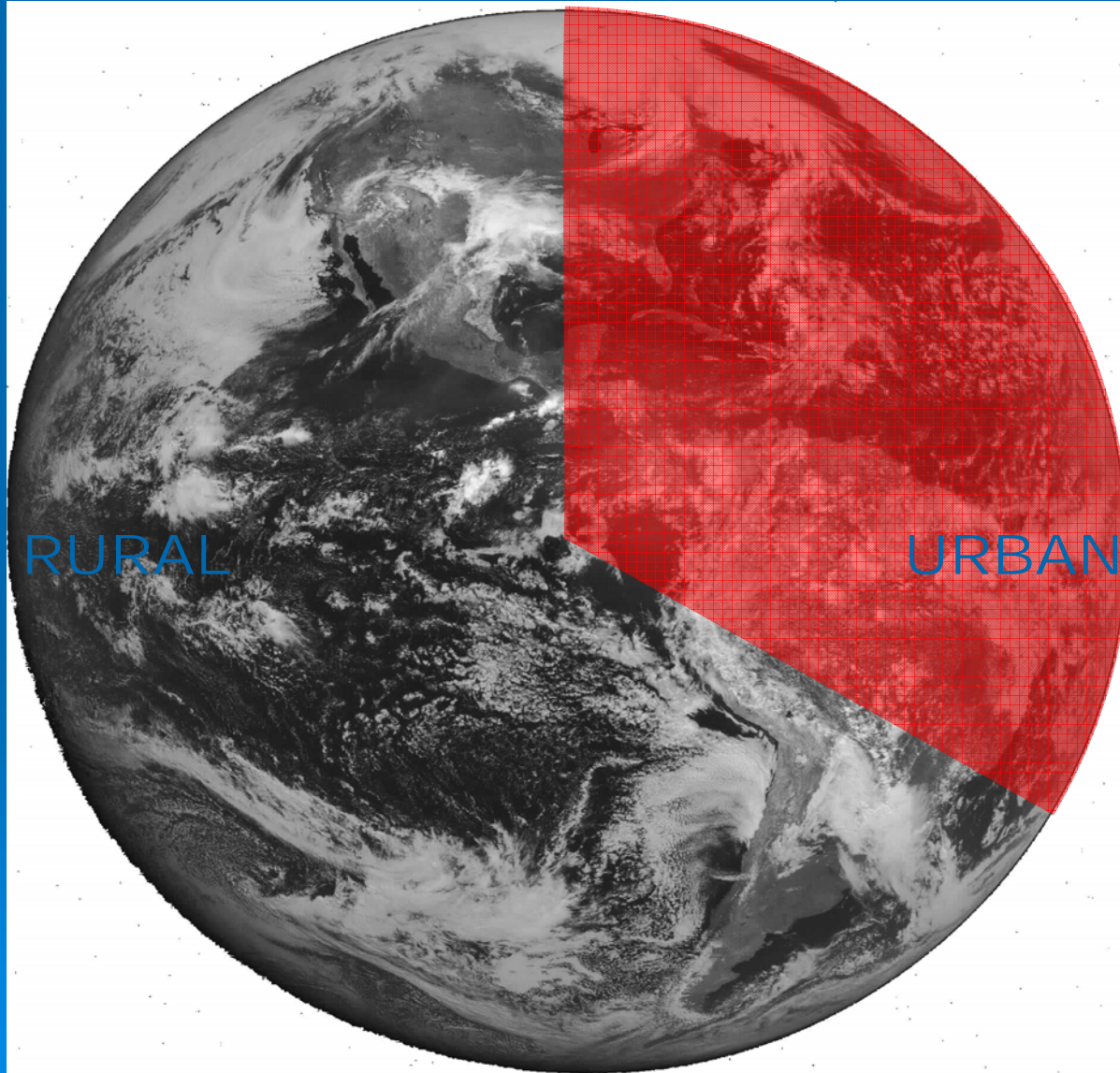


1. The urban /slum/ challenge

YEAR 1970

63% RURAL

URBAN 37%



