

Le Maroc plateforme pour les entreprises
européennes vers l'Afrique ?

Un Continent vaste...

The True Size of Africa

A small contribution in the fight against rampant *Immappancy*; by Kai Krause

Graphic layout for visualization only (some countries are cut and rotated)
But the conclusions are very accurate: refer to table below for exact data

COUNTRY	AREA x 1000 km ²
China	9.597
USA	9.629
India	3.287
Mexico	1.964
Peru	1.285
France	633
Spain	506
Papua New Guinea	462
Sweden	441
Japan	378
Germany	357
Norway	324
Italy	301
New Zealand	270
United Kingdom	243
Nepal	147
Bangladesh	144
Greece	132
TOTAL	30.102
AFRICA	30.221

In addition to the well known social issues of *illiteracy* and *innumeracy*, there also should be such a concept as "*immappancy*", meaning *insufficient geographical knowledge*.

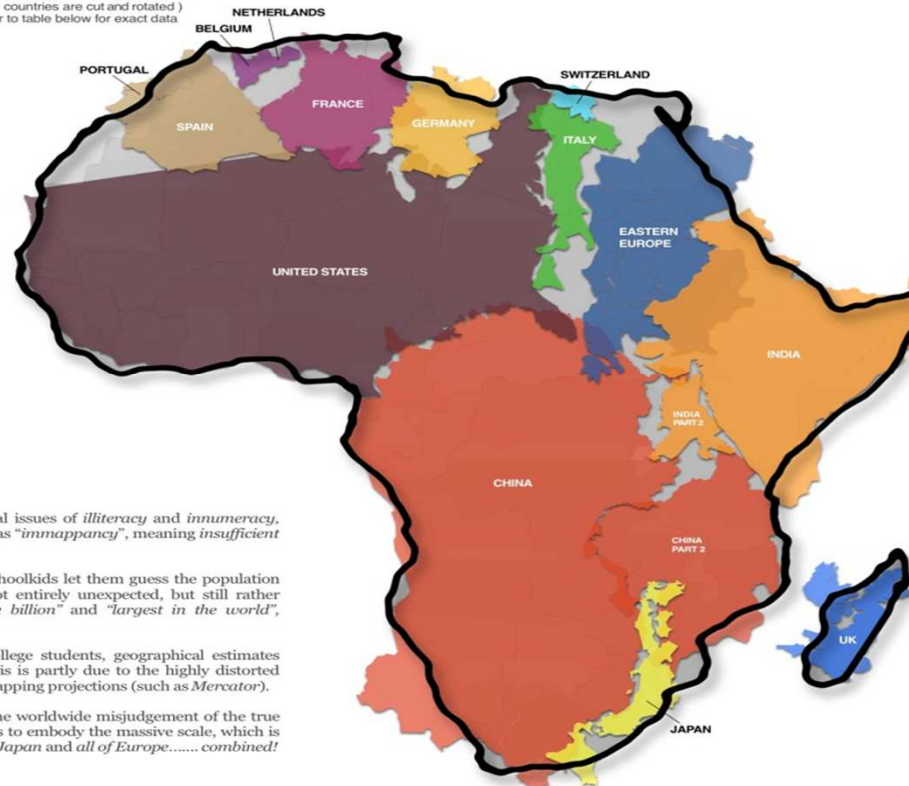
A survey with random American schoolkids let them guess the population and land area of their country. Not entirely unexpected, but still rather unsettling, the majority chose "1-2 billion" and "largest in the world", respectively.

Even with Asian and European college students, geographical estimates were often off by factors of 2-3. This is partly due to the highly distorted nature of the predominantly used mapping projections (such as *Mercator*).

A particularly extreme example is the worldwide misjudgement of the true size of *Africa*. This single image tries to embody the massive scale, which is larger than the *USA*, *China*, *India*, *Japan* and *all of Europe*..... combined!

Top 100 Countries

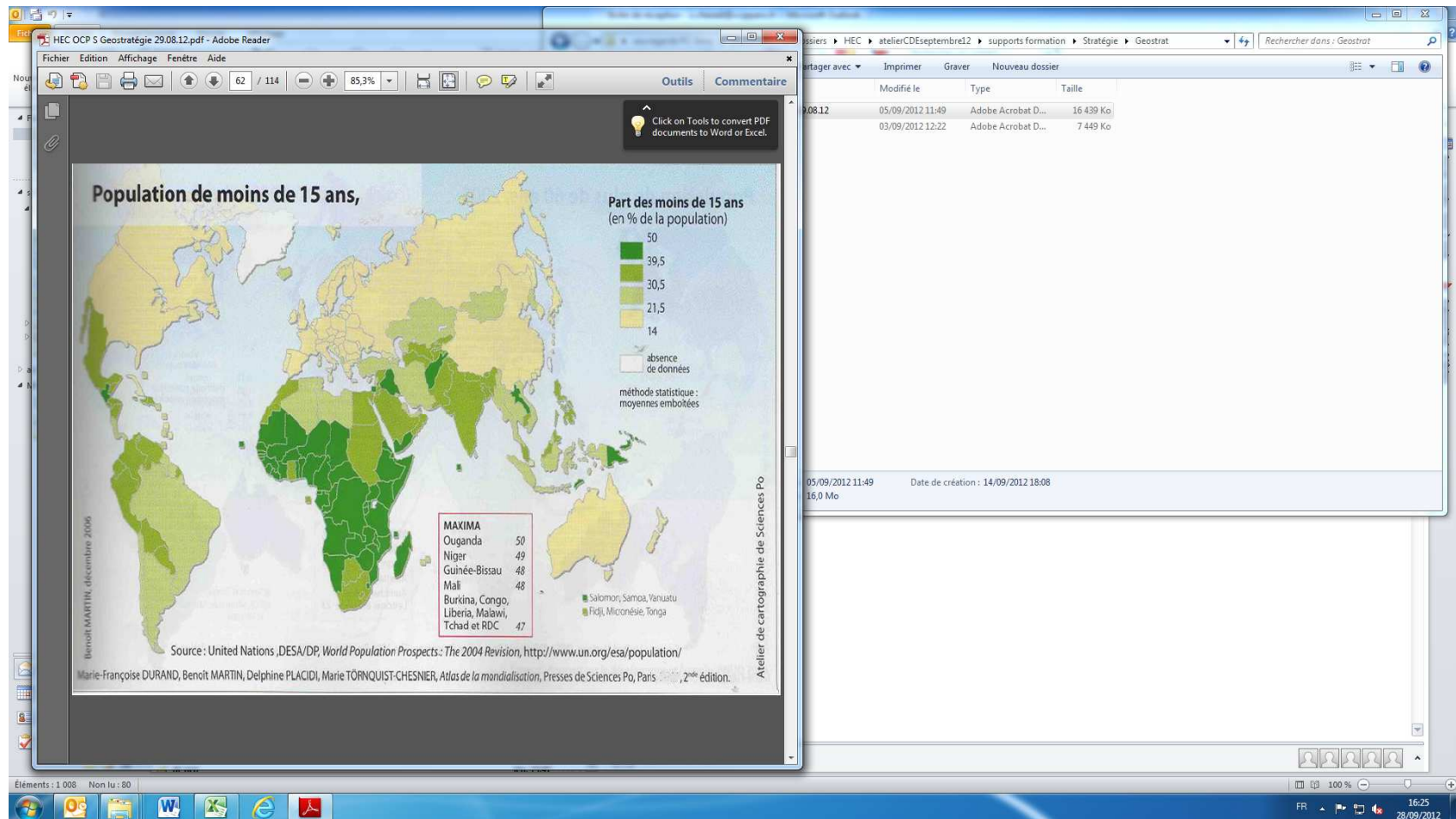
Area in square kilometers, Percentage of World Total
Sources: Britannica, Wikipedia, Almanac 2010



	AREA km ²	%	
1	Russia	17,098,242	11.50
2	Canada	9,984,670	6.70
3	China	9,596,961	6.40
4	United States	9,629,091	6.40
5	Brazil	8,514,877	5.70
6	Australia	7,692,024	5.20
7	India	3,287,263	2.30
8	Argentina	2,780,400	2.00
9	Kazakhstan	2,724,900	1.80
10	Sudan	2,505,813	1.70
11	Algeria	2,381,741	1.60
12	Congo	2,344,858	1.60
13	Greenland	2,166,086	1.50
14	Saudi Arabia	2,149,695	1.40
15	Mexico	1,964,375	1.30
16	Indonesia	1,890,360	1.30
17	Libya	1,759,540	1.20
18	Iran	1,628,750	1.10
19	Mongolia	1,564,100	1.10
20	Peru	1,285,216	0.86
21	Chad	1,284,000	0.86
22	Niger	1,267,000	0.85
23	Angola	1,246,700	0.85
24	Mali	1,240,192	0.83
25	South Africa	1,221,037	0.82
26	Colombia	1,141,748	0.76
27	Ethiopia	1,104,300	0.74
28	Bolivia	1,098,581	0.74
29	Mauritania	1,025,520	0.69
30	Egypt	1,002,000	0.67
31	Tanzania	945,087	0.63
32	Nigeria	923,768	0.62
33	Venezuela	912,050	0.61
34	Namibia	824,116	0.55
35	Mozambique	801,590	0.54
36	Pakistan	796,095	0.53
37	Turkey	785,562	0.53
38	Chile	756,102	0.51
39	Zambia	752,812	0.51
40	Myanmar	676,578	0.45
41	Algeria	652,080	0.44
42	Somalia	637,657	0.43
43	France	632,834	0.43
44	C. African Rep.	622,984	0.42
45	Ukraine	603,500	0.41
46	Madagascar	587,041	0.39
47	Botswana	582,000	0.39
48	Kenya	580,367	0.39
49	Yemen	527,968	0.35
50	Thailand	513,120	0.34
51	Spain	505,992	0.34
52	Turkmenistan	486,100	0.33
53	Cameroon	475,442	0.32
54	Papua New Guinea	462,840	0.31
55	Uzbekistan	447,400	0.30
56	Morocco	446,500	0.30
57	Sweden	441,370	0.30
58	Iraq	436,317	0.29
59	Paraguay	406,752	0.27
60	Zimbabwe	390,757	0.26
61	Japan	377,830	0.25
62	Germany	357,114	0.24
63	Rep. of Congo	342,000	0.23
64	Finland	338,419	0.23
65	Vietnam	331,212	0.22
66	Malaysia	330,803	0.22
67	Norway	320,802	0.22
68	Côte d'Ivoire	322,463	0.22
69	Poland	312,685	0.21
70	Oman	309,500	0.21
71	Italy	301,336	0.20
72	Philippines	300,000	0.20
73	Burkina Faso	274,222	0.18
74	New Zealand	270,467	0.18
75	Gabon	267,668	0.18
76	Western Sahara	266,000	0.18
77	Ecuador	256,369	0.20
78	Guinea	245,857	0.17
79	United Kingdom	242,800	0.16
80	Uganda	241,038	0.16
81	Ghana	238,539	0.16
82	Romania	238,391	0.16
83	Laos	236,800	0.16
84	Guyana	214,969	0.14
85	Belarus	207,600	0.14
86	Kyrgyzstan	199,951	0.13
87	Senegal	196,722	0.13
88	Syria	185,180	0.12
89	Cambodia	181,035	0.12
90	Uruguay	178,215	0.12
91	Suriname	163,820	0.11
92	Tunisia	163,610	0.11
93	Nepal	147,181	0.10
94	Bangladesh	143,308	0.10
95	Tajikistan	143,100	0.10
96	Greece	131,957	0.09
97	Nicaragua	130,373	0.09
98	North Korea	120,538	0.08
99	Malawi	115,454	0.08
100	Eritrea	117,600	0.08
TOP 100 TOTAL		132,632,324	89.34

