TACKLING TOUGH LIVING CONDITIONS:
Slum upgrading, rental vouchers, & affordable housing programs

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DIAMONDS AND POLYGONS

Frameworks for diagnostic and action
DEVELOPMENT DIAMOND: NAIROBI’S SLUMS

WELFARE
% above poverty line

EMPLOYMENT
% working

EDUCATION
% completed primary

LIVING CONDITIONS
% with perm wall, water and electricity

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DEVELOPMENT DIAMOND: DAKAR’S SLUMS

WELFARE
% above poverty line

36%  18%

LIVING CONDITIONS
% with perm wall, water and electricity

39%  74%

EDUCATION
% completed primary

36%

EMPLOYMENT
% working
DEVELOPMENT DIAMOND: NAIROBI AND DAKAR

**NAIROBI**
- **Welfare**: 28% above poverty line
- **Employment**: 74% working
- **Living Conditions**: 3% with permanent wall, water, and electricity
- **Education**: 79% completed primary

**DAKAR**
- **Welfare**: 18% above poverty line
- **Employment**: 39% working
- **Living Conditions**: 36% with permanent wall, water, and electricity
- **Education**: 3% completed primary
LIVING CONDITIONS: NAIROBI

INFRASTRUCTURE
- 22% have electricity

UNIT
- 12% have permanent walls

TENURE
- 8% own homes

NEIGHBORHOOD & LOCATION
- 37% feel safe
LIVING CONDITIONS DIAMOND: NAIROBI AND DAKAR

**NAIROBI**
- **Infrastructure**: 22% with electricity
- **Unit**: 12% with permanent walls
- **Tenure**: 8% own homes
- **Neighborhood & Location**: 37% feel safe

**DAKAR**
- **Infrastructure**: 82% with electricity
- **Unit**: 96% with permanent walls
- **Tenure**: 74% own homes
- **Neighborhood & Location**: 48% feel safe
INFRASTRUCTURE POLYGON: NAIROBI AND DAKAR

NAIROBI

NAIROBI

DAKAR

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WHAT SHOULD BE DONE?
WHAT SHOULD BE DONE? SEVERAL OPTIONS

SLUM DEVELOPMENT
(Improving “lives”)

INFRASTRUCTURE
(Improving “services”)

WELFARE
% above poverty line

28%

EMPLOYMENT
% working

68%

EDUCATION
% completed primary

68%

LIVING CONDITIONS
% with perm wall, water and electricity

79%

PIPED WATER

19%

ELECTRICITY

22%

PUBLIC TRANSIT

20%

GARbage PICKUP

12%

SEWAGE DISPOSAL

25%

TOILET

20%
A KEY DEVELOPMENT GOAL: IMPROVING “LIVING CONDITIONS”

INFRASTRUCTURE
- 22% have electricity

UNIT
- 12% have permanent walls

TENURE
- 8% own homes

NEIGHBORHOOD & LOCATION
- 37% feel safe
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HOW TO IMPROVE LIVING CONDITIONS?:
THE THREE CASE STUDIES
THAILAND: INFRA (govt), UNIT (HH), TENURE (govt/comm/HH)