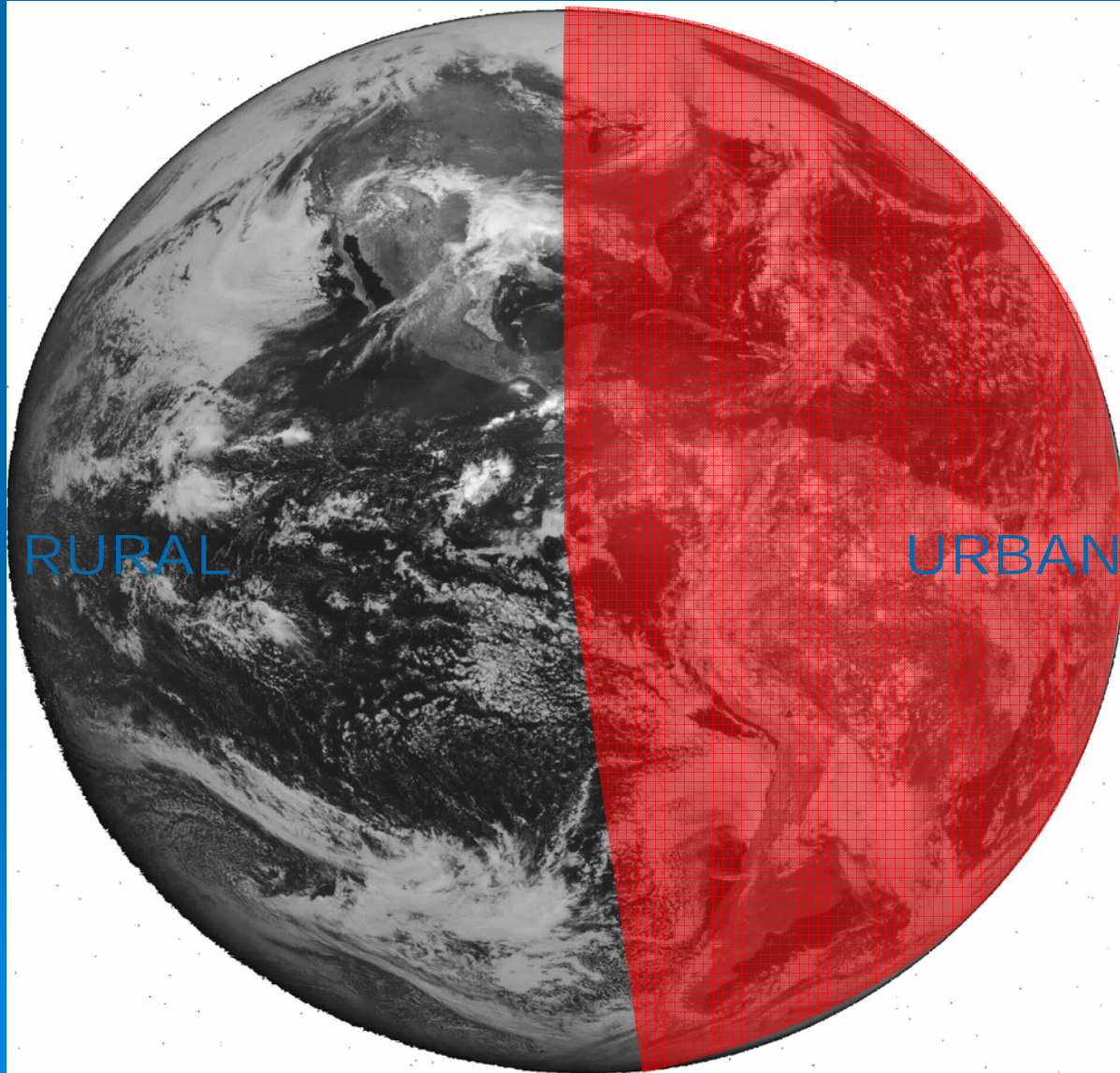
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1. The urban /slum/ challenge

