Index

AAF-SAP. See UNECA Alternative	characteristics of African firms,
Framework to Structural	446–448
Adjustment Programme for	corruption and participation in
Socio-Economic Recovery and	governance, 339
Transformation (AAF-SAP)	corruption and participation of
Abortion, 119	private sector, 337–338
Absolute poverty, 165–166	corruption and propensity to
Abuja Declaration (2001),	investment, 338–339
276–277	debt-to-GDP ratio, 14
Accelerated Development in Sub-	economic development, 112
Saharan Africa: An Agenda for	economic performance, 158–159
Action. See Berg Report	economies, 159
Conundrum	effect, 4, 16
Accountable public institutions, 483	efforts to reducing fertility levels in,
Accumulation, 325	123
Acquired immune deficiency syndrome	fertility, 117–118
(AIDS), 124, 262	governments, 123
"Active" industrial policies, 439	GPI in, 158–161
Adaptation, 94, 102-103, 105	greenhouse gas emissions, 93-94
Addis Ababa, 416	history, 64–73
Addis Ababa Action Agenda, 378	industry, 427-428
Administrative factor, 176	innovative finance in, 377–391
Adult literacy, 288, 302–303	long rivers, 61
Advance market commitments,	and MDGs, 510-511
381-382	population growth, 115–117
Advanced-level democracy, 236–237	population trends and human
AELG. See African Energy Leaders	welfare, 116–117
Group (AELG)	rising narrative, 497-498, 502
AERC. See African Economic Research	and SDGs, 511-512
Consortium (AERC)	state of, 430–433
AfCFTA. See African Continental Free	sustainable social enterprises, 388
Trade Area (AfCFTA)	underdevelopment, 17
AfDB. See African Development Bank	Africa Adaptation Gap Report, 100
(AfDB)	Africa Clean Energy Corridor, 409
Africa, 60	Africa Industrialization Day, 426
Africa-EU roadmap for 2014–2017,	Africa Infrastructure Country
426	Diagnostic study (AICD study),
Africa-EU Energy Partnership, 407	395
African Union, 122	Africa Progress Report (2015), 397

Africa Renewable Energy Initiative	framework for understanding
(AREI), 409	transformation, 352–354
Africa's Agenda 2063, 93-94, 319, 377,	greater participation and vibrancy in
398, 426, 512	agricultural factor markets,
African Continental Free Trade Area	365-366
(AfCFTA), 426, 441, 512-513	increasing reliance on imported
African Development Bank (AfDB),	staple foods, 369–370
389, 395, 434, 463	increasing vulnerability to climate
African Economic Research	variability, 368
Consortium (AERC), 232	indicators of agricultural growth and
African Energy Leaders Group	poverty reduction, 351
(AELG), 409	positive rates of agricultural
African industrialization. See	productivity growth and poverty
Industrialization in Africa	reduction, 357–359
African Manufacturing, 427–430	rising proportion of rural people
nature and features, 433	farming on degrading land,
African National Congress (ANC), 72	366-368
African population growth elements,	salient trends affecting trajectories of
115	354
African population trends and	shifts from labor force to nonfarm
human welfare, 116–117	employment, 360–365
African Renewable Energy Initiative,	SSA per capita GDP, 349–350
402	urbanization and urban population
African Union Commission (AUC),	growth, 356–357
319, 417, 514	Agricultural/agriculture, 352–353, 365
Agenda 2063 of African Union. See	economy, 140-142
Africa's Agenda 2063	external value chain finance, 391
Agenda for Sustainable Development	factor markets, 365–366
(2030), 158	financing arrangements, 389
Agent risk in mobile money, 383	internal (within chain) value chain
Agglomeration effects, 78–79	finance, 390-391
Aggregator credit, 390	occupations, 308
Agrarian society, 116	policy reforms, 358
Agri-food system, 352n3, 353	productivity growth, 352, 357–359
transformation, 357	value chain, 388–389
Agricultural Survey (1996), 141	Agronomic field trials, 82
Agricultural transformation, 349, 350,	AICD study. See Africa Infrastructure
352	Country Diagnostic study
Africa's rapid population growth,	(AICD study)
354-356	"Aid exit" strategy, 487
agri-food system transformation,	AIDS. See Acquired immune deficiency
driven primarily by local	syndrome (AIDS)
investment, 357	"AIDS-orphans", 125
commercialized African investor	Alienation or exclusion theme, 136
farmers, 359–360	Altruism, 454-455, 463-464, 466

BBOXX, 410 ANC. See African National Congress Behavior(al) (ANC) Ancestral ethnic hatreds, 186 characteristics of leadership, 318 Anglophone, 34–35 leaders, 326 Angola, 35 Beneficiaries, 136 kingdom, 67 Benefit-enhancing corruption, 335 Benefit-reducing corruption, 335 Animist beliefs, 216 Benevolent dictatorship, 198 practices, 215-216 Berg Report Conundrum, 507 ANPA. See Association for Nigerian and SAP, 507-508 Physicians Abroad (ANPA) Berlin Conference, 70 APRM, 510 Bharat Nirman Rural Infrastructure AR5. See Fifth Assessment Report Programme (2005), 160, 175 - 176(AR5) Arab slave trade, 68–69 Biafra movement, 203 AREI. See Africa Renewable Energy Bilateral donors, 123 Initiative (AREI) Bilharzia, 261 Artificial intelligence, 158 Bilharziasis, 261 Asian Green Revolution, 352 Bill of Rights, 342 Asset finance, 391 Biodiversity loss, 95, 96 Assets Under Management (AUM), 386 Blended finance, 385–386 Assimilation, 70, 72 to catalyzing investment, 411-412 Association for Nigerian Physicians See also Digital finance Abroad (ANPA), 471 Bourgeois, 220 Atomistic homogeneity, 189 Bouteflicka, Abdelaziz, 509n4 AUC. See African Union Commission Brain drain, 127, 305, 334n7 Bribe, 334, 336–337 (AUC) BRICS, 427 "Augmented Washington Consensus", 231 - 232New Development Bank, 414 British colonial administration, 35 AUM. See Assets Under Management **Brookings Institution**, 434 (AUM) Austrian government, 210 Buddhism, 216 Autocratic Buganda kingdom, 67 Bunyoro kingdom, 67 disaster, 163 Bureaucracy, 322-323 regimes in Africa, 482 Average manufacturing-agriculture Bureaucratic corruption. See Petty labor productivity ratio, 427 corruption Bureaucratic tradition, 88 Balanced growth, 15 Bambuti of Ituri forest, 68 C10 (Committee of Ten Finance Bantu migration, 66 Ministers and Central Bank "Basic capability failure", 135 Governors), 511 Basic needs, 42, 44, 50 CAADP. See Comprehensive Africa Agriculture Development Basketry, 68 "Batesian" urban-biased framework, 232 Programme (CAADP)

CAP. See Common African Position	Civil war, 186, 202
(CAP)	financing of rebellion, 202-204
Capabilities, 135, 151–153	policy implications, 208–210
to function, 137	quantitative empirical evidence,
Capacity deficits, 412–413	204-208
Capital	Clan-based structure of societies,
expenditures, 484	217
flight, 334 <i>n</i> 6	Clean Development Mechanism
flows, 486	(CDM), 384
CAR. See Central African Republic	Clean energy, 398
(CAR)	Climate
Carbon	climate-related disasters in Africa, 98
finance, 384–385	climate-sensitive vectors, 95–96
fund operator, 384	finance, 412
Carbon dioxide (CO ₂), 43	increasing vulnerability to climate
Career choices across regions, 310	variability, 368
Catholicism, 221	resilience, 105–106
CDB. See China Development Bank	variability, 93–94, 104, 107
(CDB)	vulnerability, 104
CDC. See Common-wealth	Climate change, 94–99
Development Corporation (CDC)	in Africa, 99–105
CDM. See Clean Development	capacity, 101–103
Mechanism (CDM)	climate vulnerability and readiness,
Central Africa, 23	101
Central African Republic (CAR), 276	costs, 103–105
Central Bank, 83	vulnerability, readiness, and human
CER. See Certified emission reduction	development in Africa, 103
(CER)	Climate smart agriculture (CSA), 368
Certified emission reduction (CER), 384	Clothing, 42
Ceteris paribus, 276	Clusters, 435
Channel risk in mobile money, 383	Coal, 399–400
Charismatic churches, 216	COC. See Control of Corruption
Child-headed households, 125	(COC)
Children, 117	Coexistence, 215–216
nutritional status of children living	Collective action, 316
on commercial farms, 145–146	Collective remittances, 457, 465–466,
China Aid, 406–407	470
China Development Bank (CDB), 407	Collective self-governance, 510
Chinese-led Africa Growing Together	Colonial
Fund (AGTF), 414	education neglect in colonial Africa,
Cholera, 278–279	288–290
Christianity, 216, 223	experience, 32–35
Chronic diseases, 259–260	legacy, 16
Civil Law, 83	policies, 70
Civil service institutions, 43	Colonialism, 34, 71
Civil 501 vice montanons, 73	Colomanom, 57, 71

