES SINCE 2000



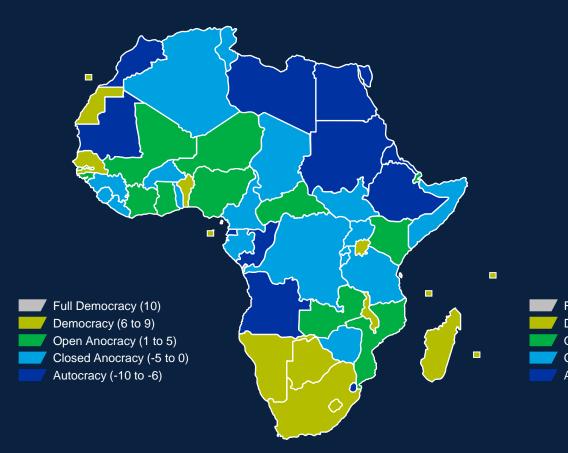
Sources: Centre for Systemic Peace; Standard Bank Research

Sources: Centre for Systemic Peace; Standard Bank Research

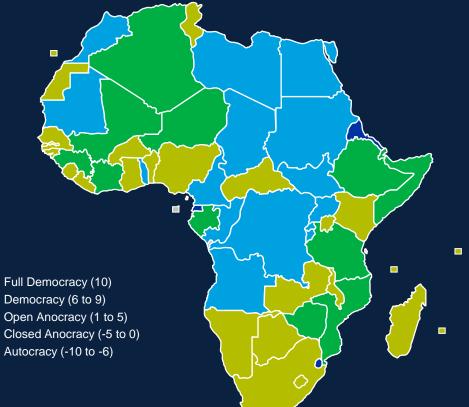
### TREND 5 (CONT.): STRONG DEMOCRATIC GAINS