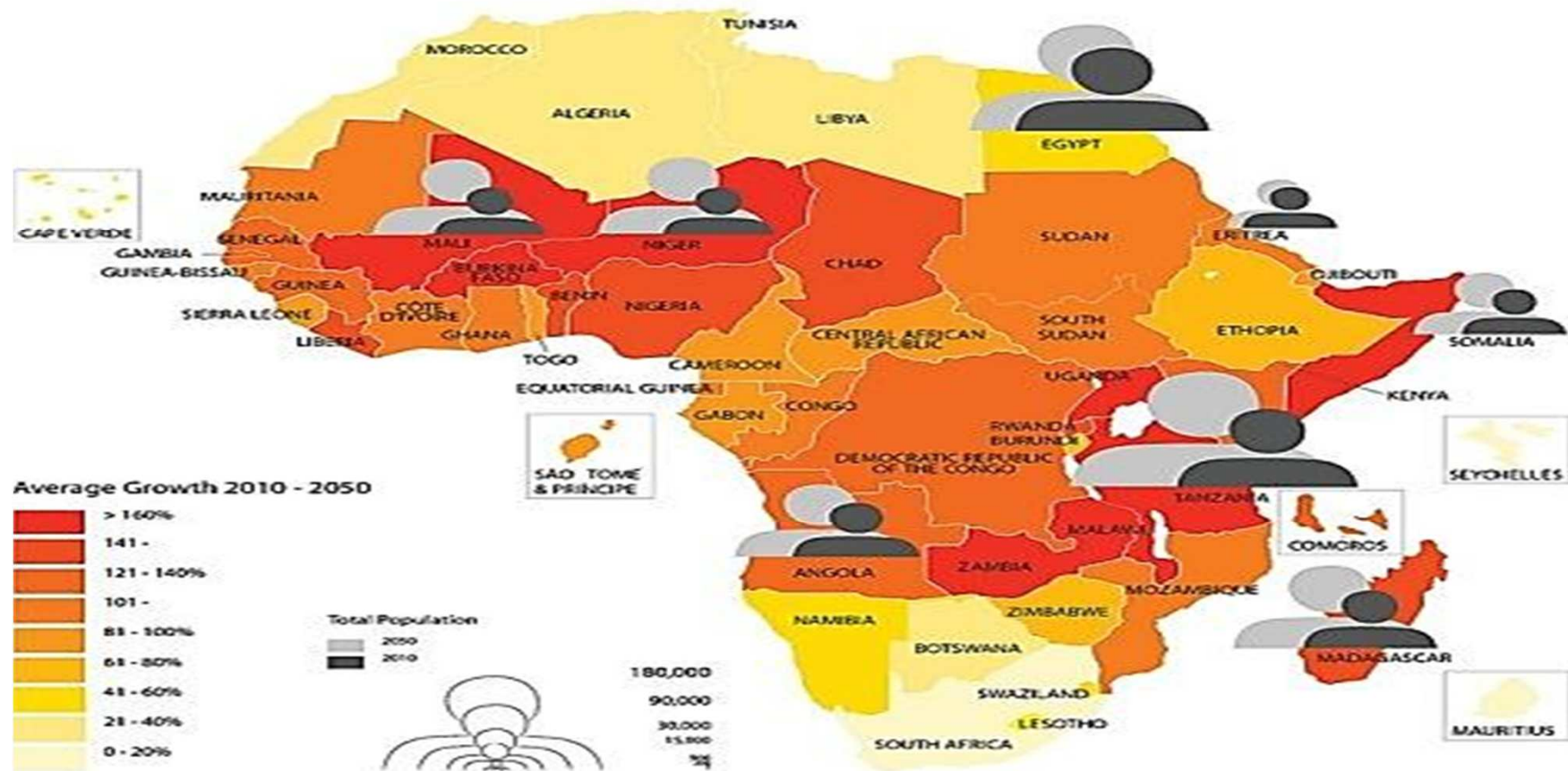


Une population jeune...

