

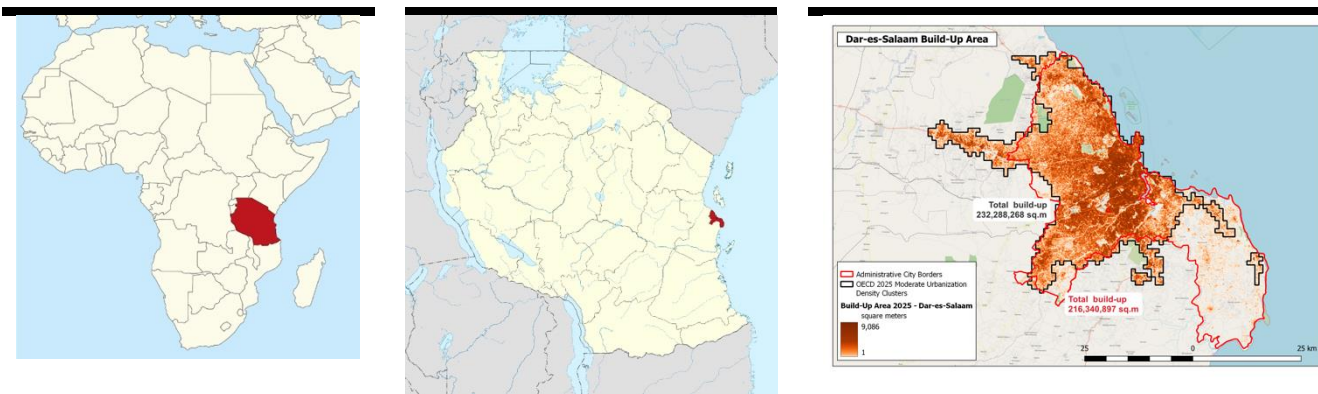


# RESILIENCE RATING ON DAR ES SALAAM

# DAR ES SALAAM, TANZANIA

Dar es Salaam is the largest city and financial hub of Tanzania, the capital of **Dar es Salaam Region**. With a population of over 6 millions, it is the largest city in East Africa a sixth-largest in Africa. Located on the Swahili coast, Dar es Salaam is an important economic centre and is one of the fastest-growing cities in the world.

