

ETHIOPIA 2050

CHALLENGES AND OPPORTUNITIES

URBANIZATION

December 19-20 2019
Skylight Hotel, Addis Ababa

ETHIOPIA 2050

CHALLENGES AND OPPORTUNITIES

URBANIZATION- A GLOBAL CONCERN

**2035- 40% urban
(NUSDP)**

URBANIZATION IN OUR CONTEXT

World Bank

CRITICAL CHALLENGES AND OPPORTUNITIES

UN figures

ETHIOPIA 2050

CHALLENGES AND OPPORTUNITIES

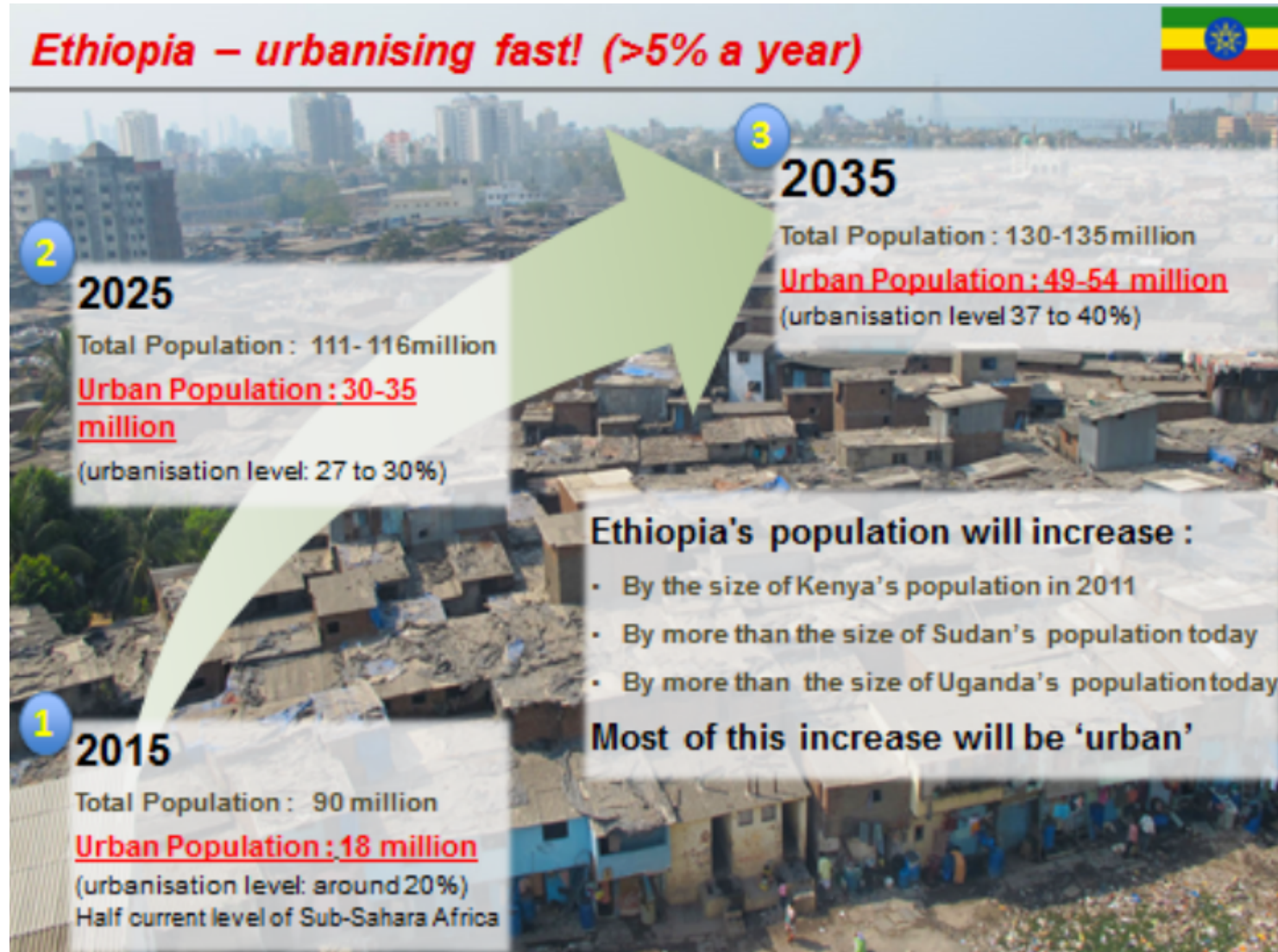
TOTAL POPULATION

200 MILLION IN 2050
70.5 MILLION URBANITES (37%)

2035- 40% urban (NUSDP)