### Africa's 2000 Polity map



### Africa's 2018 Polity map



Sources: Centre for Systemic Peace; Standard Bank Research

Finding #2: Challenges remain deep, and divergence has accelerated

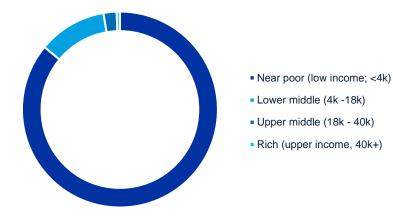
Source: Anadolu News Agency

### **DEMOGRAPHIC CHALLENGES**



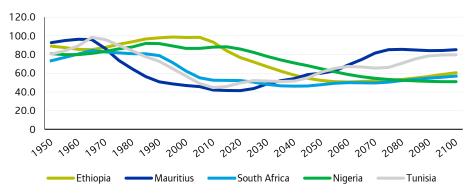
### Africa's low-income base

### MOST HOUSEHOLDS ARE STILL LOW INCOME

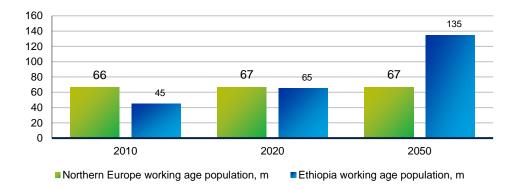


### Divergent institutional gains

## FOR SOME COUNTRIES POPULATIONS WILL ONLY STABILIZE IN 50 YEARS

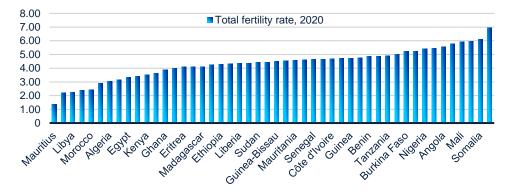


#### ETHIOPIA'S WORKING AGE = THAT OF EUROPE



Sources: World Data Lab; UN; Standard Bank Research

### IN MANY COUNTRIES, FERTILITY RATES REMAIN EXCEPTIONALLY HIGH



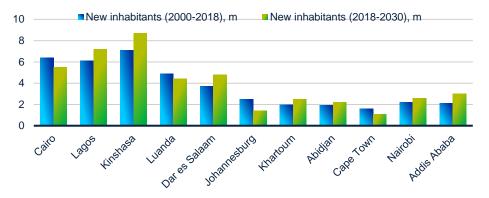
Sources: UN; Standard Bank Research

### ACUTE INFRASTRUCTURE DEFICITS IMPEDE URBAN GAINS

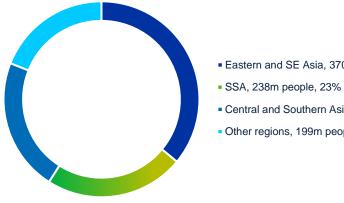


### Mushrooming urban slums

### **BIG CITIES ARE EXPANDING RAPIDLY**



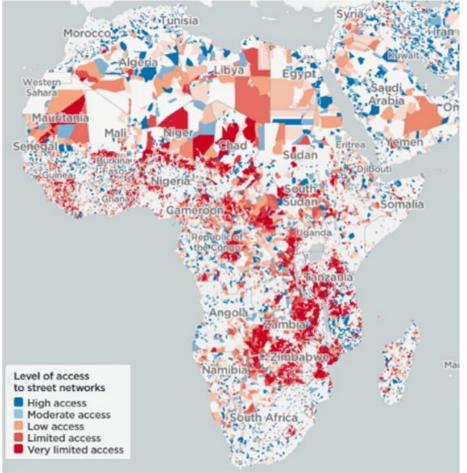
### **URBAN POPULATION LIVING IN SLUMS, 2018**



• Eastern and SE Asia, 370m people, 36%

- Central and Southern Asia, 227m people, 22%
- Other regions, 199m people, 19%

Poor street access across much of Africa



Source: University of Chicago

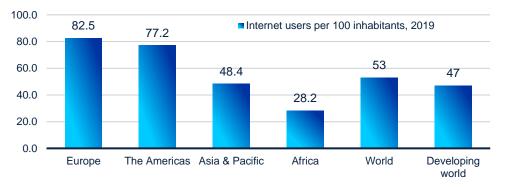
Sources: UN; Standard Bank Research

### **AFRICA STILL LAGS GLOBAL ICT/TECH NORMS**

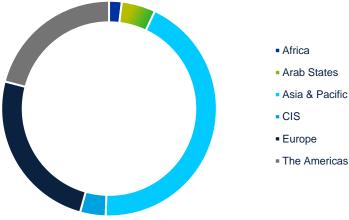


### Most African HHs are low income

#### WAY BEHIND IN INTERNET USAGE



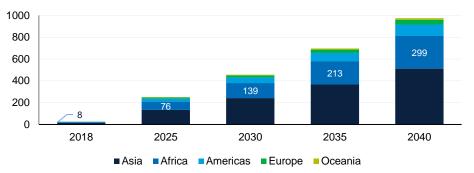
#### SHARE OF GLOBAL BANDWIDTH, 2019



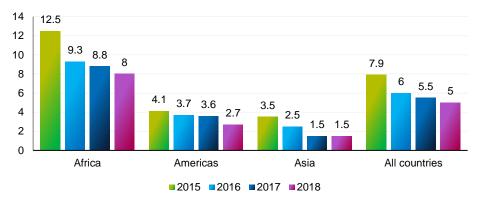


#### Important institutional gains

### ICT INFRASTRUCTURE GAP BY REGION, USDBN



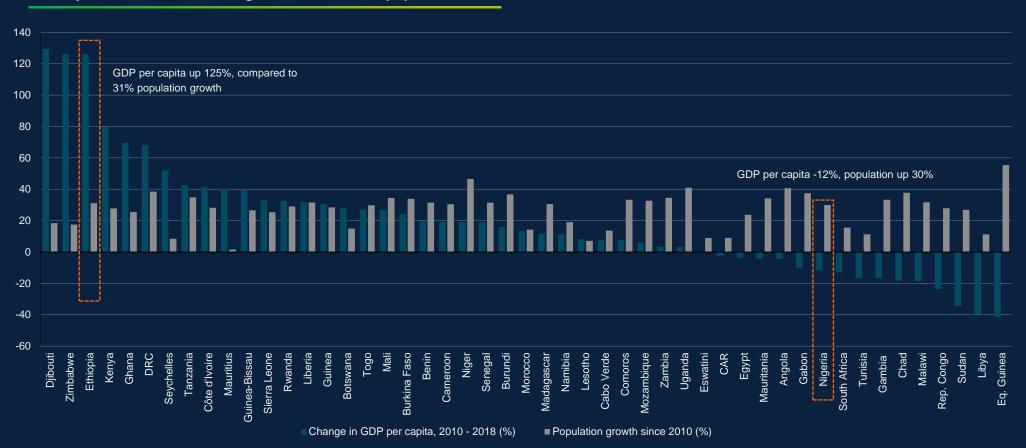
### COST OF 1GB OF MOBILE DATA AS % OF AVE. **INCOME (GNI PER CAPITA)**



Share of mobile connections, excluding licensed cellular IoT. Sources: GSMA; SBR

#### Sources: ITU; Standard Bank Research

### PER CAPITA GDP AND POPULATION GROWTH MISMATCHES



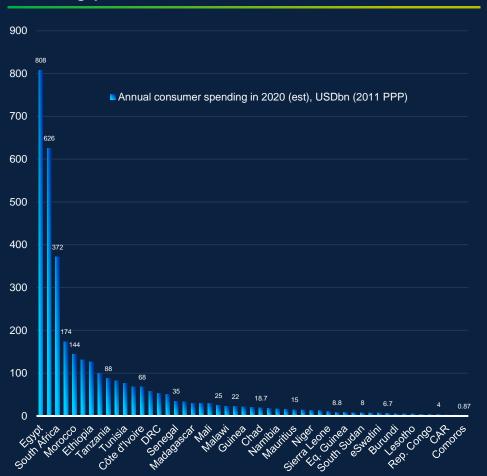
#### In many economies, economic growth is inferior to population swell