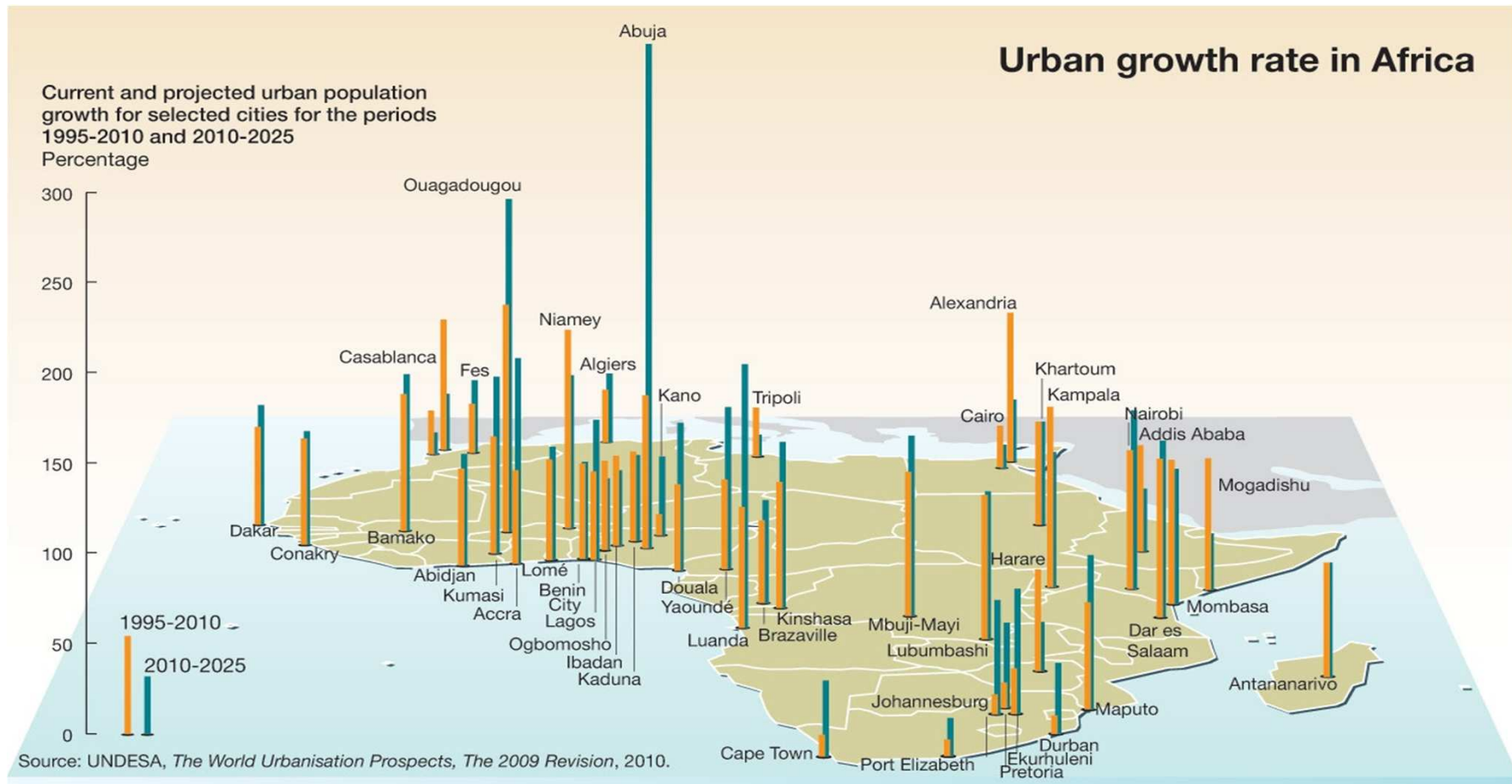


Appelée à doubler d'ici 2050

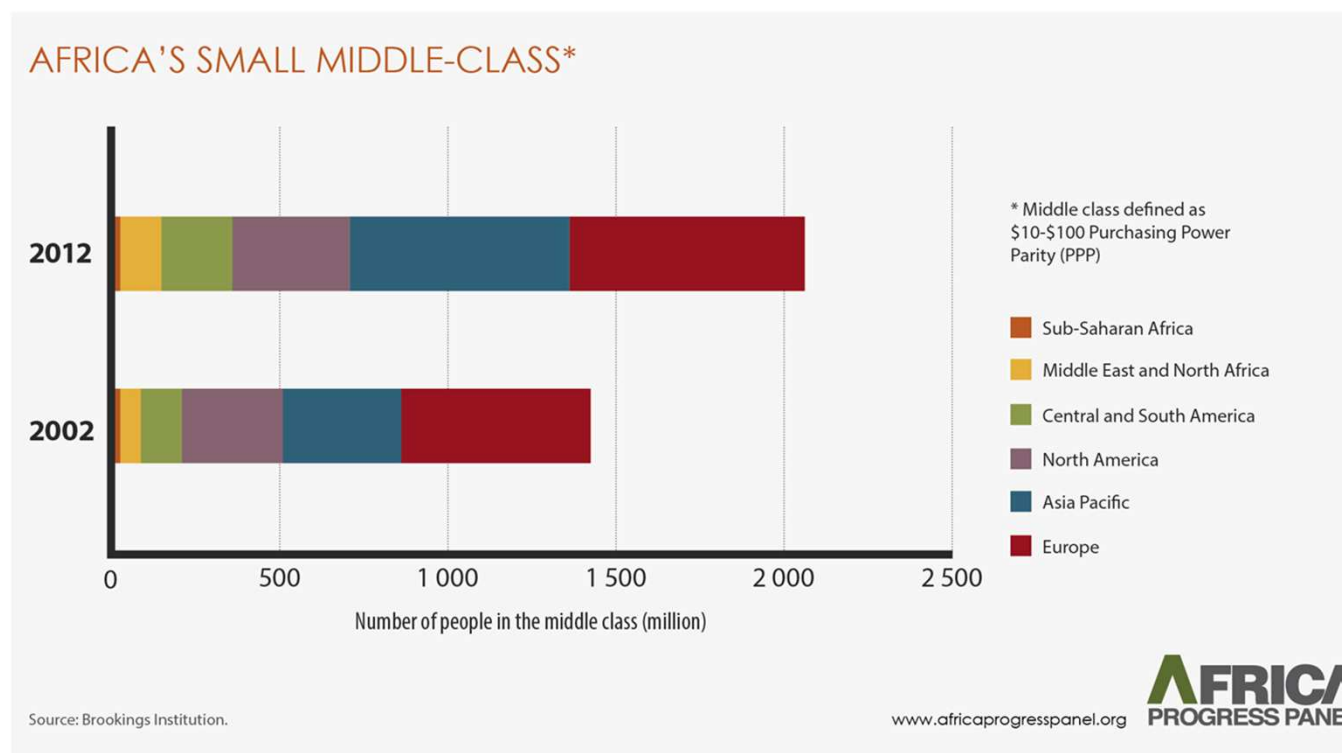
Africa's Population Growth 2010-2050



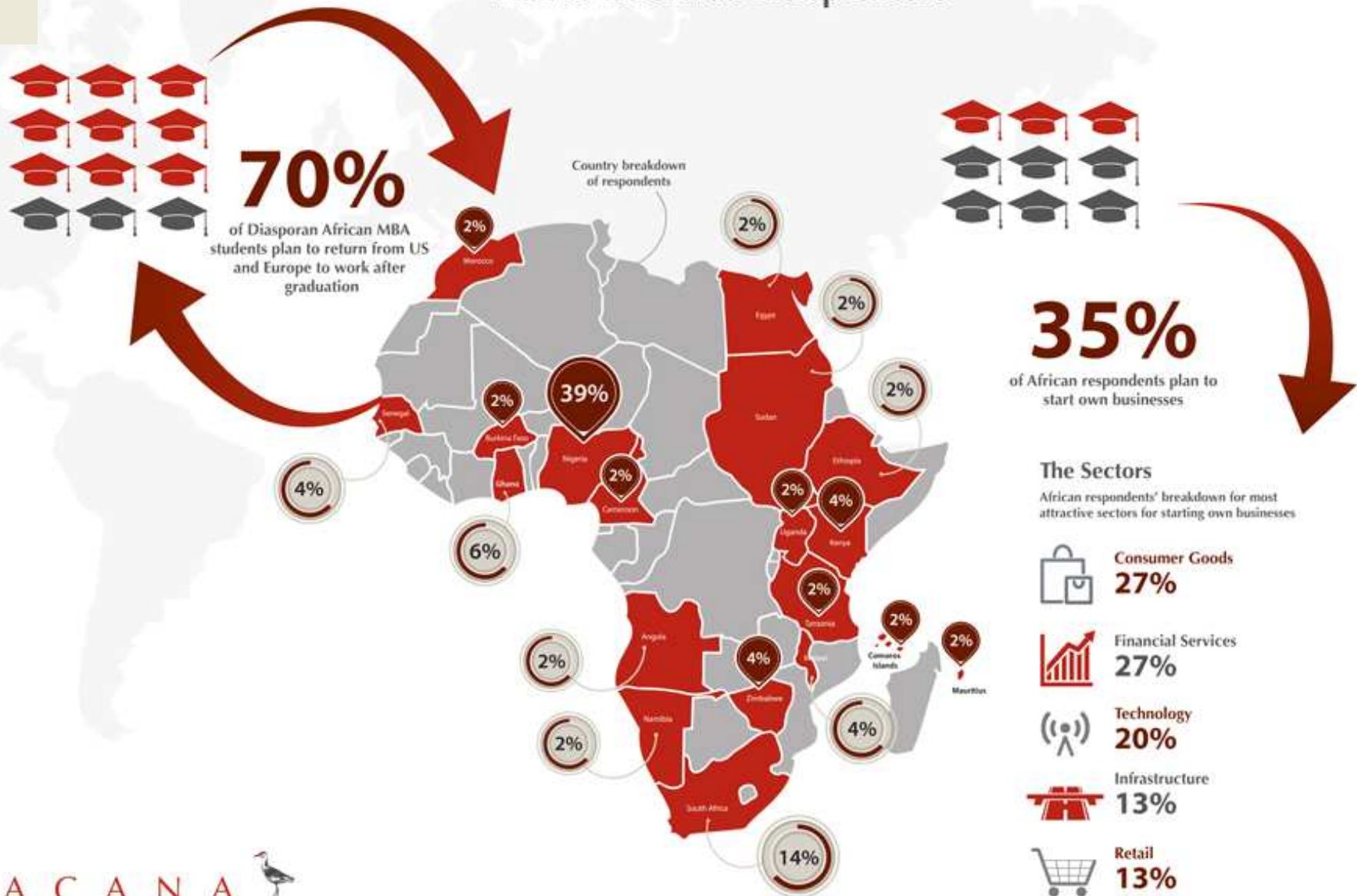
Et qui s'urbanise fortement.....

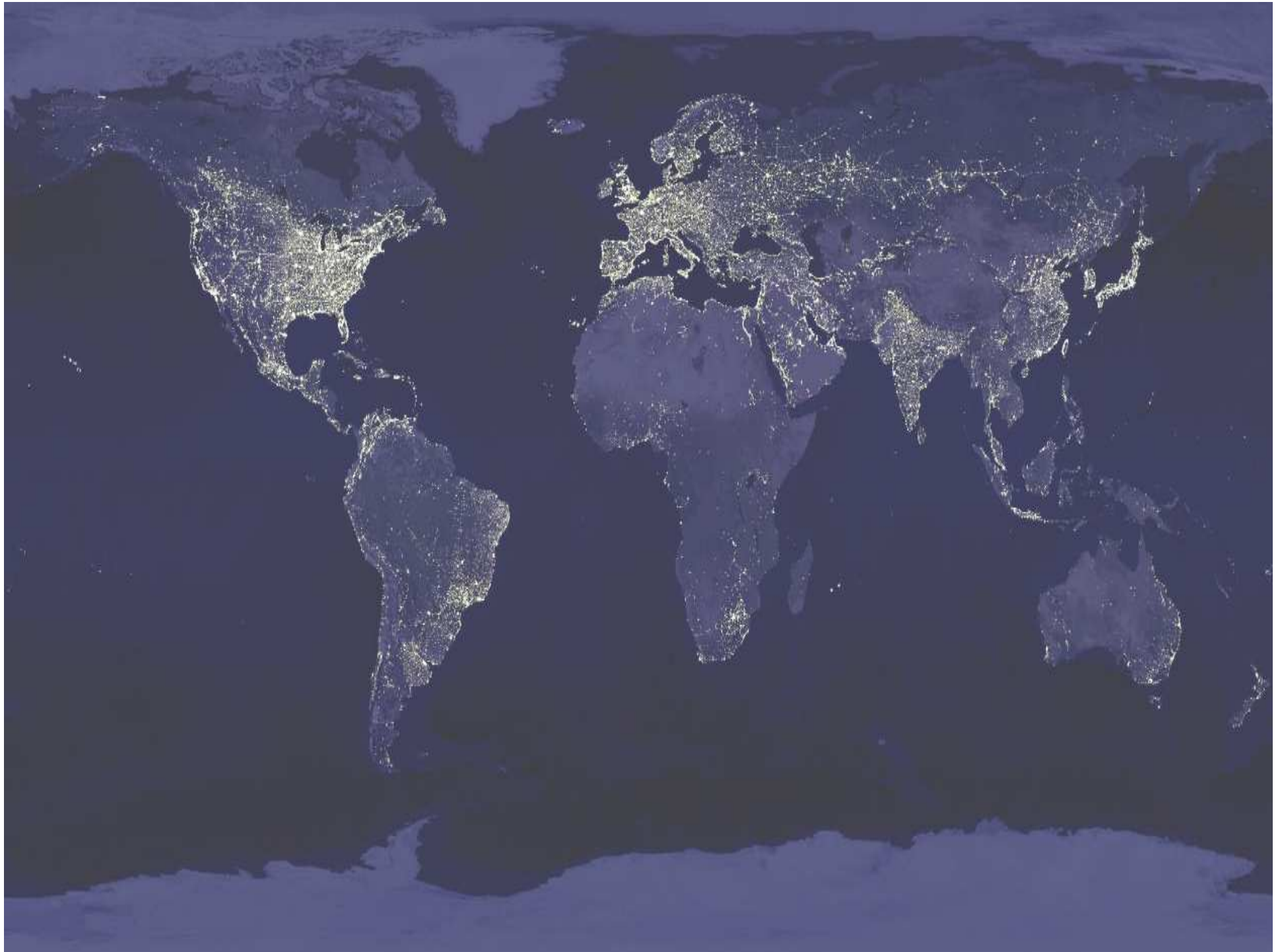


Et avec une classe moyenne qui émerge.....