World Bank



UN figures



ETHIOPIA 2050

CHALLENGES AND OPPORTUNITIES

Figure 2: Ethiopia's main urbanisation challenges

Urban Infrastructure Challenge		Without adequate infrastructure urban areas don't work. <i>How can we ensure provision at?</i>
Urban Services Challenge		Without adequate services urban areas don't work <i>How can we ensure provision?</i>
Urban Planning Challenge		Without efficient planning, urban areas don't work. <i>How can we efficiently plan and manage urban areas?</i>
Land Development and Management challenge		Without a functioning land development and management system, opportunities are lost. <i>How can urban land be more efficiently managed?</i>
Urban Economic Challenge		Growth is needed for urban areas to prosper. We need jobs for the extra people. <i>How can we accelerate industrialisation?</i>
Urban Capacity Challenge		An inability to manage urban growth may be 'overwhelming'. <i>Do we have the right institutions and skills to manage rapid urbanisation?</i>
Urban Financial Challenge		Many resources will be required to provide urban infrastructure and services. <i>Do we have the financial resources?</i>
Urban Climate Change Challenge		Climate change makes cities 'vulnerable'. <i>How do we make our cities more resilient?</i>

ETHIOPIA 2050

CHALLENGES AND OPPORTUNITIES

20% URBANIZATION

HOUSING BACKLOG

- NEW DEMAND
- EXISTING STOCK QUALITY

17 MILLION NEW JOBS

19 MILLION NEW HOUSING
UNITS (2035- NUSDP)

ADDIS ABABA PRIMACY

PER YEAR

- **10,000 hectares** of serviced land
- 4000 km of road
- 300,000 housing unit

INFRASTRUCTURE PROVISION

WATER NEEDS...

HEALTH...

LAND ...

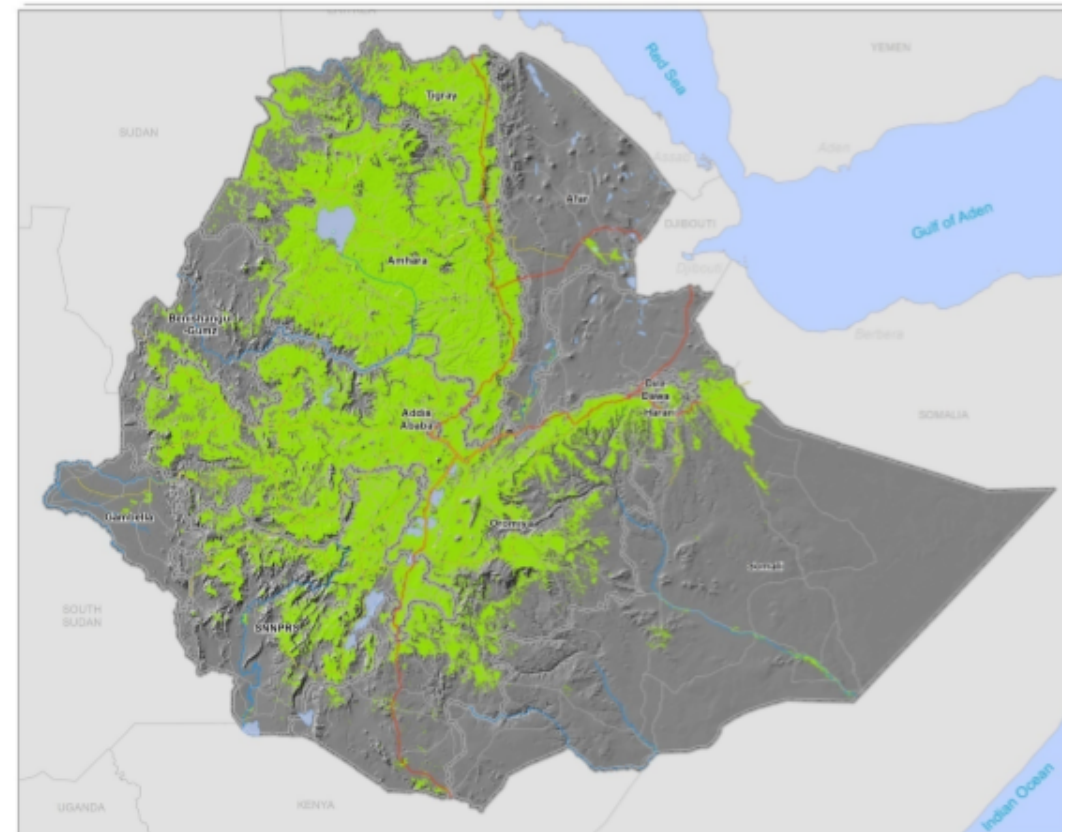
....