## INTEGRAL RATING



### Resilience rating score



### Environmental



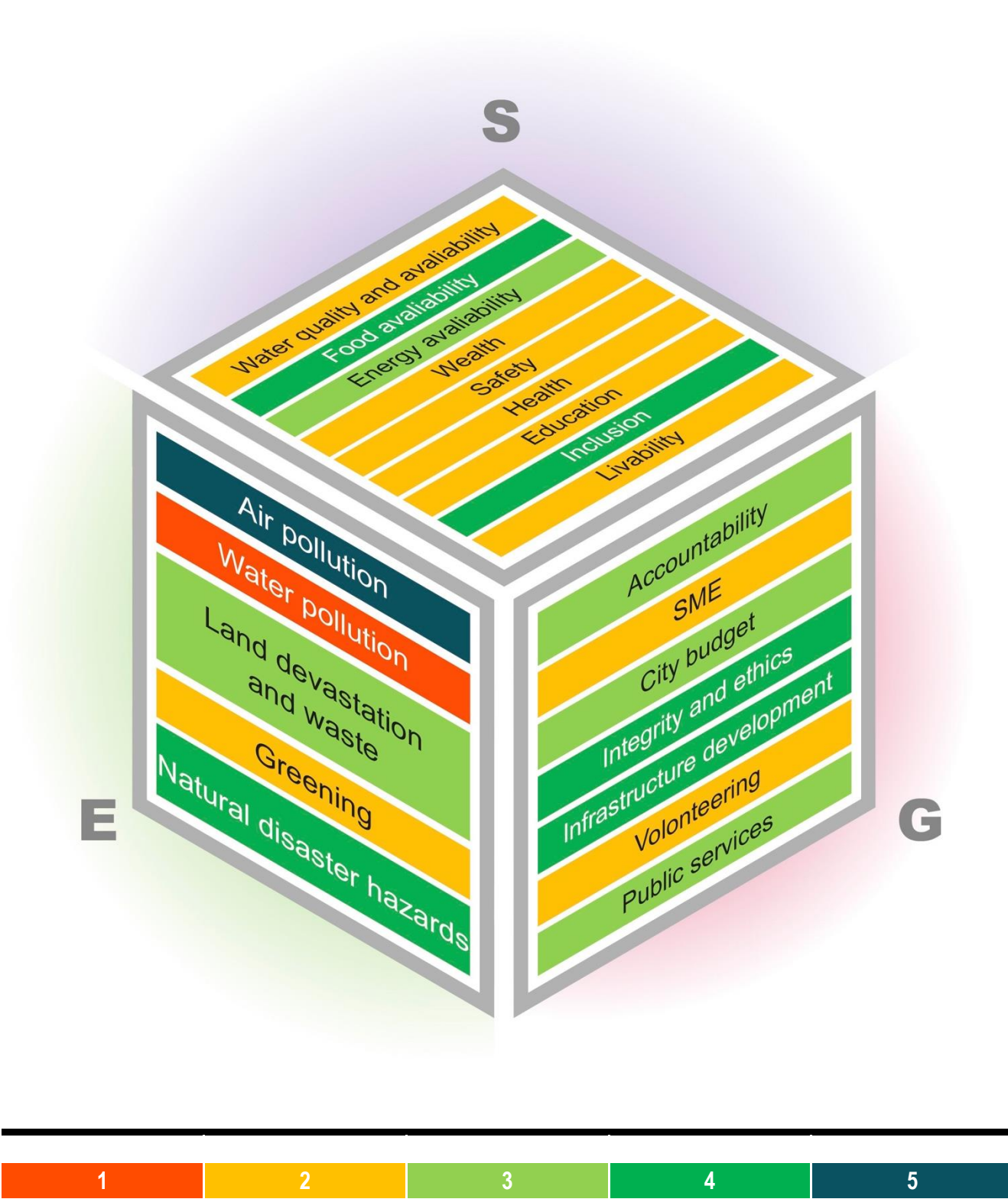
### Social



### Governmental



CATEGORIES' ASSESSMENT



- Dar es Salaam ratings is at a low C-2 level. The challenges the city faces are poorly educated population with low literacy level, and high educational needs which are not met by existing educational system. The city demonstrates a positive dynamic on educational indicators and infrastructure access though, but from quite low levels.
- Limited access to the basic facilities like water and electricity is another constrain together with poor water quality — especially drinking water. Water supply is also quite limited and sewage systems are underdeveloped.
- Extremely low mean salary is leading to high levels of food insecurity and is another key rating constrain. Polluted water and poor roads' quality are also significant areas for the improvement.
- Low wealth and low consumption though result in good air quality in Dar es Salaam.



ENVIRONMENTAL	
Air pollution	
Annual average of SO <sub>2</sub> concentration in ambient air, microgram/m <sup>3</sup>	
Annual Average of SO <sub>2</sub> Concentration in Ambient Air (change in last 3 years), microgram/m <sup>3</sup>	
Annual Average of NO <sub>2</sub> Concentration in Ambient Air, microgram/m <sup>3</sup>	
Annual Average of NO <sub>2</sub> Concentration in Ambient Air (change in last 3 years), microgram/m <sup>3</sup>	
Annual Average of O <sub>3</sub> Concentration in Ambient Air, microgram/m <sup>3</sup>	
Annual Average of O <sub>3</sub> Concentration in Ambient Air (change in last 3 years), microgram/m <sup>3</sup>	
Annual Average of CO Concentration in Ambient Air, microgram/m <sup>3</sup>	
Annual Average of CO Concentration in Ambient Air (change in last 3 years), microgram/m <sup>3</sup>	
Annual Average of Particulate Matter (PM10) Concentration in Ambient Air, microgram/m <sup>3</sup>	
Annual Average of Particulate Matter (PM10) Concentration in Ambient Air (change in last 3 years), microgram/m <sup>3</sup>	
Annual average of CH <sub>4</sub> concentration in ambient air, microgram/m <sup>3</sup>	
Annual average of CH <sub>4</sub> concentration in ambient air (change in last 3 years), microgram/m <sup>3</sup>	
CO <sub>2</sub> concentration, tons per capita, TCO <sub>2</sub> e/year	
CO <sub>2</sub> concentration, tons per capita (change in last 3 years), TCO <sub>2</sub> e/year	
CO <sub>2</sub> emissions	
CO <sub>2</sub> emissions, (change in last 3 years)	
Paris Agreement	