Boost for African Business as MBA Graduates Plan to Return as Entrepreneurs





RESSOURCES NATURELLES PAR PAYS

RESOURCES

NEW DISCOVERIES

DISCOVERIES IN Q1 2011	
Natural Resource	Country
Oil	Ghana (West Cape three points)
Gold	Nigeria (Kaduna region)
Iron Ore	Liberia (Bopolu and Simba)
Manganese	Gabon (Indole)
Diamond	Sierra Leone (Tongo)
Natural gas	Tanzania (Johore)

NEW PRODUCTION TO COME ON STREAM IN 2011	
Natural Resource	Country
Coal	Mozambique
Oil	Ghana
Copper	Zambia (Kansans North)
Manganese	Gabon

Source: Africa Mining, various issues

WHAT RESOURCES ARE FOR

- **Bauxite:** Aluminum for packaging and transport (aircraft, cars)
- **Chromite:** Stainless steel
- **Coal:** Power generation
- **Cobalt:** Batteries, metal alloys
- **Cotton:** Electronic devices, mobile phones
- **Copper:** Electrical wires and telecommunications cables
- **Diamond:** Jewellery
- **Iron Ore:** Steel for construction etc
- **Gold:** Jewellery (and as a store of value)
- **Lead:** Car batteries
- **Lithium:** Batteries for electronic devices
- **Nickel:** Stainless steel, magnets
- **Niobium:** Steel production and alloys
- **Manganese:** Steel production
- **Palladium:** Catalysts, electronics
- **Phosphate Rock:** Fertiliser
- **Platinum:** Catalytic converters (for cars)
- **Platinum group metals (PGM):** Catalytic converters (for cars)
- **Rhodium:** Catalysts, electronics
- **Tungsten:** Alloys and other industrial uses
- **Uranium Oxide:** Power generation
- **Zirconium:** Ceramics
- **Tin:** Solder and alloys
- **Zinc:** Alloys and batteries
- **Titanium:** Pigments, alloys and aerospace

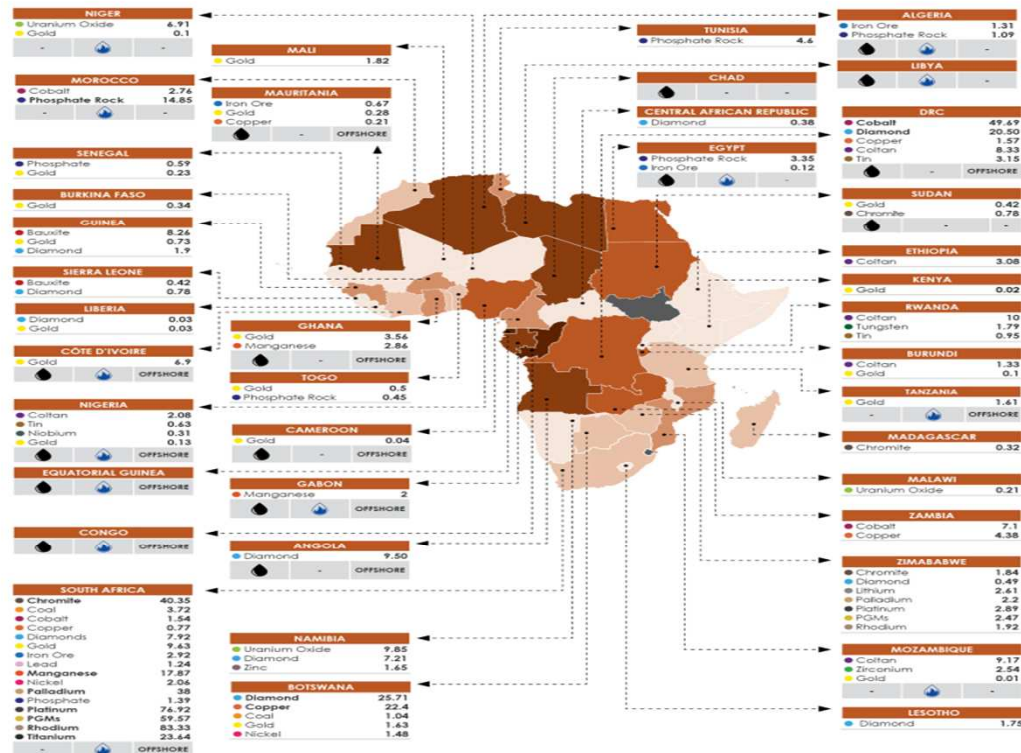
In bold: Resources that account for over 10% of global production

NATURAL RESOURCE RENTS AS SHARE OF GDP

50% or more	5% - 9.9%
25% - 49.9%	1% - 4.9%
10% - 24.9%	0% - 0.99%
No data	

COUNTRY	share of total world production %
Oil	OFFSHORE or not
Gas	OFFSHORE or not

Data Source: Raw Materials Group Database, 2012

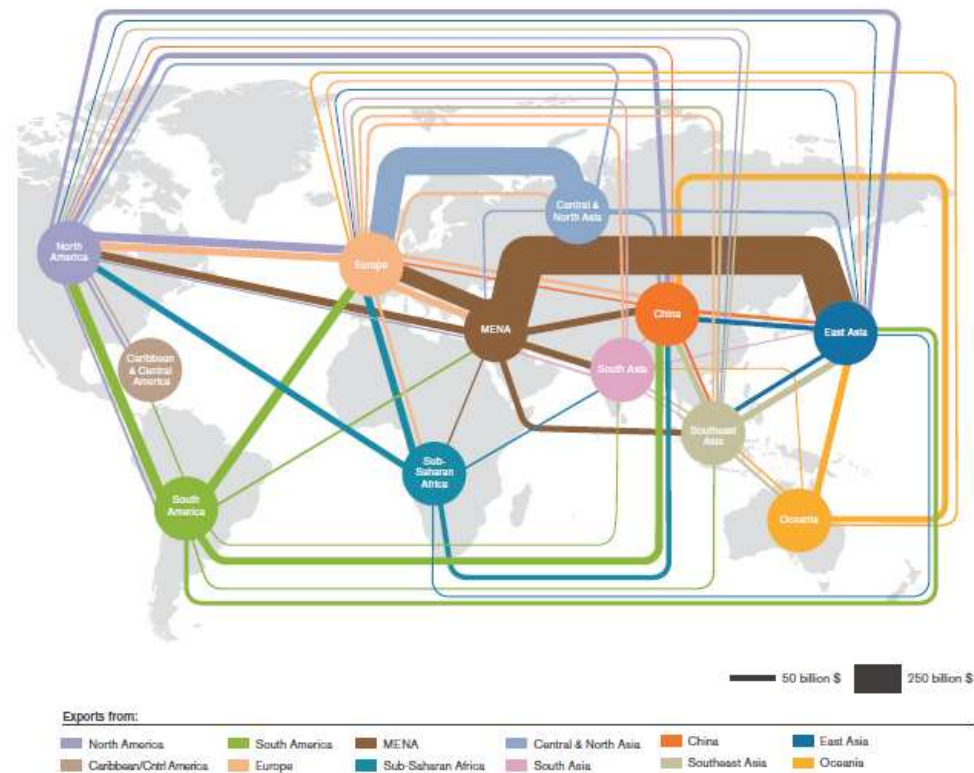


www.africaprogesspanel.org

AFRICA
PROGRESS PANEL

ECHANGES DE RESSOURCES

Figure 1.2: Resource trade between regions, by value, 2010



Sources: Chatham House Resource Trade Database, BACI, COMTRADE. Resource trade flows between regions worth more than 10 bn \$ in 2010.

PROBLEMATIQUE DE L'EAU

WATER: A CRITICAL CHALLENGE NOT ONLY FOR THE MDGS

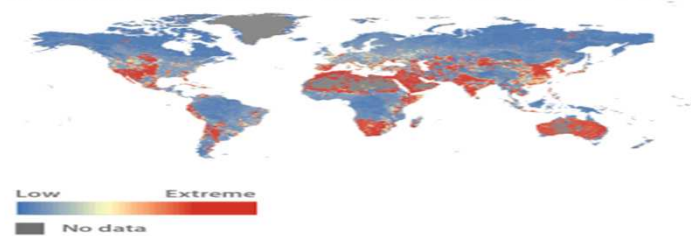
WITH SOME 340 MILLION PEOPLE LACKING ACCESS TO SAFE DRINKING WATER, AFRICA IS THE ONLY REGION NOT ON TRACK TO MEET THE MDG 7 TARGET.

Rapid urbanization plus the effects of climate change are putting increased stress on access to water and sanitation. Approximately forty per cent of Africans do not have adequate access to sanitation or water supplies. By 2020, between 75 and 250 million people in Africa may experience increased water stress.

Water insecurity also reduces agriculture output and increases the incidence of disease. In Africa, around 750,000 children under 5 years of age die every year from unsafe water.

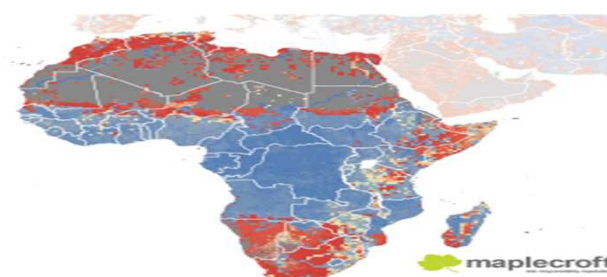
It is estimated that Africa loses US\$28 billion a year due to a lack of access to safe drinking water and adequate sanitation. The gender implications of water stress are profound. Women are more likely to be responsible for water collection. In parts of Africa, it takes 8 hours a day to find water leaving little time for education and paid employment.

Mean Annual Relative Water Stress Index *



* ratio of human water use to renewable water supply
Data sources: Maplecroft 2012; CIESIN, 2004; NIMA, 1999; WWDRIL 2000