Sources: World Data Lab; Standard Bank Research

Sources: UN; Standard Bank Research

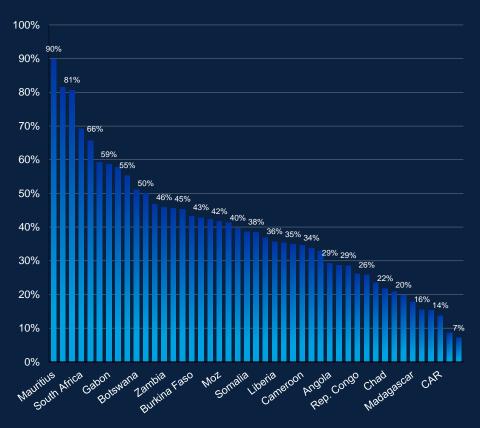
### LEADING TO MAJOR DIVERGENCES





### Profound gaps in consumer scale

Wide gulfs in financial access



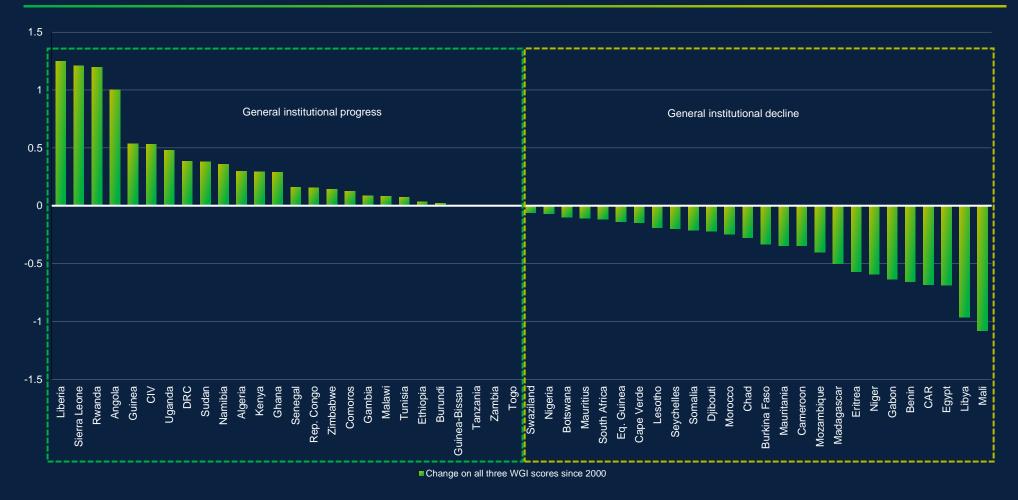
Share of adults with a bank account (%), 2017 (or 2014 where 2017 data not provided)

Sources: World Data Lab; Standard Bank Research

Sources: UN; Standard Bank Research

### POLITICAL AND INSTITUTIONAL PERFORMANCES VARY WIDELY





### Since 2000, half of the continent has progressed across all three WGI scores

Sources: Accenture; Google/IFC; Standard Bank Research

Finding #3: Of all the trends, ICT and tech developments have been most promising