Commercialized African investor	Corruption, 331, 333, 335–336
farmers	controlling, 340–342
changes in farm structure, 361–362	governing process, 334–335
rising of, 359–360	government impunity, 331–332
Common African Position (CAP), 426,	impacts on African economies,
511-512	337-339
Common Law, 83	pervasive in country, 332–333
Common-wealth Development	Corruption Perceptions Index (CPI),
Corporation (CDC), 207	332
Community	Cost-benefit analysis, 82, 294
level, 121–122	Cost-enhancing corruption, 335
participation, 135, 176	Cost-reducing corruption, 335
Competitive fertility, 117	Counterintuitive relationship,
Competitive tenders for grid-connected	116-117
renewable energy, 409	CPI. See Corruption Perceptions Index
Complex non-monetary transfers, 195	(CPI)
Comprehensive Africa Agriculture	CPP. See Convention People's Party
Development Programme	(CPP)
(CAADP), 510	Credit constraints, 437
CAADP/Maputo Declaration	Critical skills shortages, 435–436
principles, 358	Criticism, 135
Congo kingdom, 67	Cross-country
Congo/Zaire basin, 61	regression analysis, 49
Constitution, 340	research, 479
Consumption, 452, 454, 456	Crude oil, 399–400
consumption-smoothing effects of	CSA. See Climate smart agriculture
remittances, 467	(CSA)
Contentious agricultural policy reforms,	Cuius regio eius religio principle, 219
358	Cultural phenomenon, 187–188
"Continent in Transition", 508	Culture, 16, 83–86
Contra-modernization, 136	Curbing illicit financial flows, 380–381
Contraception, 119	Customer and compliance risk in
effects, 119	mobile money, 383
prevalence rates, 123	
Control of Corruption (COC),	Dakar, call centers in, 79
233-234, 245, 340-342	DALYs. See Disability-adjusted life
Convention People's Party (CPP), 71	years (DALYs)
Conventional Barro-Lee dataset, 199	Darfur, 66
Conventional economic tools, 320	De facto land policies, 360
Conventional wisdom, 507	De-risking investments in grid-
Convergence, 411–412	connected energy, 414
Conversion, 221	Debt
COP21. See Paris Climate Conference	exit strategy, 486-487
(COP21)	management, 486-487
Copayments, 381–382	Decentralized associations, 217

Democracies, 16	Development in Africa
differences in role of identity politics,	in Africa's energy sector,
194-196	407-412
ethnic diversity effect in, 191	alliance, 323
multi-issue politics, 193–194	basic indicators, 24–26
single-issue politics, 191–192	blended finance, 385–386
Demographic and Health Survey	carbon finance and payments for
(DHS), 360	ecosystem services, 384–385
Demographic/demography, 479	challenges facing impact investing in
age, 143	Africa, 386–388
bonus, 122	changes in illiteracy rates, life
dividend, 122	expectancy, birth rates, and
features of South African	infant mortality, 28-29
farmworkers, 142	classification based on colonial
gender, 142	experience, 32–35
household size and structure, 143-144	classification of African countries,
nationality, 144	27-35
transition theory, 118	cross-classification based on income
window of opportunity, 122	and region, 33
Development finance institutions	curbing illicit financial flows,
(DFIs), 385	380-381
Development leadership	development-induced inequality,
key issues in, 319–321	162-163
lessons for, 325–327	Diaspora bonds and sustainable
See also Leadership	investing, 388
Development policy and practice in	diversity and classification of African
Africa, 505	countries, 21–22
AfCFTA, 512–513	diversity of Africa, 22–27
Africa and Sustainable Development	experience of Africa, 497–498
Goals, 511–512	flows, 406
African and Millennium	governance, 233, 238
Development Goals, 510-511	impact investing, 386
Africans' Response to Global	income-based classification, 30–32
Financial Crisis, 511	innovative options to, 380
Agenda 2063, 512	leaders, 321
Berg Report Conundrum and SAP,	mobile/digital money,
507-508	382-383
developmental state and economic	paradigm, 134
transformation, 513–515	policy choices, 498
initiatives of AUC and UNECA and	scatter plot of life expectancy, infant
PRSPs Conundrum, 508	mortality, and income in Africa,
Lagos Plan of Action, 506–507	27
NEPAD and APRM, 509–510	state guarantees, advance market
Post-independence development	commitments, and co-payments,
strategies, 505–506	381-382

Developmental state, 513–515	Dynamic individuals, 223, 226
case of, 321	Dysfunctional politics, 191, 208
development alliance, 323	dictatorship, 196–198
embedded autonomy,	empirically testing hypotheses,
322-323	199-202
explicit development ideology,	effect of ethnic diversity in
321–322	democracies, 191–196
long-term policy consistency,	testable hypotheses, 198–199
324–325	testable hypotheses, 150 155
policy coherence and coordination,	EAP. See East Asia and Pacific (EAP)
323	Earn money, 382
DFID. See UK Department for	East Africa, 27, 30, 32, 35–36, 65
International Development	East Asia and Pacific (EAP), 498
(DFID)	average annual growth performance,
DFIs. See Development finance	499, 501–502
institutions (DFIs)	deindustrialization effects, 501
DHS. See Demographic and Health	sectoral composition, 500, 502
Survey (DHS)	East Asian economies, 428, 435
Diarrhea, 261	East Asian Tigers, 321, 440
Diasporas, 186	East-central Africa, 67
bonds, 380, 388	Ebola virus, 280
Dictatorship, 196–198	ECI. See Economic complexity index
Digital finance, 382, 411	(ECI)
adoption for energy, 411	Econometric models, 16
See also Blended finance	Economic complexity index (ECI),
Disability-adjusted life years (DALYs),	169 <i>n</i> 14
272	Economic development, 40, 44, 96–98,
Disease(s)	111-112, 124, 162, 232-233, 320
of affluence, 272	in Africa, 3, 41
and economic security,	Africa's development experience,
270-278	4–13
Disguised unemployment, 128	basic indicators, 9–11
Disruptive technology, 158	equation, 162–163
Distribution, 163	experience of Africa, 498
distribution-neutral growth, 163	fertility levels and, 117–123
effect, 165 <i>n</i> 11	growth, 41–42
Diversity of Africa, 22, 22–27	happiness measures, 52
Domestic "policy inadequacies and	health and, 257–281
administrative constraints",	high growth era and commodity
507	
Domestic production growth, 370	super cycle, (2011–2018), 503–504
Dominance, 23, 188	human development as measure of
Dominant ethnic group, 194	economic development, 45–48
Drinking water, 176	immediate post-independence era
Droughts, 402	(1960-1985), 499-500