WATER STRESS INDEX

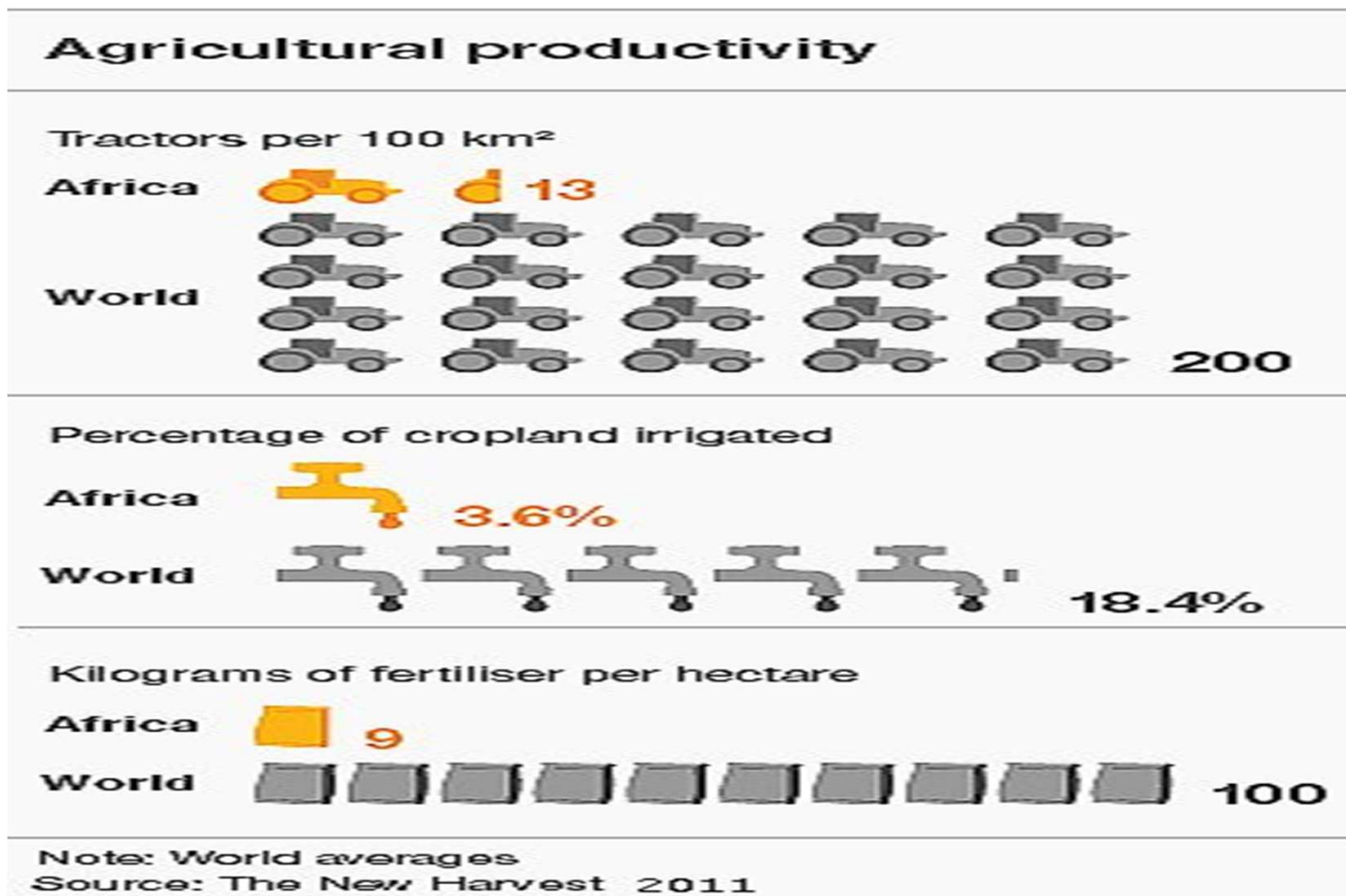


Water Stress Index: The Water Stress Index evaluates the ratio of total water use (sum of domestic, industrial and agricultural demand) to renewable water supply, which is the available local runoff (precipitation less evaporation) as delivered through streams, rivers and shallow groundwater. It does not include access to deep subterranean aquifers of water accumulated over centuries and millennia.

ACTION AREAS

- Need for concerted effort on the part of all stakeholders for a new approach to provide improved infrastructure, strengthened management of water resources and universal access
- Mobilise resources to reduce existing disparities between rural and urban settings and between different social groups
- Incorporate water improvements into economic development agendas
- Develop trans-boundary water agreements to reduce the probability of water-related conflicts
- Donors should swiftly replenish the Rural Water Supply and Sanitation Initiative (RWSSI) and the African Water Facility (AWF)

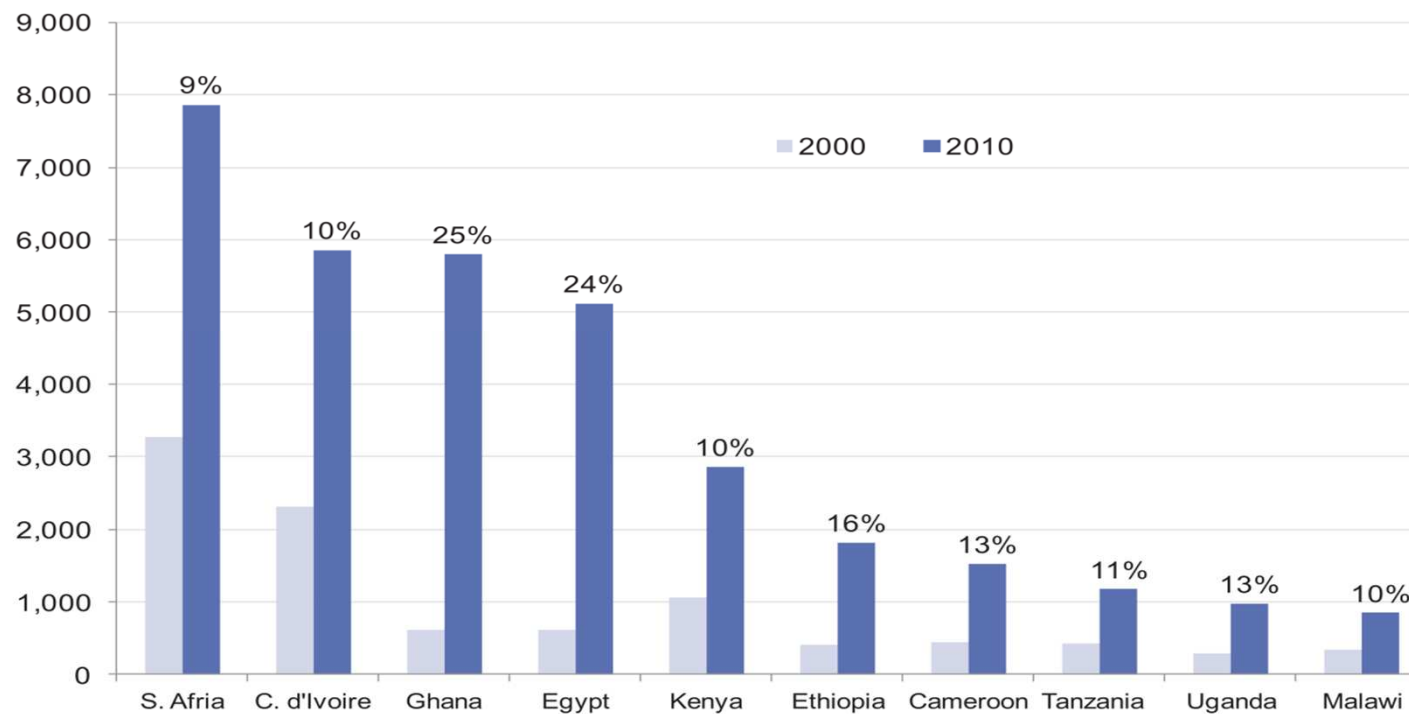
PRODUCTIVITE AGRICOLE



Africa_word_agricultural productivity_BBC

EXPORTATIONS DE PRODUITS AGRICOLES

Exports of agricultural products, 2000-2010 (and CAGR)



Source: WTO.

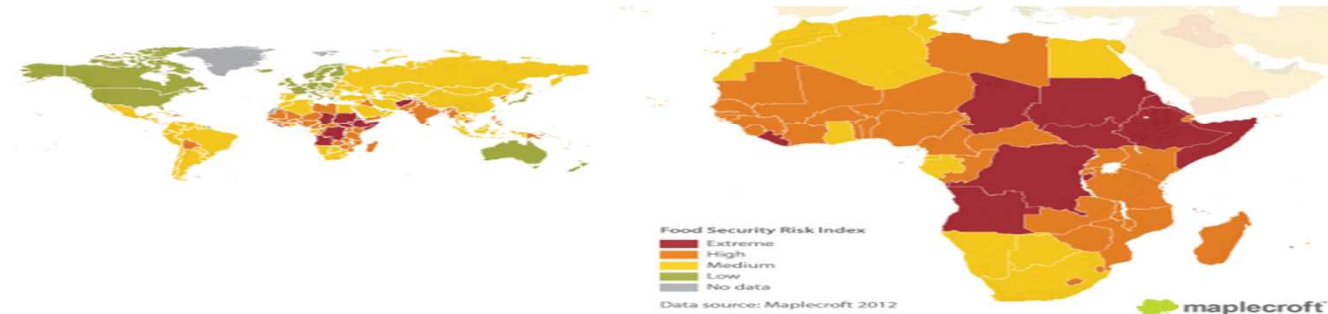
Goldman Sachs : Africa's turn 2012

SECURITE ALIMENTAIRE

FOOD SECURITY

THE RISK OF FOOD INSECURITY IS HIGHER IN AFRICA THAN IN ANY OTHER REGION DESPITE DIFFERENCES WITHIN THE REGION. THERE IS NOT A SINGLE COUNTRY WHICH IS RATED AS LOW RISK. IN SUB-SAHARAN AFRICA, OVER 200 MILLION PEOPLE ARE FOOD INSECURE.

FOOD SECURITY RISK INDEX



Maplecroft's Food Security Risk Index assesses the risk of food insecurity, providing quantitative assessments of access and availability of food and the stability of food production systems. The FSRI also comprises indicators to measure the nutritional outcomes of each country's relative food security.

ACTION AREAS

- Put smallholder farmers and agriculture productivity at the centre of national food security and nutrition strategies, with a focus on women farmers. Encourage youth engagement in agriculture throughout the value chain and work closely with the private sector
- Focus on social protection by providing cash or food during periods of stress, to enable rural producers to cope without compromising their long-term productivity or withdrawing their children from school
- Focus policies on household enterprises to reduce poverty and dependence on agriculture
- Ensure that Africa's land and water resources are sustainably managed to provide food and nutrition security and livelihoods
- Protect Africa's farmers against large-scale speculative land purchases
- Strengthen early warning and response systems for food security crises
- Renew and intensify commitment to improving food security and nutrition in Africa at the meetings of the G8 in the United States in 2012 and in the United Kingdom in 2013
- Develop risk management and adaptation systems to prepare for climate change. OECD-DAC donor countries should clarify how they will mobilise resources for the Green Climate Fund, with specific provisions for adaptation

ACQUISITIONS DE TERRES ARABLES EN AFRIQUE

The 21st-century African land rush

Worldwide, up to 115 million acres of farmland are leased to foreign investors, and the bulk of that is in Africa. Food security and the push to produce biofuels drive the land rush. This map shows a sampling of reported land deals in Africa.