<b>Water pollution</b>	
Annual average of dissolved oxygen (DO) concentration in water	
Annual average of pH concentration in water	
<b>Land devastation and waste</b>	
Share of devastated and degraded land requiring reclamation in total area, % total area	
3-year average growth rate of devastated and degraded land area requiring reclamation, %	
Collected and managed in dumps wastes (hazardous and non hazardous), tons per capita	
Collected and managed in dumps wastes (hazardous and non hazardous), tons per capita (change in last 3 years)	
Total recycled construction waste, tons per capita	
Share of recycled construction and demolish waste in total generated construction and demolish waste, %	
Waste deposits, % total area	
<b>Greening</b>	
Green spaces, %	
Green spaces, change in last 3 years, %	
<b>Natural disaster hazards</b>	
Growth rate of freshwater mirror area, %	
Share of total area with altitude above sea level less than 0,5 meters, %	
Number of registered heavy rain, flood and thunderbolt (change in last 3 years)	
Number of registered sand storm (change in last 3 years)	
Environmental/natural disasters' risk mitigation	
<b>SOCIAL</b>	
<b>Health</b>	
Human development index	
<b>Water quality and availability</b>	
Percentage of population with access to drinking water, %	
Percentage of population with access to drinking water (change in last 3 years), %	
Percentage of population with access to sanitary facilities, %	
Percentage of population with access to sanitary facilities (change in last 3 years), %	
Water consumption per capita, mcm	
Water consumption per capita (change in last 3 years), mcm	
Water tariff to disposable income ratio	
Sanitary facilities tariff to disposable income ratio	
<b>Food availability</b>	
Cereal import dependency ratio (5-years average), %	
Cereal import dependency ratio (change in last 3 years),	
Prevalence of undernourishment (change in last 3 years), %	
Prevalence of undernourishment children (change in last 3 years), %	
Prevalence of moderate or severe food insecurity in the population, %	
<b>Energy availability</b>	
Percentage of urban population with access to electricity, %	
Percentage of urban population with access to electricity (change in last 3 years)	
Consumption of electricity per capita	
Consumption of electricity per capita (change in last 3 years)	
Electricity tariff to disposable income ratio	

<b>Wealth</b>	
Mean salary, 2017 PPP\$	
Mean salary, change in last 3 years	
Disposable income	
Disposable income (change in last 3 years)	
Decile coefficient by income	
Decile coefficient by income (change in last 3 years)	
Percentage of wealth owned by 10% of the richest population, %	
Number of mobile phones per 1 000 population	
Debt to salary ratio	
Living spaces per capita, sq m (change in last 3 years)	
Poverty headcount ratio at national poverty lines (% of population)	
Working poverty rate (percentage of employed living below US\$1.90 PPP, 15+ age (%))	
Poverty headcount ratio at \$2.15 PPP 2017 a day	
Percentage of population with food expenditure is above 52% of total expenditure, %	
<b>Safety</b>	
Crime rate per 1 000 population	
Violent crime rate per 100 000 population	
Violent crime rate per 100 000 population (change in last 3 years)	
Road fatalities rate per 100 000 population	
Road fatalities rate per 100 000 population (change in last 3 years)	
Police arrival speed, min	
<b>Health</b>	
Number of hospital beds per 1000 population	
Number of doctors per 1000 population	
Life expectancy at birth, years, 3-year average	
Life expectancy at birth goals	
City ambulance	
Child mortality rate (under 5 years-old), % of live births	
<b>Education</b>	
Literacy rate among population (15—24 Years), %	
Literacy rate among population (15—24 Years) (change in last 3 years)	
Proportion of population with post-secondary and higher education, %	
Pupils per teacher rate	
Primary education engagement, %	
<b>Inclusion</b>	
Female-friendly city	
Number of refugees per 1000 population	
Social progress Index	
<b>Integrity and ethics</b>	
Homeless people per 1 000 population	
Slavery index	
Difference in number of years of schooling between woman and man, woman to man ratio	
<b>Livability</b>	
Green spaces, %	
Green spaces, change in last 3 years, %	
Share of green spaces without fee at the entrance, %	
Number of LEED certified green buildings (certified square meteres per capita)	
Number of CEEQUAL certified projects	
Whether or not the city has ISO 37120 certification	
Schools availability	



Time loss in traffic, %	
Public spaces (amusement parks, restaurants, playgrounds, sports fields, dog walking)), % city square	
Perception of topic Index	
Perception of topic Index dynamics	
Public transport (excluding subway) operates by schedule	
<b>GOVERNMENTAL</b>	
<b>Accountability</b>	
City budget execution publication	
City budget publication	
Financial transparency on city government companies	
City ESG reporting	
City ESG reporting verification	
City council checks and balances	
ISO certification	
Plans to obtain ISO certification	
<b>SME</b>	
Number of SMEs per capita/100 000 population	
Number of SMEs per capita/100 000 population (change in last 3 years)	
Number of start-ups	
Number of start-ups (change in last 3 years)	
Global Startup Ecosystem Index	
<b>City budget</b>	
Poor financial condition	
Central/higher level government financial intervention taking place	
Central/higher level government financial intervention is considered	
Prudent fiscal policy requirements	
Long-term planning	
Medium-term planning	
ESG planing	
<b>Public services</b>	
E-gov services	
Services for working with citizens' appeals and complaint	
<b>Infrastructure development</b>	
Internet coverage	
Mobile connection coverage	
<b>Public services</b>	
Free phone to call the police	
Free phone to call the ambulance	
Free phone to call the firefighters	