improvement in quality of life,	Economic(s)
42-43	analysis, 157
income inequality, growth,	approach to religion, 216
happiness, and poverty,	crisis, 128, 272
53-54	decisions, 216
income inequality measures,	and development outcomes, 234
46-50	disease and economic security,
indicators of development in SSA	270-278
and other regions, 12	diversity in Africa, 22-27
lingering neoliberal policy and	economic/development outcomes,
commodity super cycle era	232
(1996-2010), 502-503	economic freedom (EF), 235–236
measurement, 44–52	factor, 176
migration and, 126–128	group-level conversions, 217–220
need for, 13–15	individual-level conversions,
poverty measurement, 50–51	220–227
principal messages, 15–17	inequality, 158
quality of life as measure of	institutional quality measures,
development, 44–45	239–249
SAP Era (1986–1995), 500–502	institutions, 234
structural transformation,	liberalization, 482
43–44	management, 186
See also Sustainable development in	policy coherence, 238
Africa	political instability (PI), 238–239
Economic freedom (EF), 234–236	political institutions, 236–239
Economic growth, 44, 112, 123–126,	of religious conversion in Sub-
161, 166–167, 259	Saharan Africa, 215
intensity of temperature impact on,	retrogression, 478
97	sophistication-induced growth-
Economic performance, 112–113, 196	inequality nexus, 169–170
of Africa, 77	transactions, 226, 349
human capital and biased	transformation, 513–515
technological change, 79–80	underdevelopment, 111–112
infrastructure investment and	welfare, 233
agglomeration effects, 78–79	Economists, 215–216
institutions and culture, 83–86	Economy, 162
	•
organizations and management practices, 81–82	economy-wide structural adjustment, 358
Economic Planning Board (EPB), 323	innovative finance benefits to, 380
Economic Planning Unit (EPU), 324n7	Educational/education, 123, 128,
Economic Report on Africa (ERA),	148–149, 258, 287
514-515	attainment, 308
Economic theory, 191	career choices across regions, 310
of education and growth,	crisis in Africa, 301
294—297	deepening, 298

and development in Africa, 293–294	Electrification, 176
economic theory of education and	on household, 398
growth, 294–297	rate, 396
educational crisis in Africa, 301–303	Elephantiasis, 262
educational policy in Africa,	ELF. See Ethno-linguistic
303-307	fractionalization (ELF)
enrolment and literacy, 301–303	Emancipation from customary norms
evolution and transformation, 288	perceived as oppressive,
and future economic growth in	221–222
Africa, 299–301	Embedded autonomy, 322–323
improvements, 303	Empirically testing hypotheses,
levels, 89, 142	199–202
macroeconomic impact of,	Employment, 41
297—299	generation, 122
neglect in colonial Africa, 288–290	opportunities, 291
net enrolment rate, 292–293	Ending aid dependency, 491
policy implications, 308–309	Energy
policy in Africa, 303–307	efficiency, 398
post-independence period,	infrastructure, 397
290–293	Energy conundrum, 395
role in economic growth and	coordination of regional activities,
development, 297	417
services, 42	and development, 397–398
widening, 298	flexible renewable energy
Educators, 288, 308	technologies, 415–416
Effective contract enforcement	green energy infrastructure, 416–417
mechanisms, 217–218, 221	increasing pipeline of investible
Effective corruption-control program,	projects, 416
340	recommendations, 413–417
Efficiency	satisfactory regulatory frameworks,
costs of redistributive pressures,	415
225–227	universal energy access through
of financial flows, 379	innovative financing, 414
of resource use, 489–490	See also Financing energy
Egyptian civilization, 65	development
EIEC. See Executive electoral	Energy resources in Africa, 398
competitiveness (EIEC)	electricity consumption, 401
El Niño phenomenon, 95	electricity production, 401
Elasticity	primary energy, 399–400
frameworks, 168	production and consumption trends,
growth elasticity of poverty, 167	398–399
income elasticity of poverty, 172	renewable energy capacity, 401-403
inequality, 174	secondary energy, 400–401
Electors, 191–192	share of renewables in electricity
Electricity, 147, 396	production, 402
• • •	▲

Energy sector, 398	EPB. See Economic Planning Board
adoption of digital financing for	(EPB)
energy, 411	EPI. See Expanded Campaign on
in Africa, 407	Immunization (EPI)
blended finance to catalyzing	EPU. See Economic Planning Unit
investment, 411–412	(EPU)
challenges in, 412–413	Equalization, 162
competitive tenders for grid-	Equatorial Guinea, 8
connected renewable energy, 409	Equilibrium population trap, low-level
developments and innovations in,	114
407–412	Equity, 325–326
inadequacy of national energy	ERA. See Economic Report on Africa
policies, plans, laws, and	(ERA)
regulatory mechanisms, 413	Eritrean Liberation Front,
inadequate soft and hardcore	203–204
capacities, 412–413	ESTA. See Extension of Security of
new actors, 407–409	Tenure Act (ESTA)
poor governance in energy sector,	Ethnic, 185–186
413	differentiation, 186, 188, 198
private sector energy deals in Africa,	dominance, 188
408	fractionalization, 205–206
ring-fenced financing for rural	group, 186
electrification, 409–410	hatreds, 208
scarcity of funds for investments in	self-determination, 186–187
energy development, 412	Ethnic diversity, 16, 187
unprecedented growth in renewable	Civil war, 202–208
energy generation, 410–411	dysfunctional politics, 191–202
Enhanced productivity, 487–488	gaps, 187–191
increasing supply of productive	Ethnicity, 198
resources, 488	Ethno-linguistic fractionalization
raising efficiency of resource use,	(ELF), 188
489–490	index, 188
Enrolment, 301–303	European
Enterprise Unit survey, 433	colonization, 219
Entitlements, 138	electors, 194
Entrepreneurship (E), 81, 298	powers, 70
development, 163	European Community, 127
revolution, 78	Ex ante climate risk management, 368
Environment(al), 94–96, 136	Ex post coping strategies, 368
degradation, 95, 98–99	Exchange
governance, 106	markets, 483
situation in Africa, 99–105	rates, 483–484
sustainability, 99–101, 104–106	Exclusion, 98–99
unsustainable use of environmental	Executive branch of government
resources, 103–105	(XCONST), 237–238

Executive electoral competitiveness	median age at marriage and
(EIEC), 236–237	proportion marrying, 120
Expanded Campaign on Immunization	PRB, 118
(EPI), 270	proportion of currently married
Expenditures, 179	women age, 121
Explicit development ideology, 321–322	'Fetish' power, 219
Exploitation, 157	Fifth Assessment Report (AR5), 94
Export	Financial institutions, 389
controls, 489	Financial stability, 486
export-import bank of China, 407	Financial system, 485–486
processing zones, 435	Financing, 377
promotion, 15	of rebellion, 202–204
Extension of Security of Tenure Act	Financing agriculture in Africa, 388
(ESTA), 152–153	agricultural value chain, 388-389
External value chain finance, 391	agricultural value chain financing
Externalities, 15, 79, 198	arrangements, 389–391
Extra-legal income, 333-334, 336	Financing energy development, 403
	China Aid, 406–407
Family Planning 2020 (FP2020), 123	investment in electricity projects, 404
Family remittances, 462–463	overseas development finance,
Farm production growth, 370	405-406
Farming, 65	total external financing for Africa's
Farmworkers in South Africa, 139	energy projects, 403
data sources, 139	First Ten-Year Implementation Plan
demographic features of South	(2014-2023), 426
African farmworkers, 142–144	First-order equilibrium condition,
farmworker wage and income levels,	225-226
149-151	Fiscal policies, 177, 484
human capabilities of South African	FiTs. See Feed-in tariffs (FiTs)
farmworkers, 144–149	FNL. See Front National de Liberation
locating farmworkers within South	(FNL)
African labor market, 140–142	Followership, 318
Farmworkers within South African	Food, 42, 44
labor market, 140–142	production, 115
Feed-in tariffs (FiTs), 409	security, 95
Female enrolment rate, 288	Formal institutions, 83
Female-headed households, 125	Formal unemployment, 140
Feminization, 279	Formidable barrier, 438
Fertility, 115	Fourth Industrial Revolution (4IR), 426
efforts to reduce fertility levels in	retooling for, 441
Africa, 122–123	FP2020. See Family Planning 2020
fertility affect African economic	(FP2020)
development, 119–122	Fractionalization, 207
levels and economic development,	Fragmentation, 188, 190-191
117	Fragmented societies, 199