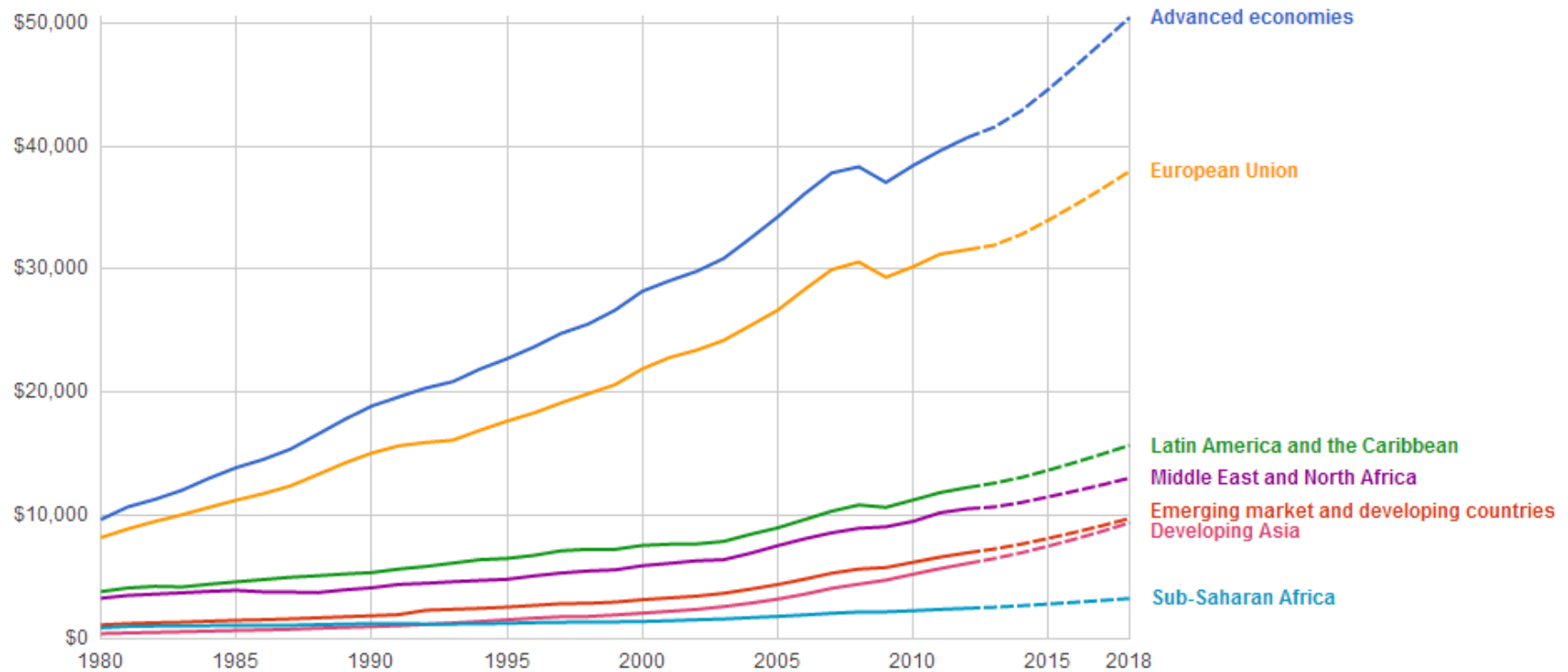


AGREGATS MACRO

ECONOMIE

PIB/HAB EN PPA

GDP based on PPP per capita GDP

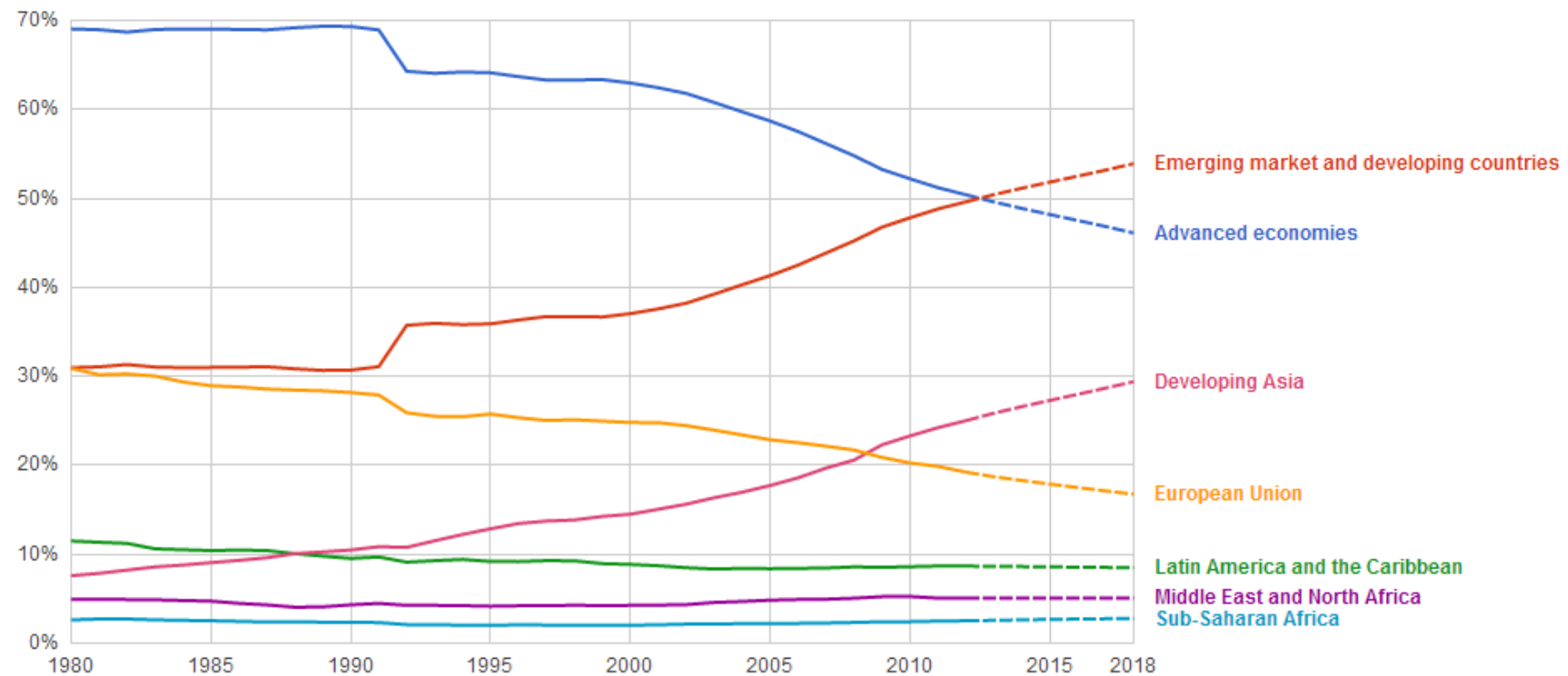


Data from [IMF, October 2013 WEO](#) Last updated: Oct 16, 2013

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PARTS DANS LE PIB MONDIAL

GDP based on PPP share of world total (%)