WHERE? WHAT TYPE ? HOW? ...

ETHIOPIA 2050

CHALLENGES AND OPPORTUNITIES

NUDSP - Cropland 2014

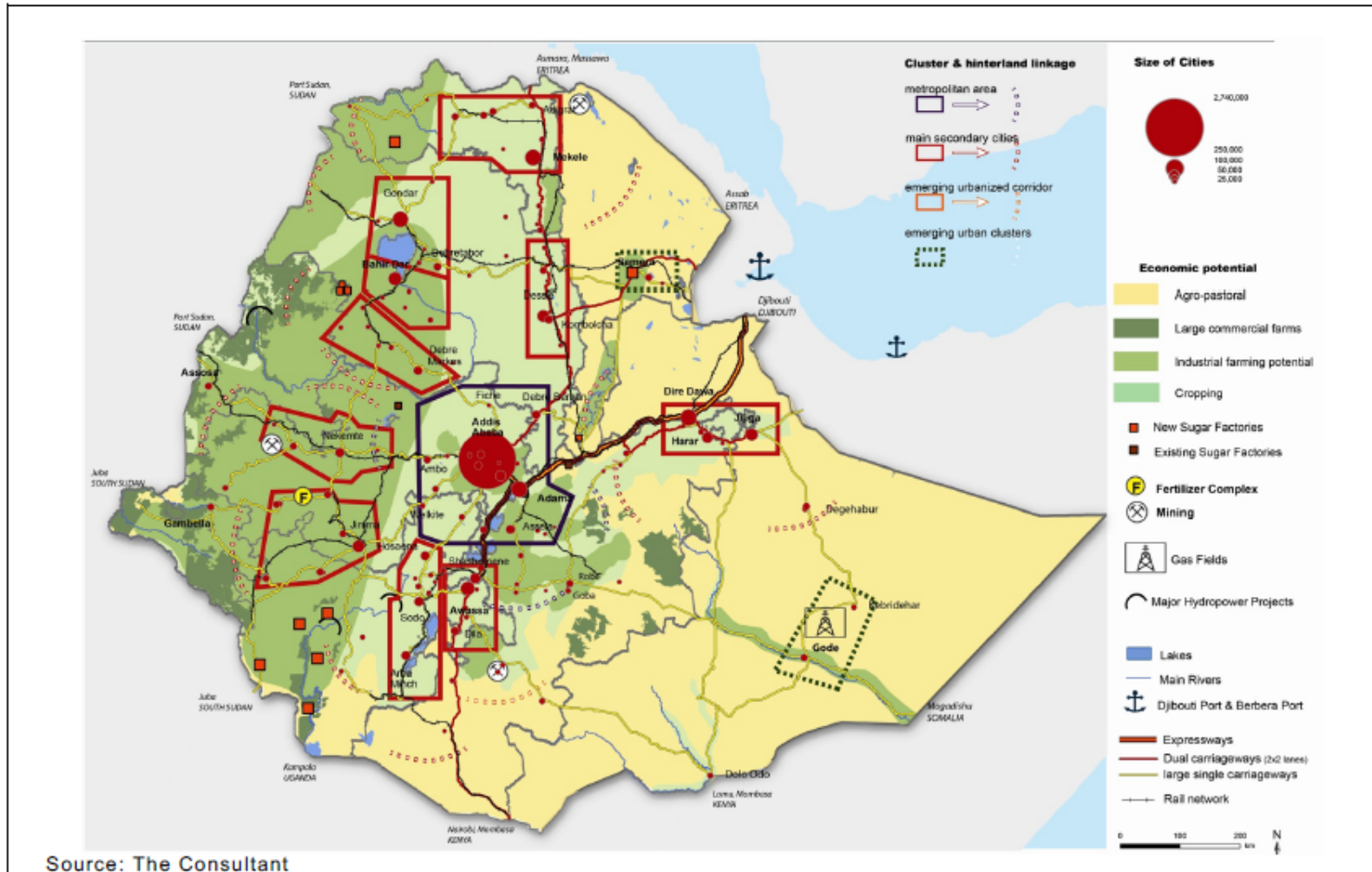