Profitez du confort pour vos voyages

mincargo.nel

Source: Juro

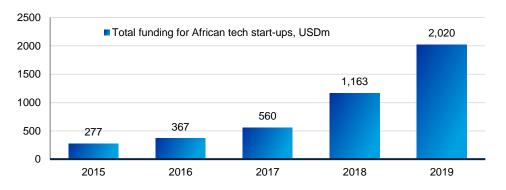
APR N

### **TREND 3 (CONTINUED): A TECH REVOLUTION**

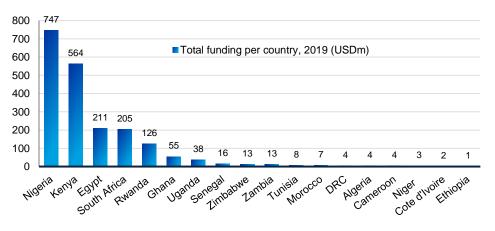


#### Tech start-up funding has been resilient

### CONSISTENT GROWTH IN VC TECH START-UP FUNDING



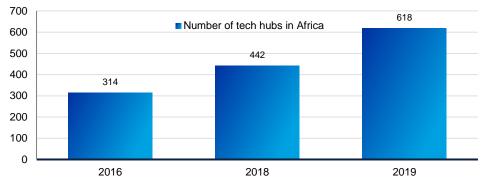
### NIGERIA, KENYA, EGYPT AND SA AT THE FOREFRONT



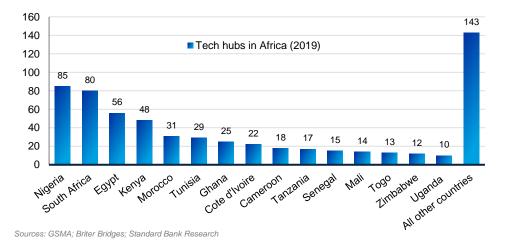
Sources: Partech Partners; Standard Bank Research

#### Tech hubs are driving innovation

### TWICE AS MANY TECH HUBS IN 2019 AS IN 2016



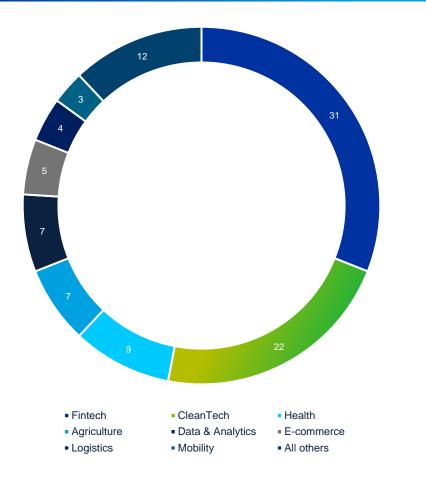
### WIDE DISPERSION OF HUBS ACROSS AFRICA



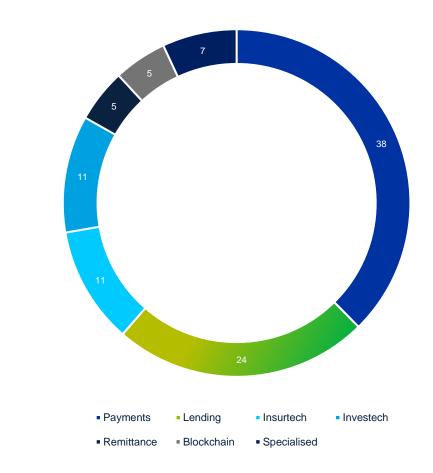
### FINTECH LEADS THE WAY



#### Tech funding into Africa by sub-sector, 2020



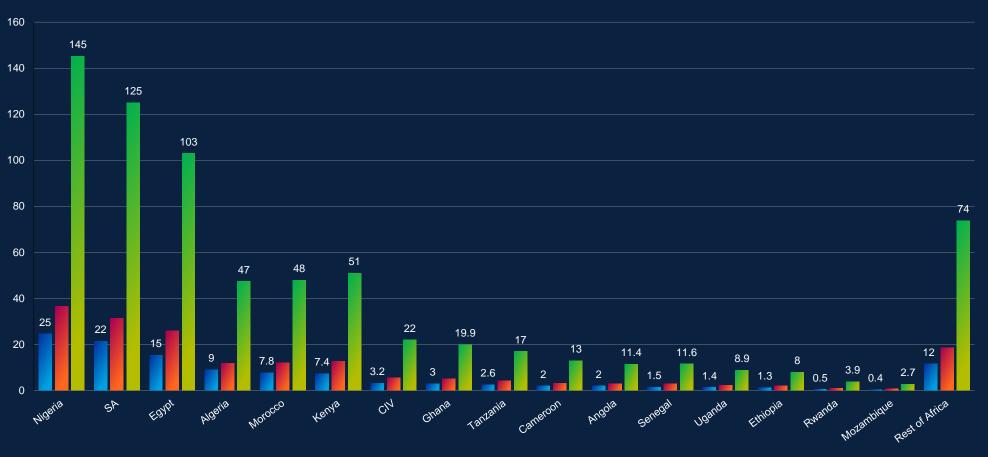
### African fintech product offering mix