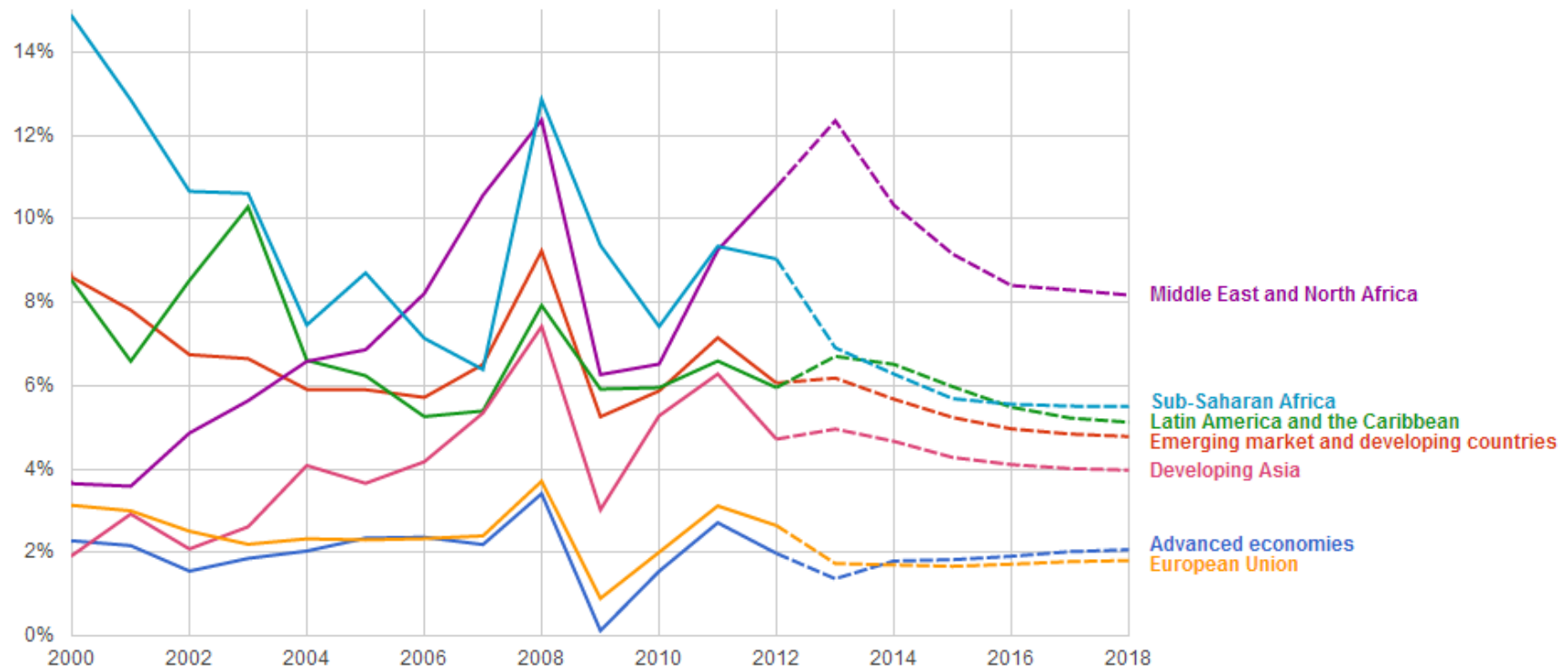


Data from IMF, October 2013 WEO Last updated: Oct 16, 2013

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INFLATION

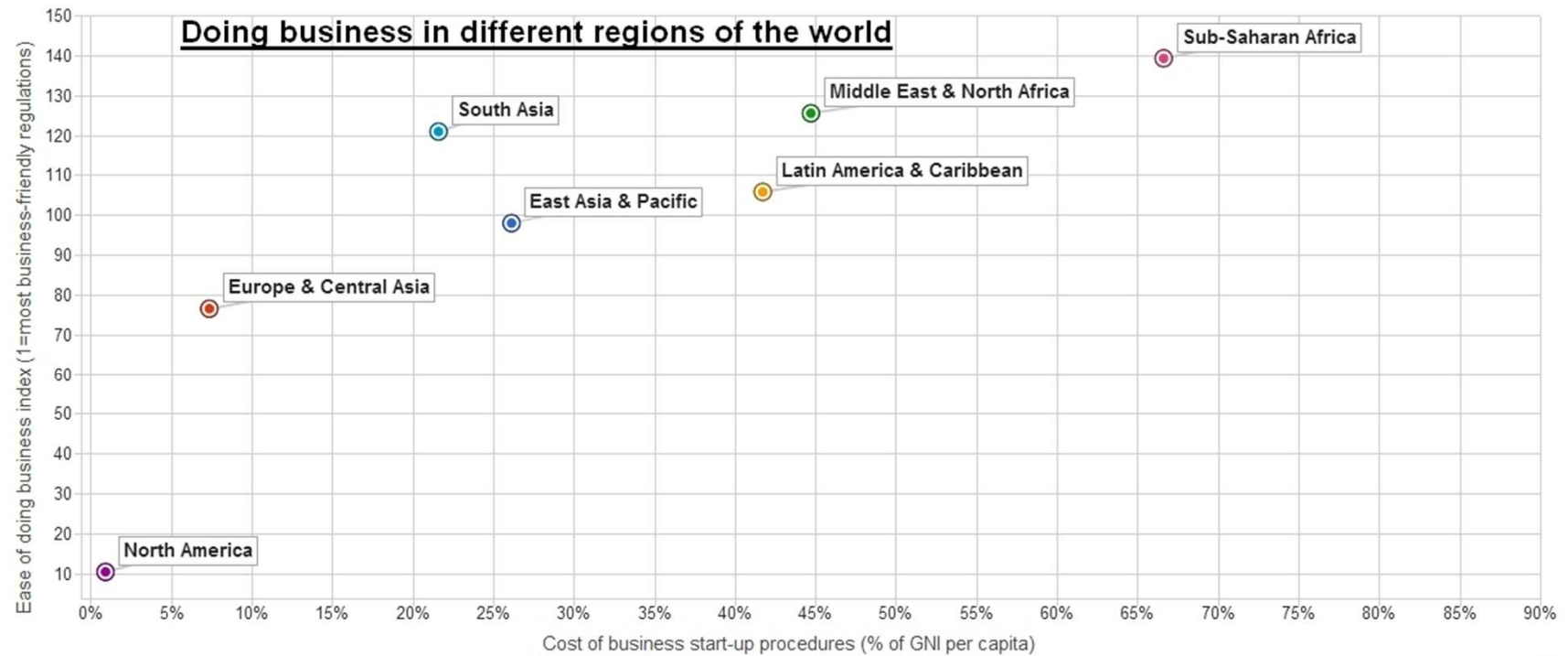
Inflation, average consumer prices (%)



Data from [IMF](#), [October 2013 WEO](#) Last updated: Oct 16, 2013

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CLIMAT DES AFFAIRES

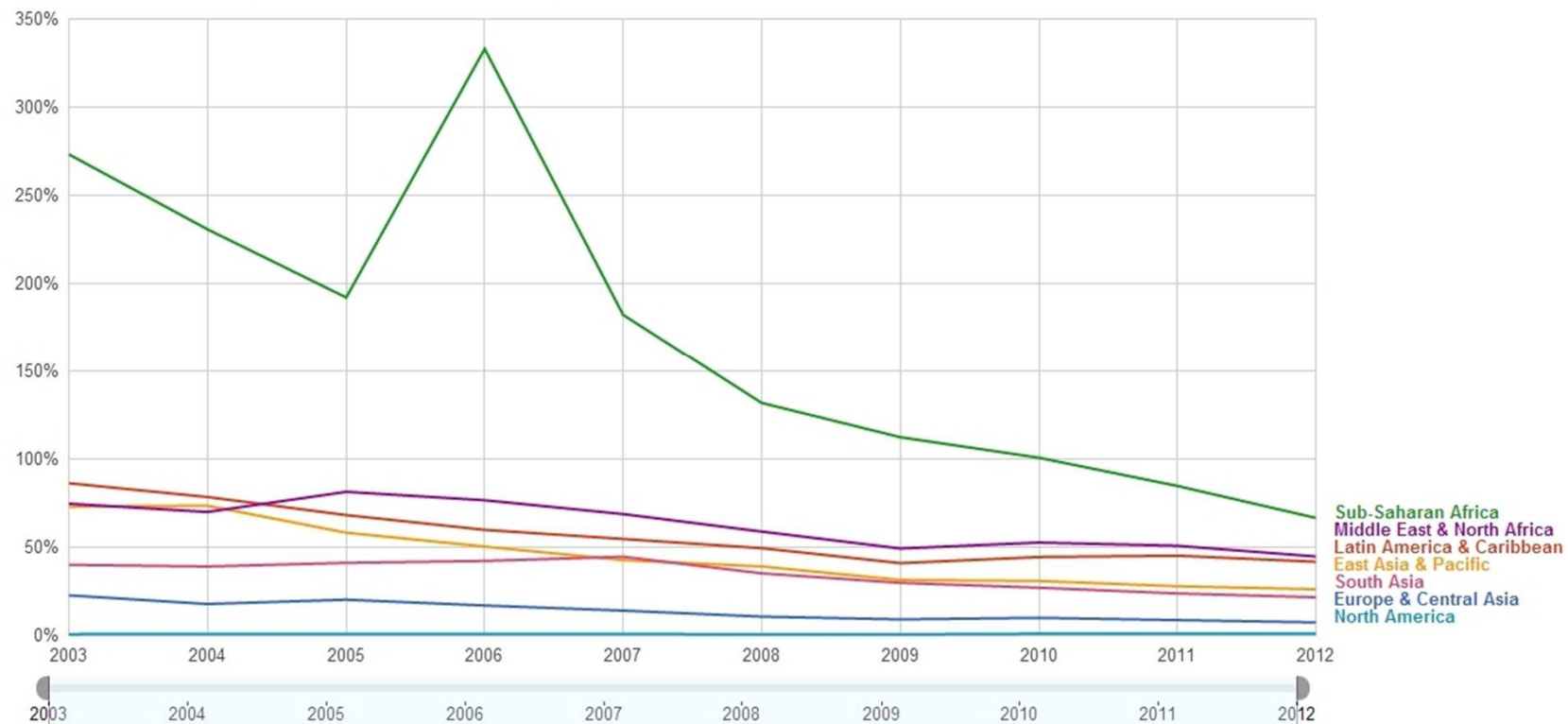


2012

Data from [World Bank](#) Last updated: Sep 8, 2013

COUTS DE CREATION D'ENTREPRISES

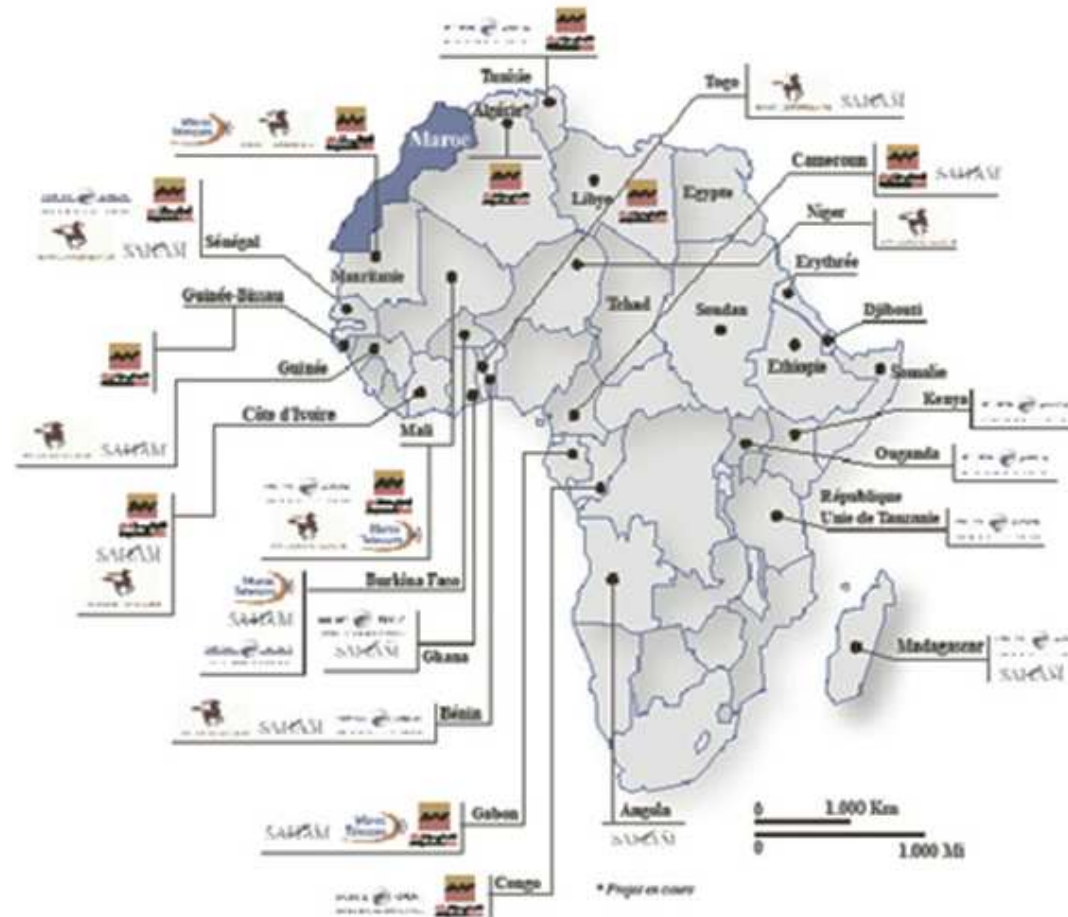
Cost of business start-up procedures (% of GNI per capita)