WHERE? WHY? WHAT TYPE ? HOW? ...

ETHIOPIA 2050

CHALLENGES AND OPPORTUNITIES

Map 2: Urban and Economic Clusters, 2015



URBAN CLUSTER

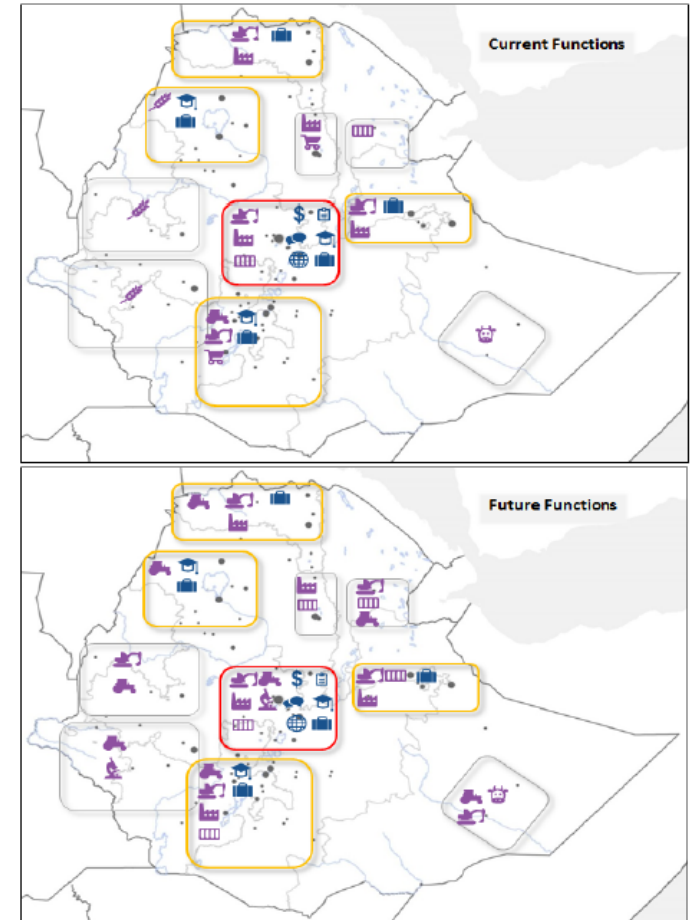
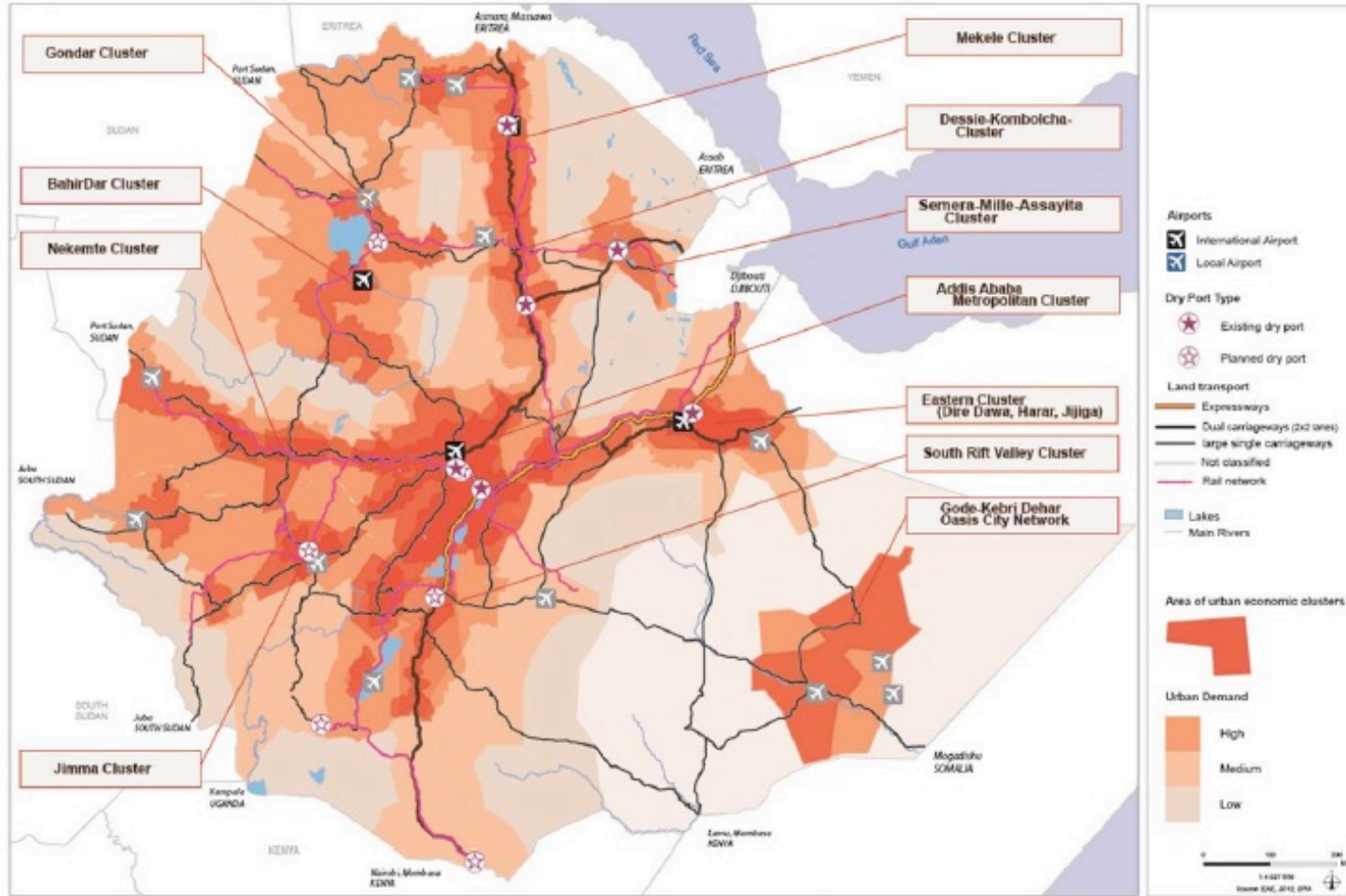
SPECIALIZATION