Francophone, 34–35	Governing process, 331, 334, 340–341
Free-market policies, 238	Government
French colony, 71–72	bureaucracies, 78
Front National de Liberation (FNL), 72	impunity, 331–332
Frontloading, 380	as saver, 490–491
Fundamental rights, 342–343	Government effectiveness (GOVEF),
<i>5</i> ,	233–234, 245
G8 Summit, 382	GPI. See Growth-poverty-inequality (GPI)
GDP. See Gross domestic product	Grand corruption, 336
(GDP)	Great Escarpment, 64
Gender, 142	Great Man" (Carlyle), 316
inequality, 433	Green energy infrastructure, 416–417
Gender gap, 8	Green Revolution" technologies, 353
Geo-economy, 60–64	Greenfield projects, 405
Geography, 16	Greenhouse gas emissions (GHG
GHG emissions. See Greenhouse gas	emissions), 398
emissions (GHG emissions)	See also Climate change
Ghibili, 63	Greenhouse gases, 93–95
Gigawatts (GW), 409	Greening industry, 441
Gini coefficient. See Gini index	Grid connection, 396
Gini index, 46, 49–50	Grid-connected renewable energy,
Glassmaking, 68	competitive tenders for, 409
Global Adaptation Index, 101–102	Gross domestic product (GDP), 4, 22,
Global Coalition for Africa, 490	39, 41, 96, 134, 140, 157, 276,
Global economic management, 158	353, 395
Global financial crisis, Africans'	MVA in, 431, 433
response to, 511	sectoral composition, 500
Global integration, 165	Gross national income (GNI), 22,
Global life expectancy, 296	112–113
Global multidimensional poverty index,	Gross national product (GNP), 4, 41,
102	138, 276, 300
Global value chains (GVCs), 427, 429	Group-level conversions, 216–220
Globalization, 158, 165	Growth, 41–42, 157, 167
responses to, 491	differentials, 480
GNI. See Gross national income (GNI)	effect, 165 <i>n</i> 11
GNP. See Gross national product	elasticity of poverty, 165–166
(GNP)	growth-enhancing "advanced-level"
Golden years of industrialization, 321	democracy, 236-237
Goods and services, 134	growth-induced poverty reduction,
GOVEF. See Government effectiveness	170-171
(GOVEF)	growth-oriented policy, 129
Governance, 82	and pro-poor growth phenomenon,
corruption and participation in, 339	158
indicators, 234	project, 232
institutions, 43	rates, 4–8

Growth and development, 4//–4/8	Health and economic development
background, 478-479	disease and economic security,
contributions to growth differentials,	270-278
480	ecology and epidemiological factor,
enhanced productivity, 487–490	259–263
framework for restarting growth,	environmental disease factor,
490-491	257-258
macroeconomic management,	health assessment, 263–270
483-487	human capital, 258–259
politics and institutions,	obscure success and lingering
479–483	problems, 278–281
Growth-poverty-inequality (GPI), 157,	Healthcare
165–166	in Africa, 267
in Africa, 158–161	services, 128
debacle, 175–176	system, 258
evidence from triangular nexus,	Hidden unemployment, 128
168-174	High growth era and commodity super
gap, 178–179	cycle, end of (2011–2018),
mutually reinforcing relationship,	503-504
174-179	High income, 31−33
stylized facts emerging from debates	High-level Work Programme on
on nexus, 161–167	Climate Change in Africa, 106
synergy, 174–175	Higher population density, 114–115
Growth-promoting policies, 174	Highly indebted poor countries (HIPC),
Guinea worm disease, 273	486, 508
GVCs. See Global value chains (GVCs)	Hinduism, 216
· · · · · · · · · · · · · · · · · · ·	
GW. See Gigawatts (GW)	Hispanophone, 34–35
	HIV. See Human immunodeficiency
Happiness measures, 52	virus (HIV)
Hawala-based transfers. <i>See</i> Informal bank transfers	HIV/AIDS, 258, 260–262, 273–275, 281
HCD. See Human capital development	Hometown affiliation, 461
(HCD)	Hometown associations (HTAs), 457, 459
HCI. See Human Capital Index (HCI)	Homo erectus, 65
HD. See Human development (HD)	Homo habilis, 65
HDI. See Human development index	Homo sapiens, 65
(HDI)	Hoover index, 50
Health, 40, 42, 44–46, 51,	Household size and structure, 143–144
258-259	Housing, 42, 176
adequate financing for, 270	and household services, 142,
assessment, 263–270	146-148
and education, 163	investments, 463-465
expenditure, 265–266	HPI. See Human Poverty Index (HPI)
indicators, 263	HTAs. See Hometown associations
investment, 259	(HTAs)
	()

Human capabilities of South African	IFIs, 507–508
farmworkers, 144	Illicit financial flows, 380
access to housing and household	curbing, 380–381
services, 146–148	Illiteracy rates, 288
education and literacy rates,	IMF. See International Monetary Fund
148-149	(IMF)
nutritional status of children living	Immediate post-independence era
on commercial farms, 145-146	(1960-1985), 499-500
Human capital, 79–80, 122–123, 258,	Immigration service, 83
295-297	Impact investing, 380, 386
resource, 126	challenges facing impact investing in
Human capital development (HCD),	Africa, 386–388
123, 125, 295	Import substitution (IS), 15, 434
requires special attention in Africa,	Import Substitution Industrialization
296–297	(ISI), 499
Human Capital Index (HCI), 295	implementation, 499n2
Human development (HD), 94–96, 136,	Imported staple foods, increasing
164, 233	reliance on, 369–370
assessment, 144–145	Incentive system, 340
as measure of economic	Inclusive growth calls, 174–175
development, 45–48	Inclusive process, 174
measuring poverty, 138–139	Income, 135, 151–153, 172,
social exclusion theory, 136–138	300-301
Human development index (HDI),	data, 133
45-46, 138, 233, 295	elasticity of poverty, 172
Human Development Indicators, 44	equality, 300
Human Development Report, 44–45	income-based classification
Human immunodeficiency virus (HIV),	of African Countries,
124, 262	30-32
Human population movement, 126	inequality, 46-50, 161, 169
Human poverty, 50	levels, 149–151
Human Poverty Index (HPI), 50	poverty, 50
Human welfare, 42, 116–117	poverty line, 50–51
Hypothetical social planning optimum, 196	supplements, 151
	Independent power producers (IPPs),
Ibo of Nigeria, 68	400, 402–403
Iconoclastic movement, 222	Index of electoral competitiveness
ICP. See International Conversion	(IEC), 236
Program (ICP)	Indicators
ICTs. See Information and	of development in SSA and other
communications technologies	regions, 12
(ICTs)	of growth, 4
Identity politics, 194–196, 339	Indirect rule, 35, 70
IEC. See Index of electoral	Indirect value chain finance. See
competitiveness (IEC)	External value chain finance