Sources: Partech Partners; Standard Bank Research

Sources: Tellimer Research; Standard Bank Research

### AFRICA'S IGDP POTENTIAL



### Strong concentration in Africa's top six iGDP markets (75% of total)

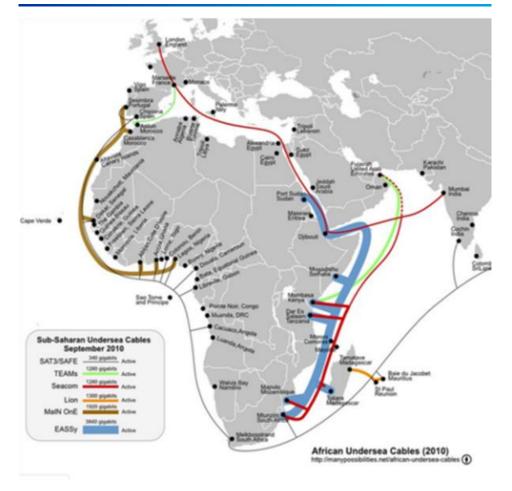
2020 2025 2050

Sources: Accenture; Google/IFC; Standard Bank Research

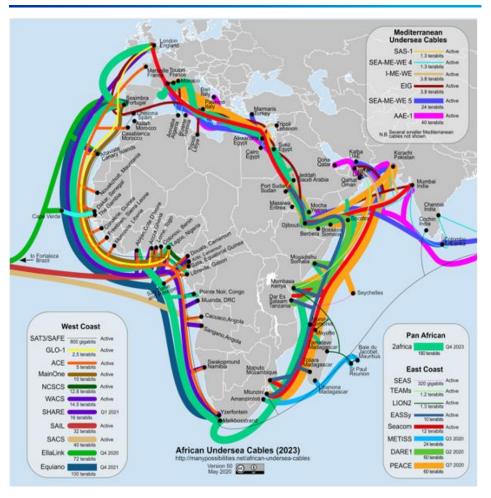
### PRIVATE CAPITAL WILL CONTINUE TO BOOST AFRICAN CONNECTIVITY











Source: manypossibilities.net

Source: manypossibilities.net

### SCALING SSA'S DRIVERS



	Demography	Urbanisation	Technology	Financial inclusion	Political and institutional status	Structural GDP (long- term)	Cyclical GDP (near term)
South Africa	3	4	4	4	3	2	4
Kenya	4	3	3	5	2	5	5
Ethiopia	5	2	1	2	1	5	5
Mozambique	3	3	1	3	1	4	1
Namibia	1	3	4	5	4	2	3
Tanzania	4	4	3	3	2	5	5
Ghana	3	4	4	4	3	5	5
Botswana	1	3	4	4	4	4	4
Zambia	2	3	3	3	2	3	1
Uganda	4	3	2	4	2	5	3

	Legend		Legend		GDP
1	Weak	Demography	Population size and growth rate	1	0 – 1.99%
2	Below average	Urbanisation	Share of population urbanized and rate of urbanisation	2	2 – 2.99%
3	Average	Technology	Mobile penetration and internet user rate	3	3 – 3.99%
4	Strong	Financial inclusion	Share of adult population with a bank account (2017 data)	4	4 – 4.99%
5	Very strong	Political and institutional status	Average WGI score between Political stability, Rule of law, Democracy	5	Above 5%

# **THANK** YOU





Standard Bank Group, its subsidiaries and associate business units (including Standard Bank Research) have committed to treat the personal information that it collects as private and confidential and has published a comprehensive privacy statement accessible on this link. Should you wish to withdraw your consent to the processing of your personal information kindly email ResearchCompliance@standardbank.co.za

Client: means, for the purpose of this section, any natural or juristic person acting through their duly authorise representative(s), who has subscribed to or consented to being subscribed to receiving research Services

Personal Information: means information relating to an identifiable, natural or juristic person, including information relating to race, gender, sex, marital status, nationality, ethnic or social origin, colour, sexual orientation, age, physical or mental health, religion, belief, disability, language, birth, education, identity number, telephone number, email, postal or street address, biometric information and financial, criminal or employment history as well as correspondence sent by the person that is implicitly or explicitly of a private or confidential nature or further correspondence that would reveal the contents of the original correspondence.

Process: means any operation or activity, whether automated or not, concerning Personal Information, including collection, receipt, recording, organisation, collation, storage, updating, modification, retrieval, alteration, consultation, use, dissemination (whether by means of transmission, distribution or making available in any form), merging, linking, blocking, degradation, erasure or destruction

Research Reports: means investment research reports, in relation to the Services, prepared by an independent research analyst, non-independent research analyst or strategist who is part of an investment research team in a stock brokerage, global markets desk or corporate and investment bank environment.