INTEGRATED- NETWORKED –
HIGHWAY, RAIL,

...

ETHIOPIA 2050

CHALLENGES AND OPPORTUNITIES



WHERE? WHY? WHAT TYPE ? HOW? ...

ETHIOPIA 2050

CHALLENGES AND OPPORTUNITIES

ADDIS ABABA

HOUSING

DEMAND, HOUSING STOCK, HOUSING STRATEGIES,

TRANSPORT-

CAR %, ROAD COVERAGE%, PER CAPITA CAR, PER ROAD QUALITY- CONSTRUCTION, PUBLIC TRANSPORT- BUS, LRT, TAXI, TRAFFIC MOVEMENT- MOBILITY, TRAFFIC ACCIDENT,

JOB / UNEMPLOYMENT-

UNEMPLOYMENT (%), CRIME RATE,

WASTE (SOLID AND LIQUID)

SEWER (LESS THAN 20% COVERAGE), CONNECTIVITY,

PHYSICAL DEMANDS

SOCIAL DEMANDS

REGULATORY AND INSTITUTIONAL DEMANDS

FINANCIAL DEMANDS

ENVIRONMENTAL DEMANDS

LAND
HOUSING
INFRASTRUCTURE
SERVICES

...

NEW CULTURE AND HABITS
COMMUNAL
RESPONSILITIES

**Addis
2050***

Smart City 2050

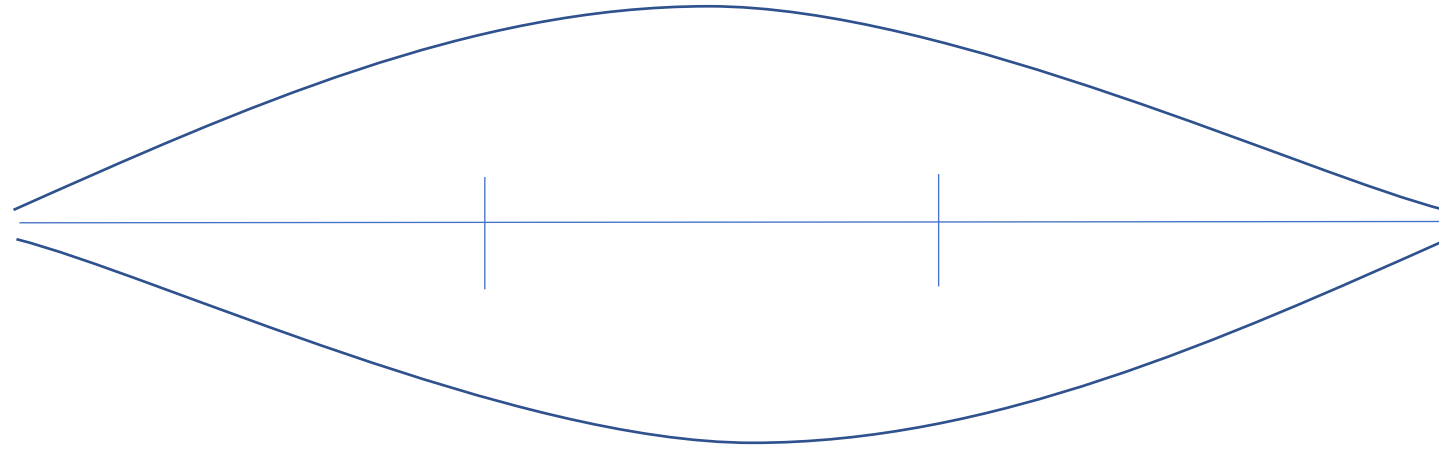
**Compact
Connected
Coordinated
Inclusive
Resilient
Prosperous
Sustainable**

**Leading the urban
sector of Ethiopia**

ETHIOPIA 2050

CHALLENGES AND OPPORTUNITIES

2020



2050

UNDERSTANDING **WHERE WE ARE**

IDENTIFYING **STRUCTURING ELEMENTS**

AGREEING ON **STRATEGIC INTERVENTIONS**

- **AGREED UPON VISION**
- **STRUCTURING ELEMENTS**
- **CRITICAL INTERVENTIONS**

CONTINUITY- M&E- REVISITING-

ETHIOPIA 2050

CHALLENGES AND OPPORTUNITIES

Old vs new- heritage vs
new modern

Urban expansion

**Understanding
context-** understanding
potentials and limitations

FINANCE – public sector revenue- local fiscal
system – property tax... how can we talk about
property tax where the properties are unknown?!

INTEGRATION OF UTILITY PROVIDERS

EMPLOYEMENT – short cut... hard work,
innovative/entrepreneurship?, ...

“Scientific solution” – (30-30-40)- rule of tumb
planning-non-scientific solution- subjective,
debate, human nature, ...

APARTMENT LIVING- communal responsibilities....

900
combiners in
Eth. In total!