Individual-level conversion, 121–122,	Inorganic tertilizer, 368
216, 220	Input supplier credit, 390
efficiency costs of redistributive	Inspirational motivation, 318
pressures, 225–227	Institutional quality (IQ), 232, 239-249
emancipation from customary norms	Institutional/institutions, 43, 83–86,
perceived as oppressive, 221–222	479
religious conversion as way to opt out	deepening, 491
of traditional society, 223–225	and economic development, 231–233
Industrial	and implications for economic and
parks, 435	development outcomes, 234–249
policy, 438–439	politics and, 479–483
revolution, 395	reform, 487
transformation, 428	Intellectual stimulation, 318
Industrialization in Africa, 162, 415,	Inter-tropical converging zone (ITCZ),
425-426	61
case for, 427–429	Intergenerational wealth flows, 117
challenges confronting, 433–438	Intergovernmental Panel on Climate
recommendations, 438–442	Change (IPCC), 94, 368
state of Africa's industry, 430–433	Internal (within chain) value chain
Inequality, 98–99, 158, 161–162, 233	finance, 389
elasticities, 165–166, 172	Internal African economic activity, 69
Infant mortality rates, 263	Internal migration, 126–127
Infectious diseases, 270	International Conversion Program
Infectious respiratory ailments (IRAs), 261	(ICP), 42 <i>n</i> 7
Informal bank transfers, 460, 460n9	International Energy Agency, 414
Informal institutions, 83, 233	International Finance Corporation, 385
Informal sector, 78	International migration, 127
Information and communications	International Monetary Fund (IMF),
technologies (ICTs), 309	122, 279, 478, 500
Information law, access to, 332	International policy coordination, 210
Infrastructure, 160, 395	International remittances to Sub-
Infrastructure investment, 78–79	Saharan Africa, 451
Initial Public Offering, 388	Internet of things, 426
Initiatives of AUC and UNECA and	Interpersonal variability argument, 135
PRSPs Conundrum, 508	Intertemporal disparities, 234
Innovations in Africa's energy sector,	Intra-African imports and exports,
407-412	429n1
Innovative finance, 379, 397	Intra-African trade, 429, 441
benefits to economy, 380	Intra-household inequality, 163
broad categories of, 379–380	Investment
financing agriculture in Africa, 388–391	blended finance to catalyzing,
innovative options to finance Africa's	411–412
development, 380–388	corruption and propensity to,
ODA, 377–378	338-339
tax collection, 378-379	in health, 259

in infrastructure, 439	Kin group, 185–186
investible projects, increasing pipeline of, 416	KISA. See Kikuyu Independent Schools Association (KISA)
in skills and science and technology,	Knowledge, 50, 289
439–440	Kordofan, 66
"Investment climate" reform, 434	Kuznets curve, 161–162
Investors, 379	Kuznets hypothesis, 161
IPCC. See Intergovernmental Panel on	Kuznets theory, 168
Climate Change (IPCC)	Kuznets's hypothesis, 161–162, 169
IPPs. See Independent power producers	120 0 1 1 1 (120)
(IPPs)	L2C. See Learning to Compete (L2C)
IQ. See Institutional quality (IQ)	Labor, 298
IRAs. See Infectious respiratory	labor-intensive CSA practices, 368
ailments (IRAs)	labor-intensive sectors, growth in, 87
Iron smelting, art of, 66	labor-intensive systems, 129
Irrigation, 176	reference groups, 142
IS. See Import substitution (IS)	underutilization, 128
ISI. See Import Substitution	Labor absorption rate (LAR), 140
Industrialization (ISI)	Labor force, 128–129
Islam, 216, 221, 223, 309	man-hours worked concept, 294
Istanbul Programme of Action, 377	to nonfarm employment, 360-365
Italophone, 35	LAC. See Latin America and
ITCZ. See Inter-tropical converging	Caribbean (LAC)
zone (ITCZ)	Lagos Plan of Action (LPA), 478, 506–507
Japan's Ministry of International Trade	Land degradation, 99
and Industry (MITI), 321	Land management strategy, 368
Judiciary, 341	LAR. See Labor absorption rate (LAR)
institutions, 43	Latin America and Caribbean (LAC),
,	498
Kalahari deserts, 63	average annual growth performance,
Katanga movement, 203	499, 501–502
KCA. See Kikuyu Central Association	deindustrialization effects, 501
(KCA)	sectoral composition, 500, 502
Kenya African Union (KAU), 71	LCOE. See Levelized cost of electricity
Kenyan entrepreneurs, 227	(LCOE)
Key Indicators of Labor Market	Lead firm financing, 390
(KILM), 295	Leadership, 308, 315–317, 321
Keynesian frameworks, 157	behaviors, 318
Khamigin, 63	case of developmental state, 321–325
Kikuyu Central Association (KCA), 71	factors in effective, 316–319
Kikuyu Independent Schools	key issues in development, 319–321
Association (KISA), 71	
	lessons for development leadership in Africa, 325–327
KILM. See Key Indicators of Labor	· · · · · · · · · · · · · · · · · · ·
Market (KILM)	management vs. leadership, 317

Learning to Compete (L2C), 434	Malabo Declaration, 371
"Learning-by-doing", 489-490	Malaria, 260, 270, 274
Legislative electoral competitiveness	Malaria Control Strategy, 270
(LIEC), 236–237	Male enrolment rate, 288, 302
Legislators, 195	Malnutrition, 267
Leprosy, 262	Malthusian perspective, 114–115
Levelized cost of electricity (LCOE),	Malthusian population trap, 114
410	Management, 316
LIEC. See Legislative electoral	leadership vs., 317
competitiveness (LIEC)	managerial talent, 322
Life expectancy at birth, 263–265	practices, 81–82
Lighting Global, 411	Manufacturing value added per capita
Lignite, 399–400	(MVA per capita), 427, 430
Lindert-Williamson approaches,	percentage share, 430–431
169-170	for Sub-Saharan African Countries.
Lineage-based societies, 221–222	431-432
Lines of credit, 391	Marabouts renounced political,
Lingering neoliberal policy and	218-219
commodity super cycle era	Marginalization, 157
(1996–2010), 498–499, 502–503	Market
Literacy, 301–303	economies, 188
rates, 148–149, 300	incentives, 386
Livelihoods, 138	liberalization policies, 357
Local loyalties, 185–186	Marketing company credit, 390
Longevity, 50	Masquerades, 222
Lorenz curve, 49	Mass conversions, 219, 220
Low-income, 23	Maternal
Lower per capita income, 115	and child health, 122
LPA. See Lagos Plan of Action (LPA)	deaths, 265
Lunda Empire, 67	mortality, 265, 274
Lusophone, 34–35	Mbeki, Thabo, 509n4
Lymphatic filariasis, 262	MCH. See Mother and child health
	(MCH)
M-KOPA, 411	MDBs. See Multilateral development
M-Shwari, 382 <i>n</i> 9	banks (MDBs)
Macroeconomic impact of education,	MDGs. See Millennium Development
297—299	Goals (MDGs)
Macroeconomic management, 483	Measles, 260–261, 270
capital flows, 486	Mechanization, 365, 370
debt management, 486-487	Mediterranean climate zone, 63
exchange rates, 483–484	Medium-scale farms, 359–360
financial system, 485–486	MENA. See Middle East and North
fiscal policy, 484	Africa (MENA)
monetary policy, 484–485	Merdeka Aceh movement, 203–204
Macroeconomic reforms, 469	Meritocracy, 323

Mezzanine debt, 385	Mother and child health (MCH), 268
MFIs. See Microfinance institutions	Mozambique, 35
(MFIs)	MPI. See Multidimensional Poverty
Microfinance institutions (MFIs), 469	Index (MPI)
Microgrids, 410	MSMEs, 433
Middle East and North Africa	Mtoe. See Million tons of oil equivalent
(MENA), 259, 498	(Mtoe)
average annual growth performance,	MTOs. See Money transfer
499, 501–502	organizations (MTOs)
Middle income, 31–33	Multi-issue
Migrants	democracy, 198
and housing investments, 463–465	politics, 193–194
transfers, 456	Multidimensional poverty, 102, 104
transfers to families and origin	Multidimensional Poverty Index
savings, 452–453	(MPI), 51
Migration and economic development,	Multi-ethnic societies, 187
126–128, 66, 115, 466–468	Multilateral development banks
Millennium Development Goals	(MDBs), 404
(MDGs), 287, 378n3, 467,	Muslim, 216–217
510-511	merchant communities, 218–219
Million tons of oil equivalent (Mtoe),	Sufi orders, 217–218
398-399	Mutually reinforcing relationship,
Mineral resources, 62	174–179
Mini-grids solar systems, 398	MVA per capita. See Manufacturing
Minimum wage, 150	value added per capita (MVA
Minimum winning coalitions, 195	per capita)
Ministry of Finance and Economic	Mwenemutapa empires, 67
Planning, 508	Mycobacterium leprae, 262
Mirroring patterns from rural-urban	Mycobacterium tuberculosis, 261
migration, 455	,
MITI. See Japan's Ministry of	Namib deserts, 63
International Trade and Industry	NANC. See Nyasaland African
(MITI)	National Congress (NANC)
Mitigation, 94, 105, 107	"Nation building", 187–188
Mobile Network Organizations, 382	National Council for Nigeria and the
Mobile/digital money, 382–383	Cameroons (NCNC), 71
Modern education, 288	National Department of Agriculture
Monetary policy, 484–485	(NDA), 141
Money, 380	National Energy Plans (NEPs), 402
Money transfer organizations (MTOs),	National Food Consumption Survey
458–459, 469	(NFCS), 145
Monotheist church, 216	National Food Consumption Survey
Monotheistic religion, 216	(1999), 139
Mortality, 115	National Rural Employment Guarantee
and economic growth, 123–126	Programme (NREGP), 175 <i>n</i> 16