YEAR 2000

53% RURAL

URBAN 47%



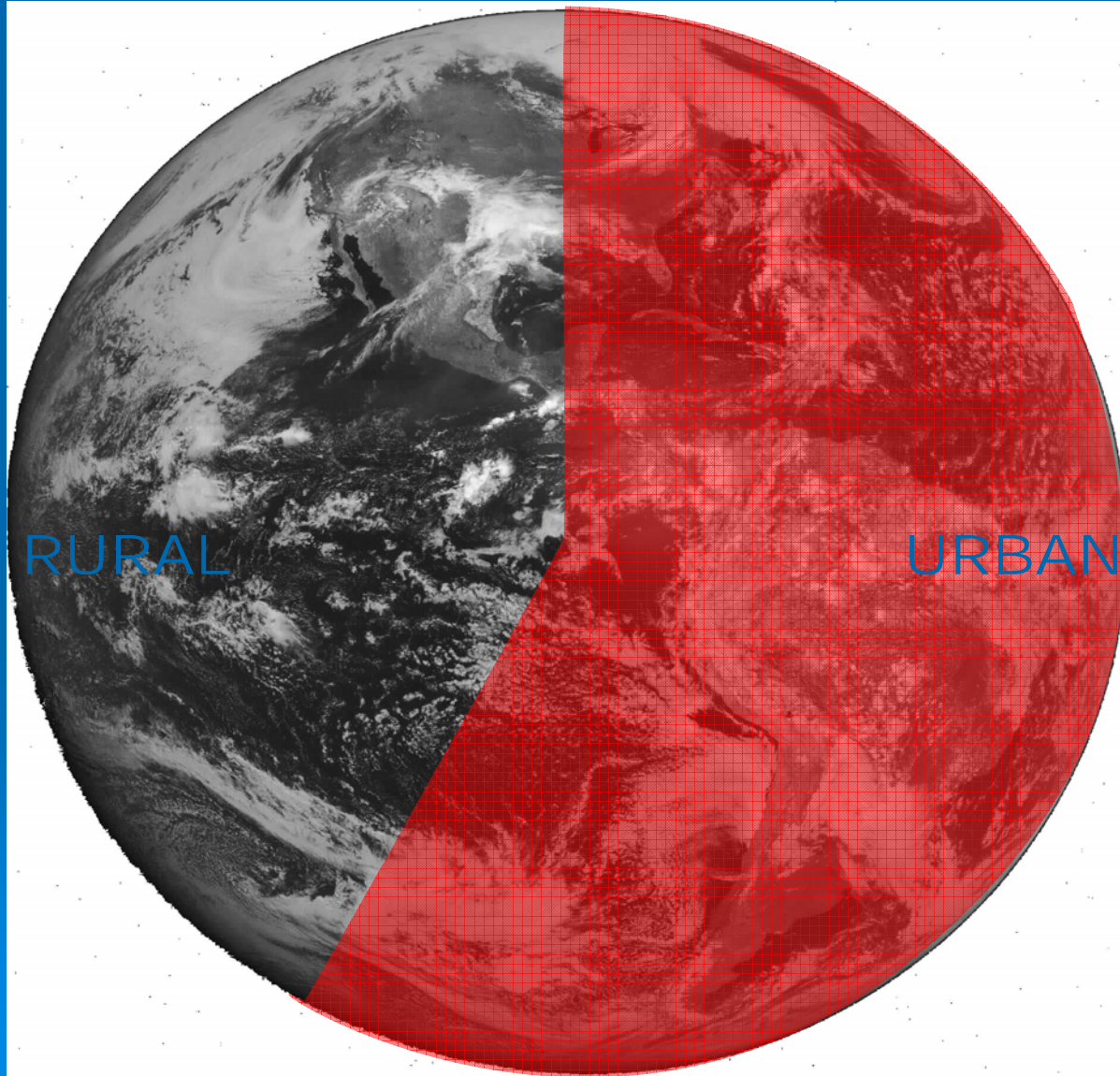
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1. The urban /slum/ challenge

YEAR 2020

44% RURAL

URBAN 56%



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Urban Development Challenges

THE URBANIZATION OF POVERTY

This will result in further:

- Overcrowding
- Homelessness
- Environmental health problems
- Increased vulnerability
- Segregation
- Violence and criminality
- Slum formation

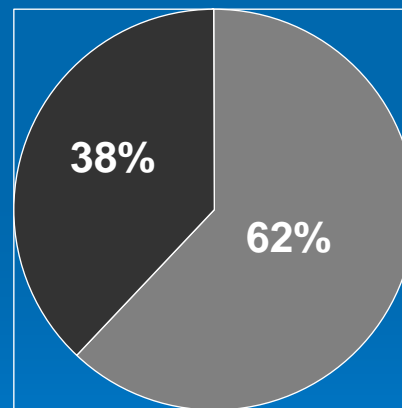


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Slums: Past, Present & Future

- Unprecedented slum growth: **18** million new slum dwellers per year during 1990-2001
- Projected growth: **27** million people a year (2005/20)
- Slum growth = **38%** of the world's urban growth