Services: means, *inter alia*, the provision of the Research Reports and other communications and events with respect to equities, market strategy, companies, industries, commodities and countries and associated sales and trading commentary by Standard Bank Research ("SBR")

#### CONSENT FOR PROCESSING PERSONAL INFORMATION

The Client acknowledges that:

- 1 Applicable laws may at times require SBR to collect the Client's Personal Information;
- 2 Personal Information may be collected from public sources;
- 3 SBR may be unable to fulfil its regulatory obligations and provide Services to the Client without Processing the Client's Personal Information;
- 4 All Personal Information which the Client provides to SBR is voluntarily provided;
- 5 SBR shall determine the Services and means of Processing any Personal Information that is provided by the Client;
- 6 Personal Information may be processed by SBR and/ or, The Standard Bank of South Africa Limited and/or its associated entities or duly authorised third party service providers.
- 7 The Client consents to SBR processing its Personal Information in order to:
- 7.1 create and administer the Client's profile as contemplated by regulation;
- 7.2 carry out statistical and other analysis to identify potential markets and trends;
- 7.3 develop new products and services; and/or
- 7.4 any other purpose SBR reasonably believe is required to fulfil its obligations in accordance with regulation or this agreement.
- 8 The Client has consented to the Processing of its Personal Information for the purpose of clause 1.7 above.
- 9 The Client hereby expressly consents that SBR may disclose to or share its Personal Information with duly authorised third parties, which may be located in the Republic of South Africa or other jurisdictions, where it is necessary in order for SBR to fulfil its obligations in accordance with the regulation and/or this agreement.
- 10 SBR will require any third-party service providers to whom the Client's Personal Information is provided to agree to SBR' data privacy principles policy and practices in accordance with the prevailing regulations including data privacy laws.

This material contains non-independent research. Non-independent research is a "marketing communication.

This Analyst Certification and Important Disclosures

Analyst Certification and Important Disclosures

#### Analyst(s) Certification(s)

The analyst(s) who prepared this research report (denoted by an asterisk\*) hereby certifies(y) that: (i) all of the views and opinions expressed in this research report accurately reflect the research analyst's(s') personal views about the subject matter investment(s) and issuer(s) and (ii) no part of the analyst's(s') compensation was, is or will be directly or indirectly related to the specific recommendations or views expressed by the analyst(s) in this research report. Standard Bank research analysts receive compensation that is based, in part, on the overall firm revenues, which include investment banking revenues.

Important Global and U.S. Disclosures

Conflict of Interest

It is the policy of The Standard Bank Group Limited and its worldwide affiliates and subsidiaries (together the Standard Bank Group) that research analysts may not be involved in activities in a way that suggests that he or she is representing the interests of any member of the Standard Bank Group or its clients if this is reasonably likely to appear to be inconsistent with providing independent investment research. In addition research analysts' reporting lines are structured so as to avoid any conflict of interests. For example, research analysts cannot be subject to the supervision or control of anyone in the Standard Bank Group's investment banking sales and trading departments. However, such sales and trading departments may trade, as principal, on the basis of the research analyst's published research. Therefore, the proprietary interests of those sales and trading departments may conflict with your interests.

#### Distribution

Any unauthorized distribution of this report is strictly prohibited. None of the material, nor its content, nor any copy of it, may be altered in any way, transmitted to, copied or distributed to any other party, without the prior express written permission of SBG. Unauthorised redistribution, disclosure and/or use of this report may result in civil and/or criminal liability.

Distribution in the United States: This publication is intended for distribution in the U.S. solely to U.S. institutional investors that qualify as "major institutional investors" as defined in Rule 15a-6 under the U.S. Exchange Act of 1934 as amended, and may not be furnished to any other person in the United States. Each U.S. major institutional investor that receives these materials by its acceptance hereof represents and agrees that it shall not distribute or provide these materials to any other person. Any U.S. recipient of these materials that wishes further information regarding, or to effect any transaction in, any of the securities discussed in this document, must contact and deal directly through a US registered representative affiliated with a broker-dealer registered with the U.S. Securities and Exchange Commission (SEC) and a member of the Financial Industry Regulatory Authority (FINRA). In the U.S., Standard Bank Group [SBG] has an affiliate, ICBC Standard Securities Inc. located at 520 Madison Avenue, 28th Floor, USA. Telephone +1 (212) 507 5000 which is registered with the SEC and is a member of FINRA and SIPC.

If you received this research report from ICBC Standard Securities Inc., it is third party research. Please see additional disclosures relating to ICBC Standard Securities Inc., and its affiliates at Link to Disclosures

Recipients who no longer wish to receive such research reports should call +27 (11) 415 4272 or email SBRSupport@standardbank.co.za Disclaimer and Confidentiality Note





Standard Bank Group Limited is the holding company of The Standard Bank of South Africa Limited and is listed on the JSE Limited and is regulated by the Prudential Authority and the Financial Sector Conduct Authority.

This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would subject Standard Bank Group to any registration or licensing requirement within such jurisdiction. All material presented in this report, unless specifically indicated otherwise, is under copyright to Standard Bank Group. None of the material, nor its content, nor any copy of it, may be altered in any way, transmitted to, copied or distributed to any other party, without the prior express written permission of Standard Bank Group. All trademarks, service marks and logos used in this report are trademarks or service marks or service marks of Standard Bank Group or its affiliates.