National self-governing units, 141–142	NGO. See Nongovernmental
Nationalism, 186–187	organization (NGO)
Nationality, 144	NIDO. See Nigerians in Diaspora
Nationally determined contributions,	Organization (NIDO)
108	NIE. See New institutional economics
Natural gas, 399-400	(NIE)
NCNC. See National Council for	NIEs. See Newly industrializing
Nigeria and the Cameroons	economies (NIEs)
(NCNC)	Nigeria, 452
NDA. See National Department of	Nigerian government, 470–471
Agriculture (NDA)	Nigerian policymakers, 471
NDP. See Net domestic product (NDP)	Nigerian Diaspora in development,
Neo-Malthusian formulation, 114	469–471
Neo-Malthusian perspective, 114–115	Nigerian National Volunteer Service
Neo-Marxist paradigm, 15	(NNVS), 470
Neoclassical development	Nigerians in Diaspora Organization
approach, 136	(NIDO), 471
economics, 137	Nitrogen, 366
paradigm, 134	NNP. See Net national product (NNP)
Neoclassical frameworks, 157	NNVS. See Nigerian National
Neoclassical tradition, 15	Volunteer Service (NNVS)
Neolithic South Sudan, 64, 73	Non-migrant wealth variable, 463 <i>n</i> 11
NEPAD. See New Partnership for	"Non-nitrogen" constraints, 366
Africa's Development (NEPAD)	Non-traditional approaches, 379
NEPAD Planning and Coordinating	Non-urban
Agency (NPCA), 509n5	areas, 143
Nepotism, 324	inhabitant, 146
NEPs. See National Energy Plans	workers, 151
(NEPs)	Nonfarm employment, labor force to,
Net domestic product (NDP), 41n5	360-365
Net national product (NNP), 41n5	Nongovernmental organization (NGO)
Net Primary Productivity (NPP), 366n6	122–123, 204
New institutional economics (NIE),	Nonmarket effects, 297
231–232	North Atlantic slave trade, 68
New Partnership for Africa's	Novel revenue streams, 379
Development (NEPAD), 378n3,	NPCA. See NEPAD Planning and
417, 509-510	Coordinating Agency (NPCA);
New Planning and Coordination	New Planning and Coordination
Agency (NPCA), 417	Agency (NPCA)
Newly industrializing economies	NPP. See Net Primary Productivity
(NIEs), 164	(NPP)
Nexus, stylized facts emerging from	NREGP. See National Rural
debates on, 161–167	Employment Guarantee
NFCS. See National Food	Programme (NREGP)
Consumption Survey (NFCS)	Nutritional indicators, 350
I	

Nutritional status, 139, 142 Organization of African Unity (OAU), of children living on commercial 303, 478, 506 farms, 145-146 Organizational transformation, leadership role in, 318 Nyasaland African National Congress Organizations, 81–82 (NANC), 71 ORT. See Oral rehydration therapy (ORT) Orthodox development paradigm, 134, 138 OAU. See Organization of African Unity (OAU) "Orthodox" approach, 478 Obasanjo, Olusegun, 509n4 Orthodoxy, 15, 208, 498, 505, 508-509, Obligatory levies, 379 ODA. See Official development Other official flows (OOFs), 405-406 assistance (ODA) Ottoman rule, 216-217 ODAs. See Overseas development Over-ambitious development programs, assistance (ODAs) OECD. See Organization for Economic Overseas development assistance Cooperation and Development (ODAs), 405-406 Overseas development finance, 405-406 (OECD) OECD-FAO. See Organisation for "Oxbridge", 305 Economic Cooperation and Oxford Poverty and Human Development-Food and Development Initiative (OPHI), 51 Agriculture Organization of United Nations (OECD-FAO) 'Pagan' power, 219 Off-grid solar systems, 398 Palma ratio, 50 Office National de l'Electricite' (ONE), 410 Pan-seasonal pricing, 489 Pan-territorial pricing, 489 Official development assistance (ODA), Panel Study of Income Dynamics of 22, 377-378, 381 "On-farm" workers, 139 American Families (PSID), 460n8 Onchocerciasis, 262 Paris Agreement's goal of limiting global warming, 398 ONE. See Office National de l'Electricite' (ONE) Paris Climate Conference (COP21), 416, OOFs. See Other official flows (OOFs) 441 - 442OPHI. See Oxford Poverty and Human "Passive" industrial policies, 439 Development Initiative (OPHI) Pay-As-You Go model (PAYG model), Opportunism, 332, 340 Opulence, 135 PAYG model. See Pay-As-You Go model (PAYG model) as well-being approach, 135 Oral rehydration therapy (ORT), 261 Payments for ecosystem services, Organisation for Economic 384 - 385Cooperation and Development-Pentecostal churches, 216 Food and Agriculture Pentecostalism, 225 Organization of United Nations People's cultures, 136 (OECD-FAO), 369 Per capita income, 8 Organization for Economic Performance of public duty, 335 PERG. See Programme d'Electrification Cooperation and Development (OECD), 45n9, 332n4, 463 Rurale Global (PERG)

Popular Front for the Liberation of
Saguia el-Hamra and Rio de Oro
(POLISARIO), 72
Population
census, 139
density-induced urbanization, 115
elements of African population
growth, 115–117
empirical correlations, 112-113
fertility levels and economic
development, 117–123
growth, 78, 112, 128-129
migration and economic
development, 126-128
mortality and economic growth,
123-126
policies, 123
population growth, labor force, and
unemployment, 128-129
below poverty line, 42
theoretical factors, 113–115
Population Committee of US National
Research Council, 124
Population Reference Bureau (PRB),
116, 119
"Pork barrel" politics, 195
"Positive checks", 114
Post-2015 Development Agenda, 426
Post-millennium development goal,
263-270
Post-independence period in Africa,
290-293
Postpartum amenorrhea, 119
Pottery, 68
Poverty, 42, 98–99, 111–112, 138–139,
161, 162, 172, 466–468
early debate, 134–135
farmworkers in South Africa,
139-151
human development, 136–139
income and capabilities, 151–153
levels, 138
measurement, 50-51, 134