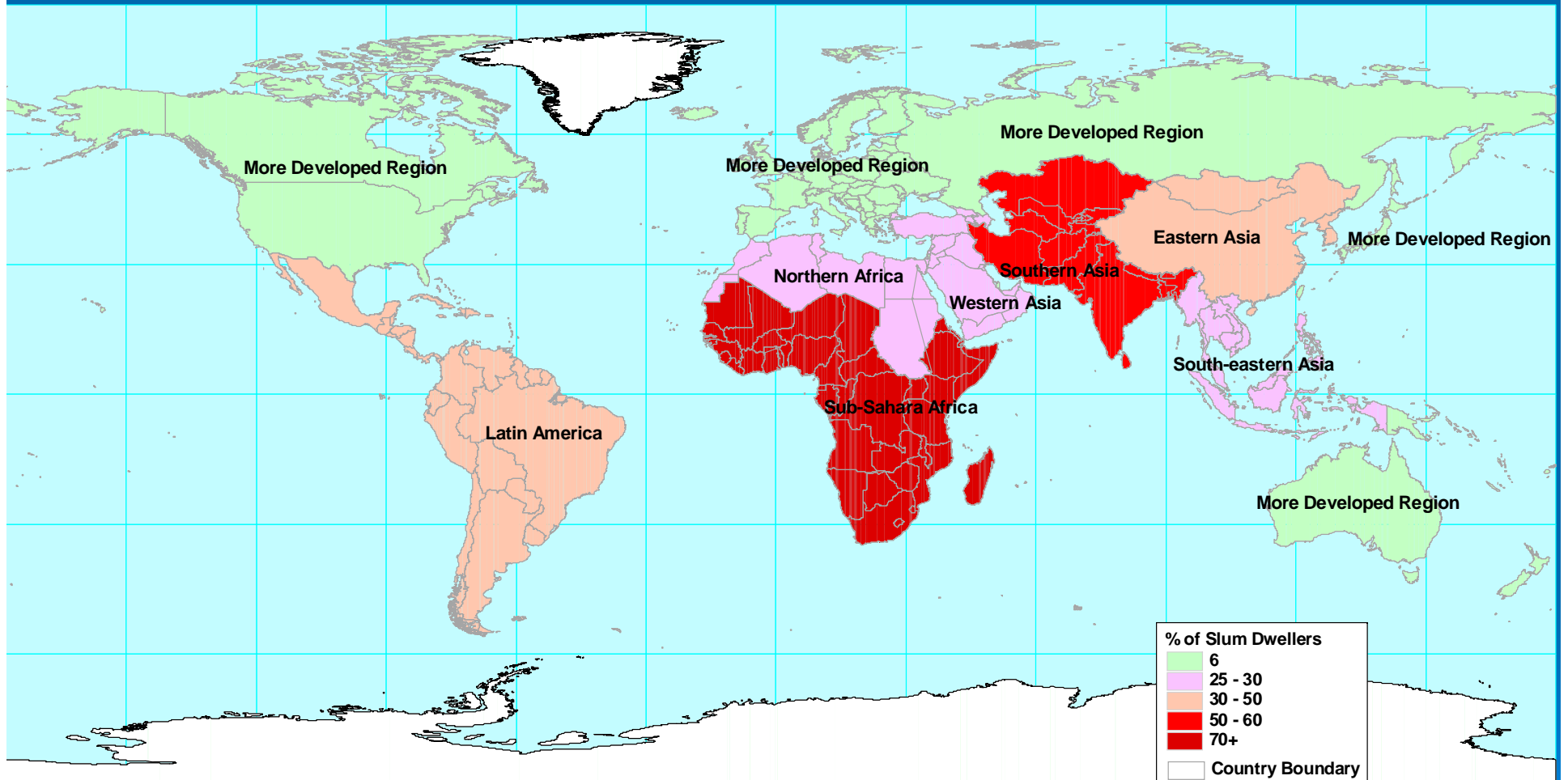


■ World urban growth ■ slum growth

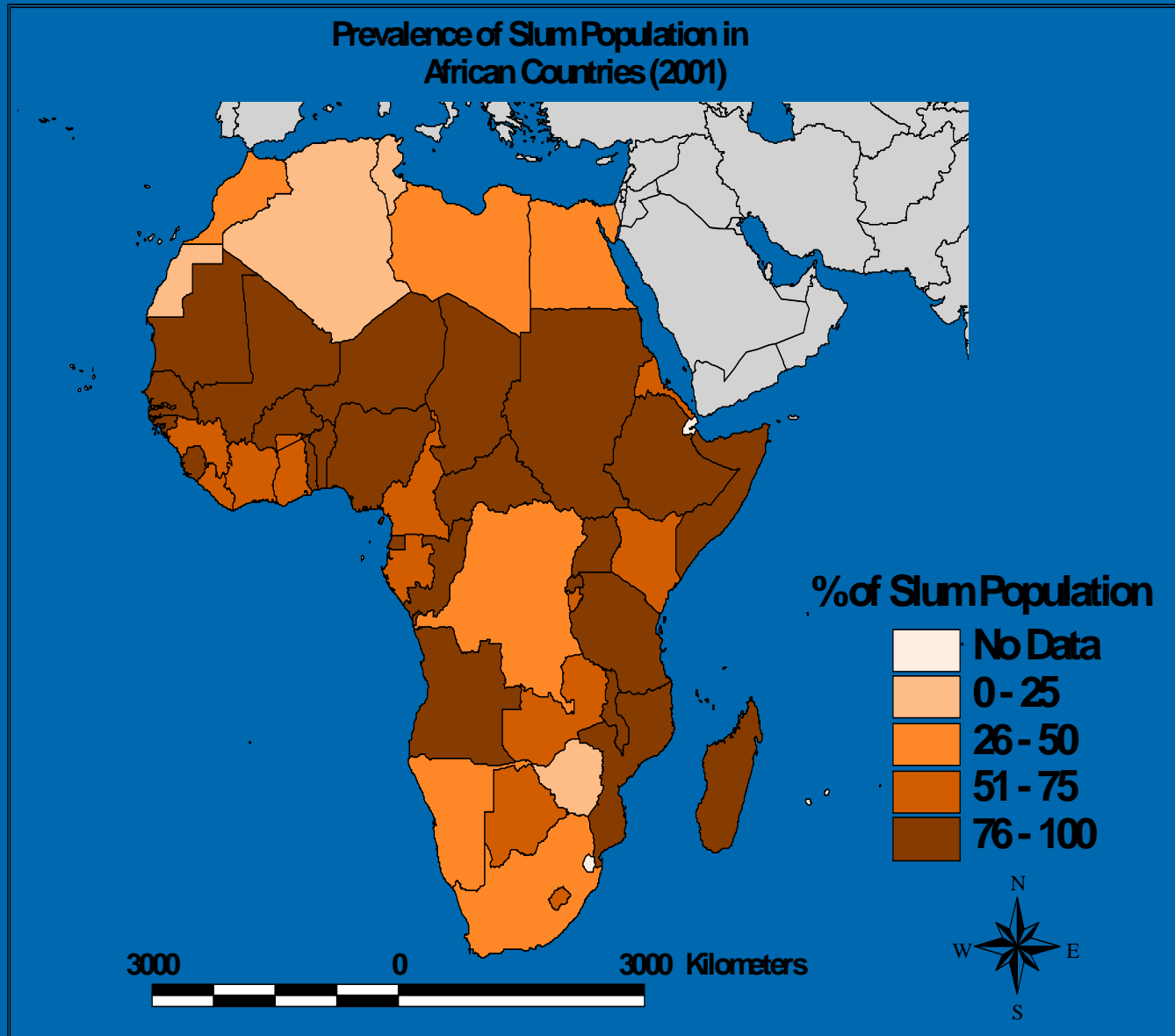


- Slum population will reach 1.4 billion in 2020

Proportion of Slums Dwellers in Urban Areas By Region: 2005



Prevalence of Slum Population in African Countries (2001)



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Slums

What is a slum dweller?

Lacks one *or* more of the following:

- ✓ Access to improved water
- ✓ Access to improved sanitation
- ✓ Sufficient living area
- ✓ Durability of housing
- ✓ Secure tenure



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Slums: Past, Present & Future

- **Urban** growth rates and **slum** growth rates are almost identical in some regions:

	Urban Growth	Slum formation
Sub-Saharan Africa	4.6	4.5
Southern Asia	2.9	2.2
Western Asia	2.9	2.7

- Slums as per definition are located in cities of the developing world.

4. Identifying Slum Units

- Using Remote Sensing and GIS to identify, count and monitor slum units



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URBAN INEQUITIES SURVEY
CASABLANCA
2006
March 2006



Type 1



Type 2



Type 3



Location

Size

Features

Materials

Number
of units

Densities

Age

Evolution

6. Using urban indicators and GIS to support policy making

Provides evidence on which to base **decisions and actions**.

- Make better use of existing information (integrating **components over time**)
- Comparing performance across areas or components