The information, tools and material presented in this report are provided to you for information purposes only and are not to be used or considered as an offer or the solicitation of an offer to sell or to buy or subscribe for securities or other financial instruments. Standard Bank Group may not have taken any steps to ensure that the securities referred to in this report are suitable for any particular investor. Standard Bank Group will not treat recipients as its customers by virtue of their receiving the report. The investments or services contained or referred to in this report may not be suitable for you and it is recommended that you consult an independent investment advisor if you are in doubt about such investments or investment services. Nothing in this report constitutes investment, legal, accounting or tax advice or a representation that any investment or strategy is suitable or appropriate to your individual circumstances or otherwise constitutes a personal recommendation to you. Standard Bank Group does not offer advice on the tax consequences of investment and you are advised to contact an independent tax adviser. Please note in particular that the bases and levels of taxation may change.

Standard Bank Group believes the information and opinions in the Disclosure Appendix of this report are accurate and complete. Information and opinions presented in the other sections of the report were obtained or derived from sources Standard Bank Group believes are reliable, but Standard Bank Group makes no representations as to their accuracy or completeness. Additional information is available upon request. Standard Bank Group accepts no liability for loss arising from the use of the material presented in this report, except that this exclusion of liability does not apply to the extent that liability arises under specific statutes or regulations applicable to Standard Bank Group. This report is not to be relied upon in substitution for the exercise of independent judgment. Standard Bank Group may have issued, and may in the future issue, a trading call regarding these securities. In addition, Standard Bank Group may have issued, and may in the future issue, other reports that are inconsistent with, and reach different conclusions from, the information presented in this report. Those reports reflect the different assumptions, views and analytical methods of the analysts who prepared them and Standard Bank Group is under no obligation to ensure that such other reports are brought to the attention of any recipient of this report. Standard Bank Group is involved in many businesses that relate to companies mentioned in this report.

Past performance should not be taken as an indication or guarantee of future performance, and no representation or warranty, express or implied, is made regarding future performance. Information, opinions and estimates contained in this report reflect a judgment at its original date of publication by Standard Bank Group and are subject to change without notice. The price, value of and income from any of the securities or financial instruments mentioned in this report can fall as well as rise. The value of securities and financial instruments is subject to exchange rate fluctuation that may have a positive or adverse effect on the price or income of such securities or financial instruments. Investors in securities such as American Depositary Receipts (ADRs), the values of which are influenced by currency volatility, effectively assume this risk.

Structured securities are complex instruments, typically involve a high degree of risk and are intended for sale only to sophisticated investors who are capable of understanding and assuming the risks involved. The market value of any structured security may be affected by changes in economic, financial and political factors (including, but not limited to, spot and forward interest and exchange rates), time to maturity, market conditions and volatility, and the credit quality of any issuer or reference issuer. Any investor interested in purchasing a structured product should conduct their own investigation and analysis of the product and consult with their own professional advisers as to the risks involved in making such a purchase.

Some investments discussed in this report have a high level of volatility. High volatility investments may experience sudden and large falls in their value causing losses when that investment is realized. Those losses may equal your original investment. Indeed, in the case of some investments the potential losses may exceed the amount of initial investment, in such circumstances you may be required to pay more money to support those losses. Income yields from investments may fluctuate and, in consequence, initial capital paid to make the investment may be used as part of that income yield. Some investments may not be readily realizable and it may be difficult to sell or realize those investments, similarly it may prove difficult for you to obtain reliable information about the value, or risks, to which such an investment is exposed.

Standard Bank Group Research personnel may participate in company events such as site visits and are generally prohibited from accepting payment by the company of associated expenses unless pre-approved by authorized members of Research management.

Standard Bank Group maintains information barriers between its Research Analysts and the rest of its business divisions, and more specifically the Investment Banking business. Standard Bank Group' analysts', strategists' and economists' compensation is not linked to Investment Banking or Capital Markets transactions performed by Standard Bank Group or its shareholders. Facts and views presented in Standard Bank Group's research have not been reviewed by, and may not reflect information known to professionals in other Standard Bank Group or Standard Bank business areas, including investment banking personnel.



Some investments discussed in this report have a high level of volatility. High volatility investments may experience sudden and large falls in their value causing losses when that investment is realized. Those losses may equal your original investment. Indeed, in the case of some investments the potential losses may exceed the amount of initial investment, in such circumstances you may be required to pay more money to support those losses. Income yields from investments may fluctuate and, in consequence, initial capital paid to make the investment may be used as part of that income yield. Some investments may not be readily realizable and it may be difficult to sell or realize those investments, similarly it may prove difficult for you to obtain reliable information about the value, or risks, to which such an investment is exposed.