Poverty Reduction Strategy Papers	Program for Infrastructure
(PRSPs), 508	Development in Africa (PIDA),
Power outage, 396	416, 510
PPP. See Purchasing power parity (PPP)	Programme d'Electrification Rurale Global (PERG), 410
PPPs. See Public-private partnerships	Progressive taxation, 177
(PPPs)	PRSPs. See Poverty Reduction Strategy
PQLI. See Physical Quality of Life	Papers (PRSPs)
Index (PQLI)	Prudent macroeconomic management,
PRB. See Population Reference Bureau	487
(PRB)	PSID. See Panel Study of Income
Pre-millennium development goal, 263–270	Dynamics of American Families (PSID)
Predatory dictatorship, 198	Public health, 270
Premature deindustrialization in Africa,	Public sector, 200
434	restraint, 490
"Preventive" checks, 114	Public-sector budgets, 397
Price controls, 489	Public-service effectiveness, and limited
Primary commodities, 159	corruption, 238
exports, 205	Public-private partnerships (PPPs),
Primary energy, 399–400	176, 380, 412, 414
Primary health care approach,	Purchasing power parity (PPP), 23, 31, 42
269, 280	PV appliances. See Photovoltaic
Primary school enrolment, 8 rates, 288	appliances (PV appliances)
Primary sector-driven economies, 169–170	QLFS. See Quarterly Labour Force Survey (QLFS)
Principal messages, 15–17	Quality of life
Private citizens, 335–336	improvement in, 42–43
Private consumption expenditures, 133	as measure of development, 44–45
Private equity investors, 388	Quantitative empirical evidence,
Private sector	204-208
corruption and participation of,	Quarterly Labour Force Survey
337–338 sustainable development of, 440–441	(QLFS), 139, 141 Quid-pro-quo arrangement, 454
weaknesses, 437–438	Quia-pro-quo arrangement, 454
Privatization, 281	R&D. See Research and development
Pro-poor growth, 158, 164	(R&D)
Process-driven constitution making, 340	Rainfall deficits, 402
Procrastica, 299	Rainforest crops, 62
Product risk in mobile money, 383	Randomized controlled trials (RCT), 82
Production function, 201, 298	Rapid population growth in Africa,
Production possibilities, 299	354-356
curve, 298	Rassemblement Democratique Africain
Productivity of R&D, 88	(RDA), 71

(RCT) Randomized controlled trials	insights from survey research, 458–466
RDA. See Rassemblement Democratique	from international migration, 461
Africain (RDA)	mirroring patterns from rural-urban
"Reactionary bourgeoisie", 268	migration, 455
Real per capita GNP, 41–42	policy debate on the role of
Realistica, 299	government transfer payments,
Reciprocal control mechanisms, 439	454–455
RECs. See Regional economic	recipients in SSA, 453
communities (RECs)	recipients in West Africa, 454
Redistribution, 162	reducing barriers and costs
Redistributive pressures, efficiency costs	associated with, 468–469
of, 225–227	remittances-to-GDP ratio, 456
Reform movement, 501	theoretical models, 452, 454
Regional activities, coordination of, 417	transfers, 456
Regional classification of African	Remittances-to-GDP ratio, 456
countries, 27, 30	Renewable energy, 398
Regional economic communities	capacity, 401–403
(RECs), 441	unprecedented growth in generation,
Regional Energy Initiatives in Africa,	410–411
420–423	Renewable Energy Independent Power
Regional integration within Africa, 441	Producer Procurement Program
Regulatory, supervision, and	(REIPPP), 405, 409
enforcement risk in mobile	Requests for proposals (RfPs), 409
money, 383	Research and development (R&D), 80,
Regulatory quality", 235	381
REIPPP. See Renewable Energy	productivity of, 88
Independent Power Producer	Response gaps, 101–103
Procurement Program (REIPPP)	Retooling for 4IR, 441
Relative poverty, 151, 158	Revisionists, 111–112
Religion, 215–216	"Revolutionary" propositions, 205
Religious conversion as way to opt out	RF. See Religious fractionalization
of traditional society, 223-225	(RF)
Religious fractionalization (RF), 206	RfPs. See Requests for proposals (RfPs)
Religious group, 186	Rigged exchange rates, 489
Remittances in Nigeria, 451–452,	Ring-fenced financing for rural
466-468	electrification, 409-410
collective, 457, 465-466	Risk underwriting, 385
empirical studies on the economic	River blindness. See Onchocerciasis
linkages, 454	Roads, 176
enabling environment to engage	RT. See Rural transformation (RT)
Nigerian Diaspora,	RULA. See Rule of Law (RULA)
469-471	Rule of Law (RULA), 233–234, 245,
and financial development, 457	332 <i>n</i> 2
HTAs, 457–458	"Rules of game", 232–233

Kurai	SEFA. See Sustainable Energy Fund
areas, 136	for Africa (SEFA)
population, 66	Self-determination, 71
ring-fenced financing for rural	Self-enrichment, 223
electrification, 409-410	Self-government principle, 71
rising proportion of rural people	Self-regulating mechanism, 114
farming, 366–368	Self-reliance, 306, 309
rural-urban migration, 126, 129,	Self-serving dictatorships, 196–197
454-455	Servility, 68
telephony, 176	Servitude, 68
Rural transformation (RT), 353n4	Settler colonies, 70
	SHS. See Solar Home Systems (SHS)
SADR. See Sahrawi Arab Democratic	SIC. See Standard Industrial
Republic (SADR)	Classification (SIC)
Sahara Desert, 63, 288	Simple mathematical model, 297–298
Sahrawi Arab Democratic Republic	Single-issue democracy, 198
(SADR), 72	Single-issue politics, 191–192
SAP. See Structural adjustment	Sirocco, 63
program (SAP)	Sixth Tokyo International Conference
Sara of Chad, 68	on African Development
Savanna, 62	(TICADVI), 426
Savings, 452	Skill-biased technological change,
Scarcity of funds for investments in	79-80
energy development, 412	Sleeping sickness. See Trypanosomiasis
Schistosomiasis, 261	Small and medium enterprises (SMEs),
Scholars, 111–112	357, 437
School-leavers, 306-307	SNA. See System of National Accounts
Science, Technology and Innovation	(SNA)
(STI), 436, 439	Social
Scientific deficit, 435–436	benefits, 288
Scottish National Party, 203	exclusion theory, 136–138
Sculpture, 68	factor, 176
SDG. See Sustainable Development	fractionalization, 206
Goals (SDG)	norms, 221–222
SDGs. See Strategic development goals	order and hierarchy, 217
(SDGs)	protection, 177
SE4All initiative. See Sustainable	sciences, 215–216
Energy for All initiative (SE4All	services, 128
initiative)	volatility, 325
Sea-level rise, 100	Social remittances. See Collective
Seasonal migration, 126	remittances
"Second-generation" reforms,	Society, 197
231-232	Sociocultural diversity, 21–22
Secondary energy, 400-401	Socioeconomic development, 124
Secondary school enrolment, 288	Socioeconomic transformation, 320
•	<i>'</i>

Sociology, 215–216	Statistical techniques, 133
SOEs. See State-owned enterprises	STI. See Science, Technology and
(SOEs)	Innovation (STI)
Soil fertility, 366	STISA-2024. See 10-year Science,
Sokoto Empire, 67	Technology, and Innovation
Solar Home Systems (SHS), 409–410	Strategy for Africa (STISA-2024
SolarNow, 410	Store money, 382
Sophisticated economies, 169–170	Strategic development goals (SDGs),
South Africa	377
data sources, 139	Structural adjustment program (SAP),
demographic features of South	279, 425–426, 498, 500–502
African farmworkers, 142–144	Berg Report Conundrum and,
farmworkers in, 139	507-508
farmworker wage and income levels,	deindustrialization effects, 501
149-151	Structural change. See Structural
human capabilities of South African	transformation
farmworkers, 144–149	Structural transformation, 43-44, 354
locating farmworkers within South	Stuff, 135
African labor market, 140–142	Stylized facts emerging from debates or
National Development Plan Vision	nexus, 161–167
2030, 106	Sub-fecundity, 117
South African	Sub-Saharan Africa (SSA), 8, 30, 33,
pension system, 88	118, 215–216, 276, 290–291,
political dispensation, 149	349, 397
politics, 192	electrification rate in, 396
wine-grape farmers, 149	indicators of development in, 12
South-West African People's	poor infrastructure, 435
Organization (SWAPO), 72	region, 258
Southern Africa, 33	salient trends affecting trajectories of
economic conditions in, 306	agricultural transformation,
Spectrum, 112–113	354-370
Spend money, 382	sectoral composition, 500, 502
SPLM. See Sudan People's Liberation	self-government principle in, 71
Movement (SPLM)	Substantial effect, 192
SSA. See Sub-Saharan Africa (SSA)	Sudan People's Liberation Movement
Standard Industrial Classification	(SPLM), 73
(SIC), 139	Sufficiency, 342
Standard investment models, 464	Supply of productive resources, 488
Standard of living, 50	"Supply-leading" financial initiatives,
State guarantees, 380–382	486
State-led economic development	Survey research, insights from, 458
strategies, 425	lessons from UK-Nigeria
State-owned enterprises (SOEs), 480	Remittance Corridor, 458–459
State—business relations, 438	lessons from US-Nigeria Migration
Stateless societies, 66, 68	Survey, 459–462