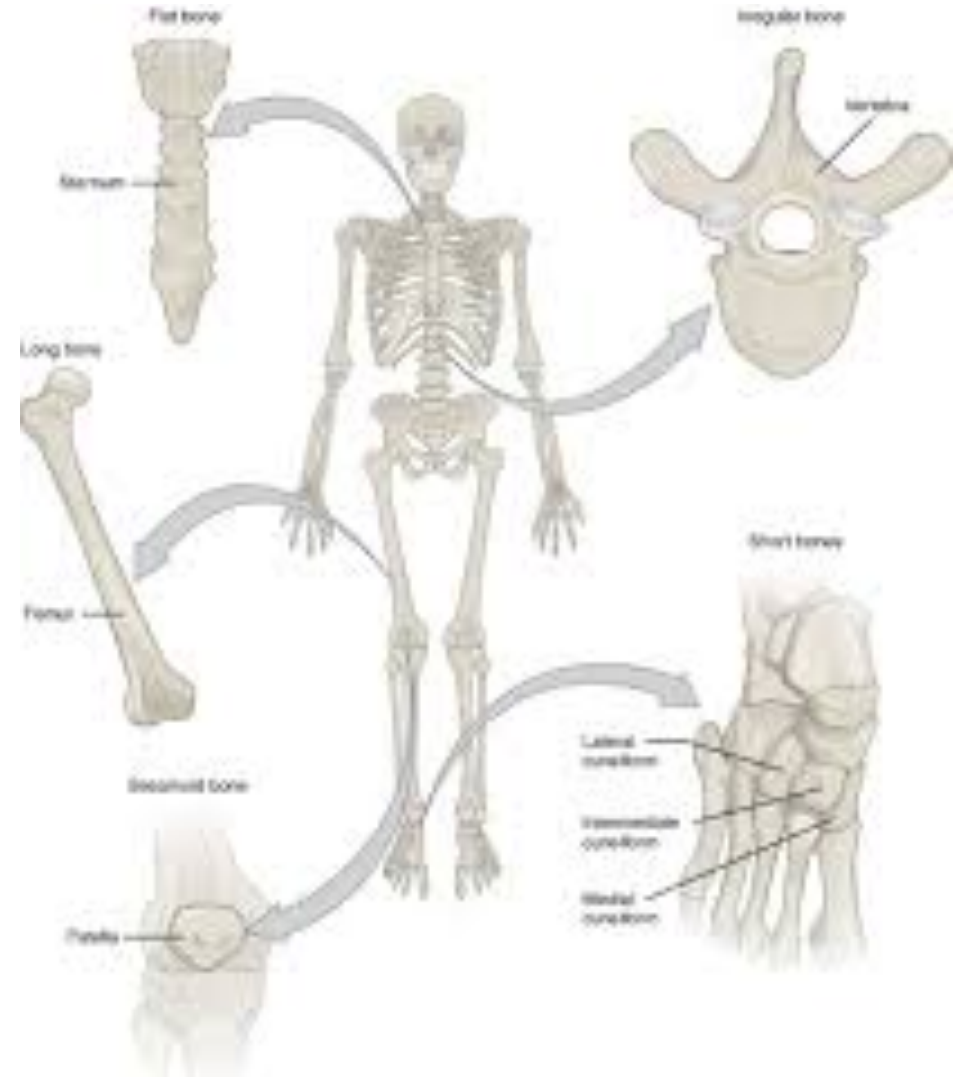
ETHIOPIA 2050

CHALLENGES AND OPPORTUNITIES

“አገርህን እወቅ”

Understanding context-
understanding potentials and limitations

Culturally
Socially
Nature
Climate



ETHIOPIA 2050

CHALLENGES AND OPPORTUNITIES



PLAN LED URBANIZATION

- **LONG TERM VISION** – WORKING ON PARALLEL TRACK
- **PLANNING AT DIFFERENT SCALE**
NATIONAL, 'REGIONAL', CITY
(PLANNING REGION ≠ ADMINISTRATIVE REGION)
- **INTEGRATION- COORDINATION- SYNERGY**
- **INSTITUTION BUILDING-** TECHNICAL, REGULATORY, DATABASE, AUTOMATED SYSTEM, SETTING THE BASE RIGHT, CONTINUITY-MEMORY,
- **EFFICIENT USE OF RESOURCES**

EDUCATION AND RESEARCH

AT THE BASE

GENERAL PUBLIC AWARENESS-
INNOVATIVE WAYS

RULES AND REGULATIONS

ETHIOPIA 2050

CHALLENGES AND OPPORTUNITIES

“እኔ ምን አገገኝ የሚሉት ሀረግ
እሱ ነው አገሬ ያረዳት እንደ በግ
ብዬ ግጥም ልጽፍ ትንሽ አሰብኩና
ምን አገገኝ ብዬ ተውኩት እንደገና!”

“ከፅኑ ድህነት ለመለቀቅ መፍትሔው ሥራ ብቻ ነው!”

አመሰግናለሁ
Thank you