Data from World Bank Last updated: Sep 8, 2013

PRESENCE MAROCAINE EN AFRIQUE

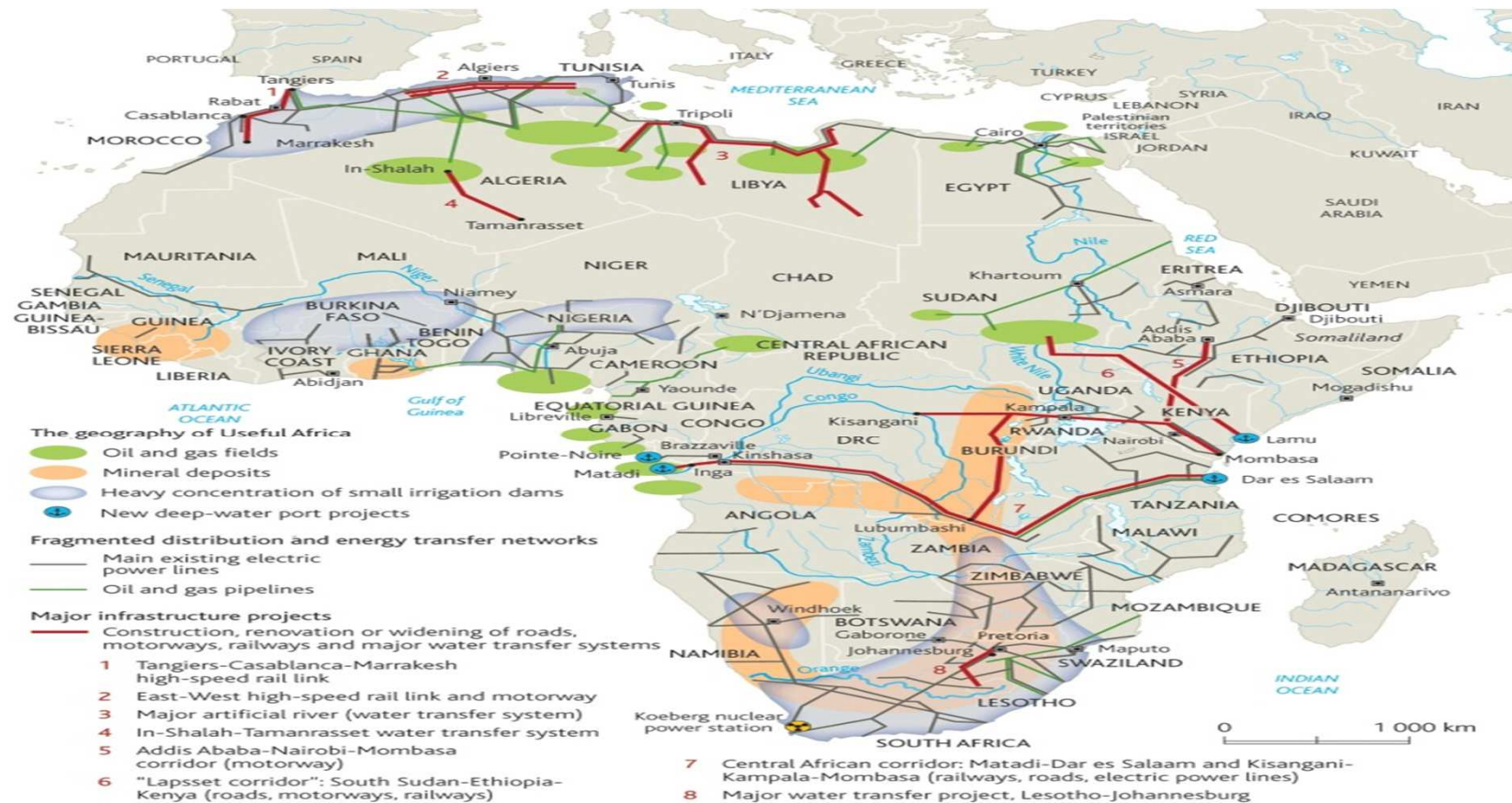
ENTREPRISES MAROCAINES EN AFRIQUE



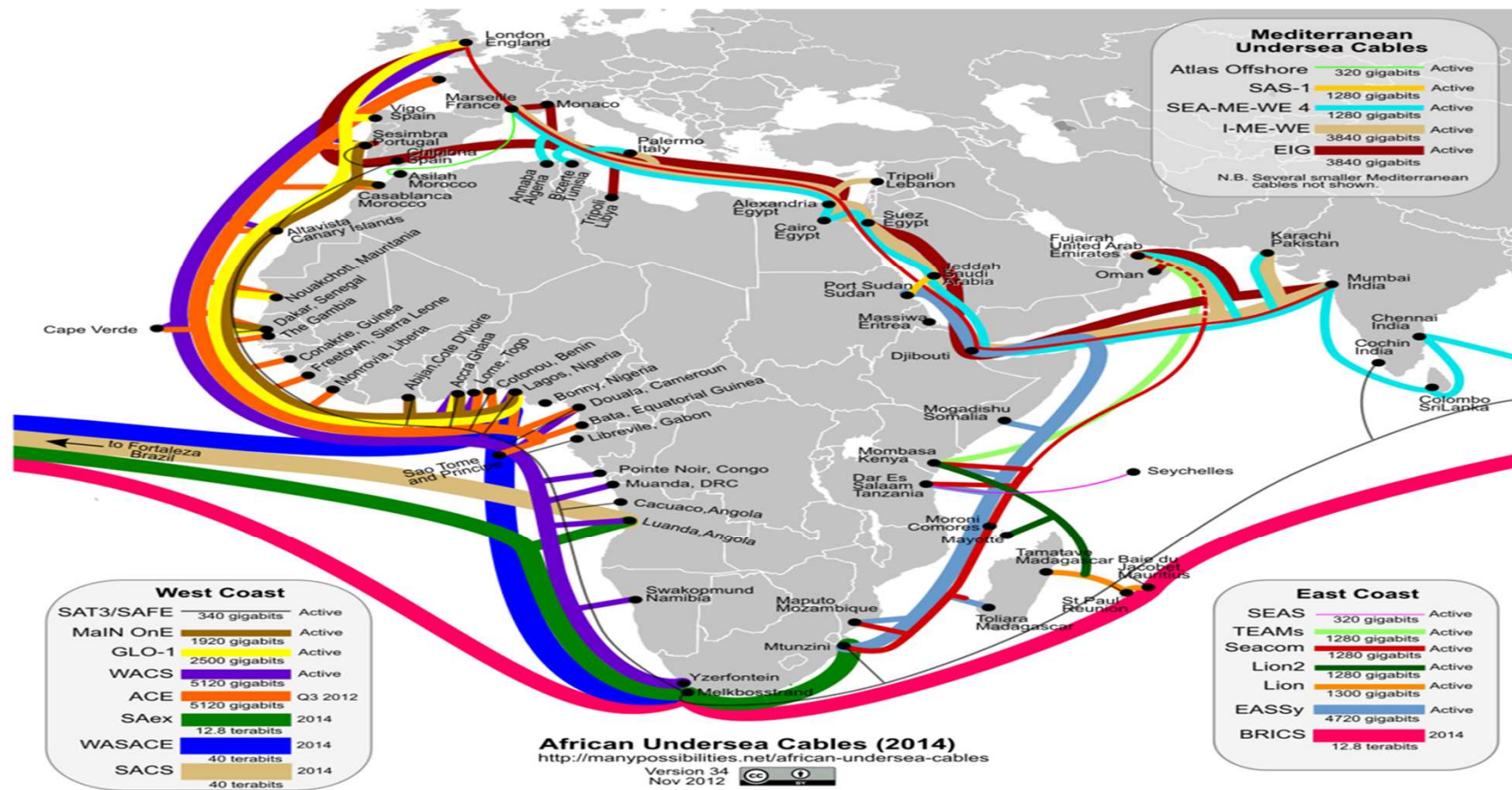
ELECTRICITE, ROUTES, AEROPORTS ET PORTS

INFRASTRUCTURES

PRINCIPALES INFRASTRUCTURES



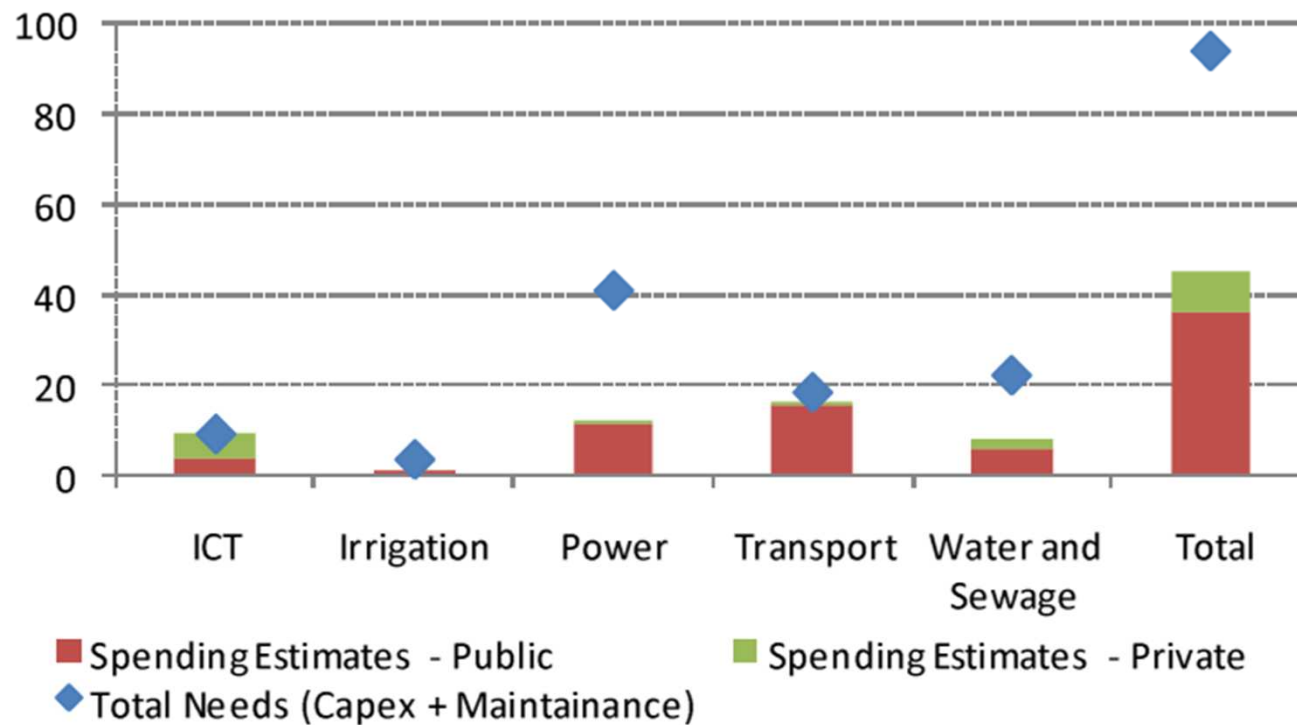
CABLES SOUS-MARINS



DEPENSES EN INFRASTRUCTURES

Africa Infrastructure Spending Needs vs Estimate

(\$ billion, annual)



Source : Facts reports 2012

DESTINATIONS AFRICAINES DE LA ROYAL AIR MAROC

1. ALGERIA
2. TUNISIA
3. LIBYA
4. IVORY COAST
5. GHANA
6. CAP VERT
7. MALI
8. NIGERIA
9. GUINEE-BISSAU
10. NIGER
11. BENIN
12. ANGOLA
13. SIERRA LEONE
14. CONGO
15. LIBERIA
16. GUINEE EQUATORIALE



17. CAMEROUN
18. BURKINA FASO
19. SENEGAL
20. GUINEE
21. REPUBLIQUE CENTRAFRICAINE
22. GAMBIE
23. MAURITANIE
24. CONGO
25. GABON
26. TOGO

CAPACITES PORTUAIRES