Sustainable development, 174	Theory of human capital, 294
in Africa, 105	Third International Conference on
climate resilience, environmental	Financing for Development, 416
sustainability, and development,	TI. See Transparency International (TI)
105-106	TICADVI. See Sixth Tokyo
priority actions, 106–107	International Conference on
of private sector, 440–441	African Development
Sustainable Development Goals (SDG),	(TICADVI)
51, 158, 160, 163–164, 371, 397,	Tigrini ethno-linguistic group, 203–204
512-513	Tony Elumelu Foundation (TEF), 440
Sustainable Energy for All initiative	Topography, 61
(SE4All initiative), 407, 409	Total factor productivity (TFP), 237
Sustainable Energy Fund for Africa	Total fertility rate (TFR), 118
(SEFA), 409	Trades and crafts, 308
Sustainable investing, 388	Traditional society, religious conversion a
Sustainable social enterprises, 388	way to opt out of, 223–225
Swahili coastal towns, 67	Trait theory of leadership, 316
SWAPO. See South-West African	Trans-Atlantic slave trade, 116
People's Organization (SWAPO)	Trans-Saharan trade system, 66
"Swindlers", 223–224	Transactional leadership, 318
System and delivery risk in mobile	Transfer money, 382
money, 383	Transformational leadership, 318
System of National Accounts (SNA), 39	Transition economies, 169–170
•	Transitional population growth, 116n1
Tanganyika, 72	"Transitional" growth, 118
Tax(es), 179	Transparency International (TI), 332
collection, 378–379	Treasury, 83
policy, 484	Triangle trade, 68
TB. See Tuberculosis (TB)	Triangular nexus, evidence from, 168–174
Technical assistance, 385	Trypanosomiasis, 262, 273
Technical education, 308	Tuberculosis (TB), 261, 273–274
Technological innovation, 469	TWh. See Terawatt hour (TWh)
Technology (T), 298	2030 Agenda for Sustainable
TEF. See Tony Elumelu Foundation (TEF)	Development, 93–94, 441–442
TEF Entrepreneurship Programme, 440	Typhoid, 278
Telephone connectivity, 176	•
10-year Science, Technology, and	UBA. See United Bank for Africa (UBA)
Innovation Strategy for Africa	UHC. See Universal Health Coverage
(STISA-2024), 436	(UHC)
Terawatt hour (TWh), 400	UIS. See UNESCO Institute for
Term loan, 391	Statistics (UIS)
Tertiary education enrolment, 288	UK Department for International
Testable hypotheses, 198–199	Development (DFID), 468
TFP. See Total factor productivity (TFP)	UK-Nigeria Remittance Corridor,
TFR. See Total fertility rate (TFR)	458-459

UN Development Programme (UNDP),	UNITAID, 384
51, 269	United Bank for Africa (UBA), 470
UN General Assembly, 426	United Nations Collaborative Program
UN Programme of Action for Africa	on Reducing Emissions from
Economic Recovery and	Deforestation and Forest
Development (UN-PAAERD), 508	Degradation in Developing
UN-PAAERD. See UN Programme of	Countries (UN-REDD), 385
Action for Africa Economic	United Nations Conference on Trade
Recovery and Development	and Development, 127
(UN-PAAERD)	United Nations Development Program
UN-REDD. See United Nations	(UNDP), 44–45, 135, 138, 164, 481
Collaborative Program on	United Nations Economic Commission
Reducing Emissions from	for Africa (UNECA), 478, 506, 512
Deforestation and Forest	United Nations Economic Commission
Degradation in Developing	for Africa, 126
Countries (UN-REDD)	United Nations Environment
UNAIDS. See United Nations Joint	Programme, 402
Program on AIDS (UNAIDS)	United Nations Industrial
UNDP. See UN Development Programme	Development Organization
(UNDP); United Nations	(UNIDO), 430
Development Program (UNDP)	United Nations Joint Program on AIDS
UNDP-UN Environment-Poverty	(UNAIDS), 124
Initiative, 104	United Nations Population Fund
UNDP's flagship Human Development	(UNFPA), 123
Report (2010), 51	United Nations-driven Sustainable
UNECA. See United Nations	Development Goals, 377
Economic Commission for	Universal access, 397, 407, 414
Africa (UNECA)	Universal energy access through
UNECA Alternative Framework to	innovative financing, 414
Structural Adjustment	Universal Health Coverage (UHC), 270
Programme for Socio-Economic	Universal primary education, 305
Recovery and Transformation	UNU-WIDER project, 434
(AAF-SAP), 508	Urban
Unemployed counterparts, 146	areas, 143
Unemployment, 128–129	industrialization, 162
UNESCO, 290-291, 309, 436	inhabitant, 146
UNESCO Institute for Statistics (UIS), 291	population growth, 356–357
Unfolding economic transformations, 365	Urban-based demand for food, 357
UNFPA. See United Nations	workers, 151
Population Fund (UNFPA)	Urbanites, 66
Unhealthy business environment,	Urbanization, 115, 126-127, 300, 349,
436-437	354, 356-357
UNIDO. See United Nations Industrial	in Africa, 78
Development Organization	"Urbanization without
(UNIDO)	industrialization" scenario, 365

US Agency for International Western Cape extended beyond Grade, Development (USAID), 123 7, 149 US National Research Council, 124 Western-introduced education, 288 WHO. See World Health Organization USAID. See US Agency for International Development (USAID) (WHO) US-Nigeria Migration Survey, 452, Women 459-462, 464-465 in Bangladesh, 84 beneficiaries of development, 136 Value Added Tax (VAT), 410 in economy, 152 Value chain finance, 388-391 education, 123, 301 Value-added production, 159 empower, 83 VAT. See Value Added Tax (VAT) enrolment in STEM major, 85 Vegetation, 62-63 experience, 267 Venal societies, 336 intra-household inequality and, 162 Vibrancy in agricultural factor markets, in labor force, 300 365 - 366with low levels of education, 119 as marginalized people, 175 Victimization of minorities, 190 in national parliaments, 511 Village development, 465n15 Violent civil conflict, 186 vulnerable group, 152 in Zulu economic livelihood, 68 Viral diseases, 262 Vision 2030 (Kenya), 106 World Bank, 44, 395, 433 VOA. See Voice and Accountability (VOA) World Bank African Pulse, 14 Voice and Accountability (VOA), World Data Lab, 51 233-234, 245 World Development Indicators (WDI), Voluntary solidarity, 380 44, 168, 171 Vulnerability, 101-103 World Development Report, 44 Vulnerable groups, 152 World Happiness Report, 52 World Health Organization (WHO), 261, 276, 281, 397 Wade, Abdoulaye, 509n4 World Poverty Clock, 51 Wages, 151 farmworker, 149-151 wage-induced technology, 162 XCONST. See Executive branch of Wahhabism, 220 government (XCONST) War effort, 71 Warehouse receipts financing, 390-391 Yellow fever, 62, 261 Washington Consensus, 231-232, 501, 507 weaknesses of, 513-514 Zero-order correlation coefficients, Water power resources of Africa, 61 245 Water-borne diseases, 95-96 Zimbabwe African National Union WDI. See World Development (ZANU), 71 Indicators (WDI) Zimbabwe African People's Union (ZAPU), 71 West Africa, 32-33, 36 West Africa Long Term Perspective Zimbabwe empires, 67 Study, 463 Zulu Kingdom, 67-68