Standard Bank Group Research personnel may participate in company events such as site visits and are generally prohibited from accepting payment by the company of associated expenses unless pre-approved by authorized members of Research management.

Standard Bank Group maintains information barriers between its Research Analysts and the rest of its business divisions, and more specifically the Investment Banking business. Standard Bank Group' analysts', strategists' and economists' compensation is not linked to Investment Banking or Capital Markets transactions performed by Standard Bank Group or its shareholders. Facts and views presented in Standard Bank Group's research have not been reviewed by, and may not reflect information known to professionals in other Standard Bank Group or Standard Bank business areas, including investment banking personnel.

This report is issued and distributed in Europe by Standard Advisory London Limited, 20 Gresham Street, London EC2V 7JE which is authorised by the Financial Conduct Authority ("FCA"). This report is being distributed in Kenya by Stanbic Bank Kenya ; in Nigeria by Stanbic IBTC; in Angola by Standard Bank de Angola S.A.; into the People's Republic of China from overseas by the Standard Bank of South Africa Limited; in Botswana by Stanbic Bank Botswana Limited; in Democratic Republic of Congo by Stanbic Bank Congo s.a.r.l.; in Ghana by Stanbic Bank Ghana Limited; in Hong Kong by Standard Advisory Asia Limited , in Isle of Man by Standard Bank Isle of Man Limited; in Jersey by Standard Bank Jersey Limited; in Madagascar by Union Commercial Bank S.A.; in Mozambique by Standard Bank s.a.r.l.; in Malawi by Standard Bank Limited; in Namibia by Standard Bank Namibia Limited; in Mauritius by Standard Bank (Mauritius) Limited; in Tanzania by Stanbic Bank Tanzania Limited; in Swaziland by Standard Bank Swaziland Limited; in Zambia by Stanbic Bank Zambia Limited; in Zimbabwe by Stanbic Bank Zimbabwe Limited; in UAE by The Standard Bank of South Africa Limited, (DIFC Branch).

All rights reserved. Any unauthorized use, duplication, redistribution or disclosure of this report (the "Product"), including, but not limited to redistribution of the Product by electronic mail, posting of the Product on a website or page, and/or providing to a third party a link to the Product, is prohibited by law and will result in prosecution. The information contained in the Product is intended solely for the recipient and may not be further distributed by the recipient to any third party. Where included in this report, MSCI sourced information is the exclusive property of Morgan Stanley Capital International Inc. (MSCI). Without prior written permission of MSCI, this information any other MSCI intellectual property may not be reproduced, redisseminated or used to create any financial products, including any indices. This information is provided on a "as is" basis. The user assumes the entire risk of using any of this information. MSCI, its affiliates or any third party involved in, or related to, computing or compiling the information have any liability for any damages of any kind. MSCI, Morgan Stanley Capital International and the MSCI indexes are services marks of MSCI and its affiliates. Standard Bank Group accepts no liability whatsoever for the actions of third parties. The document may provide the addresses of, or contain hyperlinks to website. Except to the extent to which the document refers to website material of Standard Bank Group, Standard Bank Group has not reviewed the linked site. Equally, except to the extent to which the document refers to website or sort hyperlinks to website or sort hyperlinks to website or page, and/or providing addresses or hyperlink through the document or the website of Standard Bank Group is provided solely for your contained therein. Such address or hyperlink (including addresses or hyperlinks to website material of Standard Bank Group is provided solely for your contained therein. Such address or hyperlink through the document or the website of Standard Bank Gr

Please note that this report was originally prepared by Standard Bank Group for distribution to Standard Bank Group market professionals and institutional investor customers. Recipients who are not market professionals or institutional investor customers of these firms should seek the advice of their independent financial advisor prior to taking any investment decision based on this report or for any necessary explanation of its contents. This research may relate to investments or services of a person outside of the UK or to other matters which are not regulated by the FCA or PRA or in respect of which the protections of the FCA or PRA for private customers and/or the UK compensation scheme may not be available, and further details as to where this may be the case are available upon request in respect of this report.

In jurisdictions where Standard Bank Group is not already registered or licensed to trade in securities, transactions will only be effected in accordance with the applicable securities legislation, which will vary from jurisdiction to jurisdiction and may require that the trade be made in accordance with applicable exemptions from registration or licensing requirements".

Standard Bank Group is a member of the JSE Limited.

Standard Bank Group Research may not be distributed to the public media or quoted or used by the public media without the express written consent of the Standard Bank Group.

This report is intended for the exclusive use of recipient. The report may not be distributed to any other person without Standard Bank Research's express written consent.

Copyright 2021 Standard Bank Group. All rights reserved.

/ Reviewing the trends driving Africa's allure