

Asian Development Bank -Agriculture and Natural Resources Sector-

Presentation by
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Sustainable food security is Asia's major development challenge

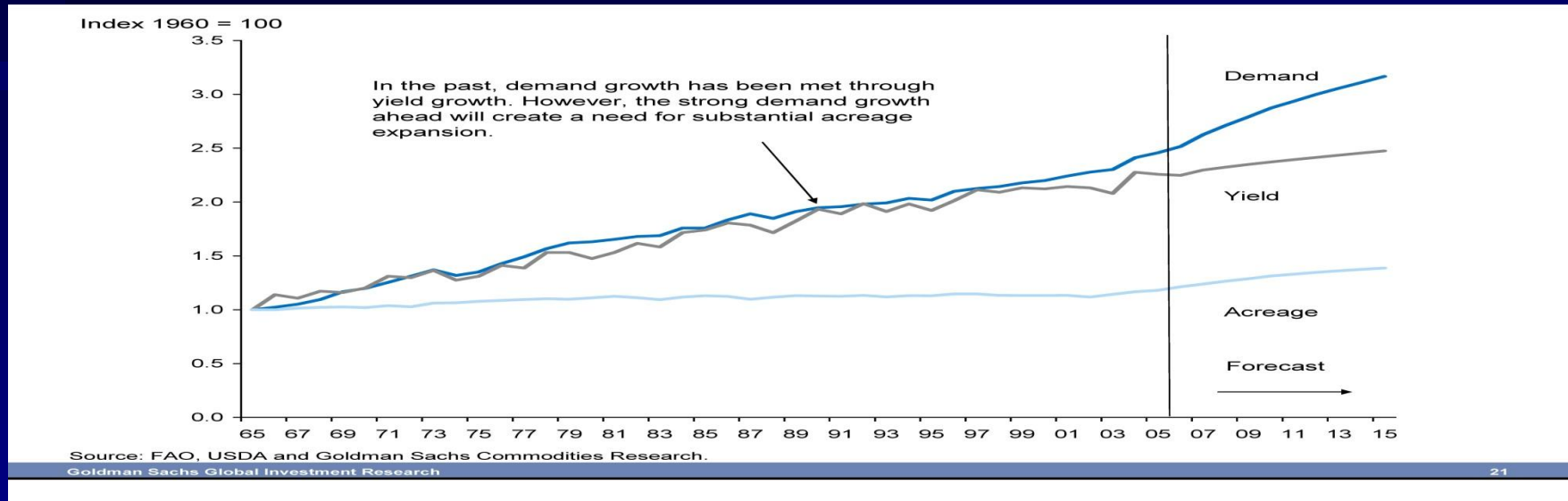
- 1. High and volatile food prices**
- 2. Vulnerable food system and Food-Fuel-Feed nexus**
- 3. Nutrition security at risk**

1. High and Volatile Food Prices



- 44 million fell into poverty due to the food price rise from mid-2010 to early 2011.
- Fiscal policy responses of DMCs to food inflation entail substantial fiscal burdens.

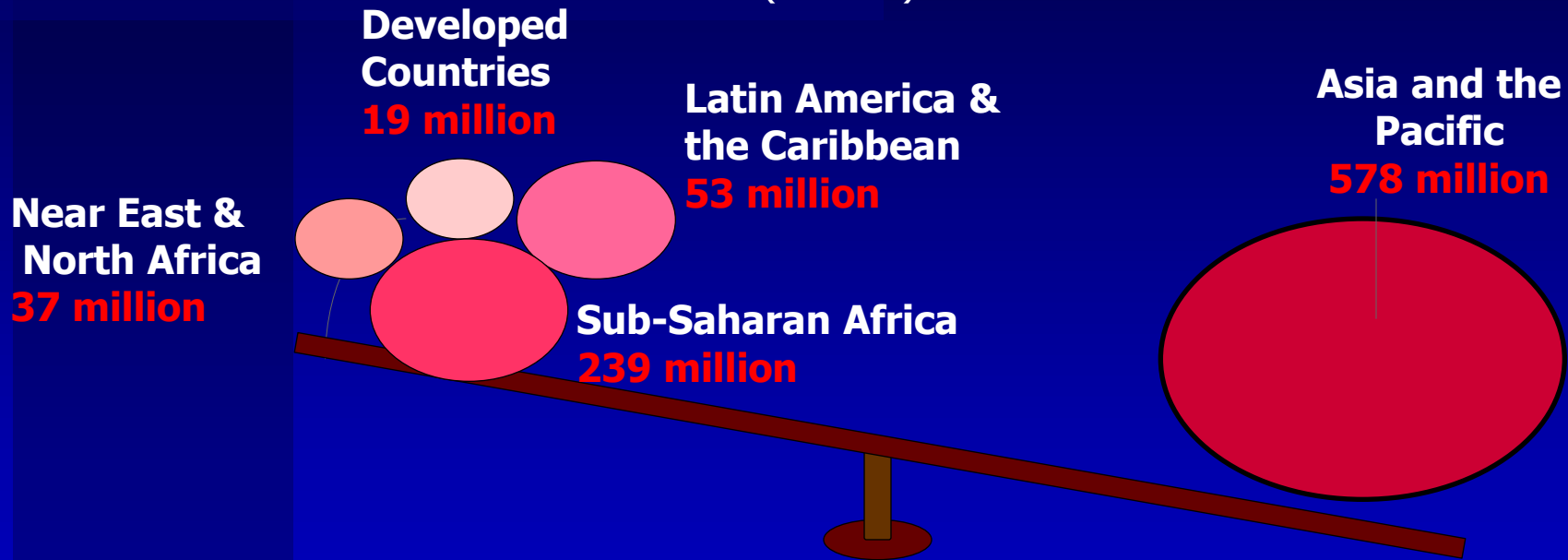
2. Vulnerable food system



- Food productivity must be doubled to feed 9 billion in 2050 (3 billion more middle income consumers in 2030):
 - **resources scarcity** and competing demands among food, feed, energy concerns (Land and water)
 - **adverse climate change impacts**: 20-30% crop output reduction expected in 9 DMCs
 - **Sustainable Transformational productivity improvement**

3. High prevalence of hunger and malnutrition

Undernourishment In 2010 By Region
(Millions)



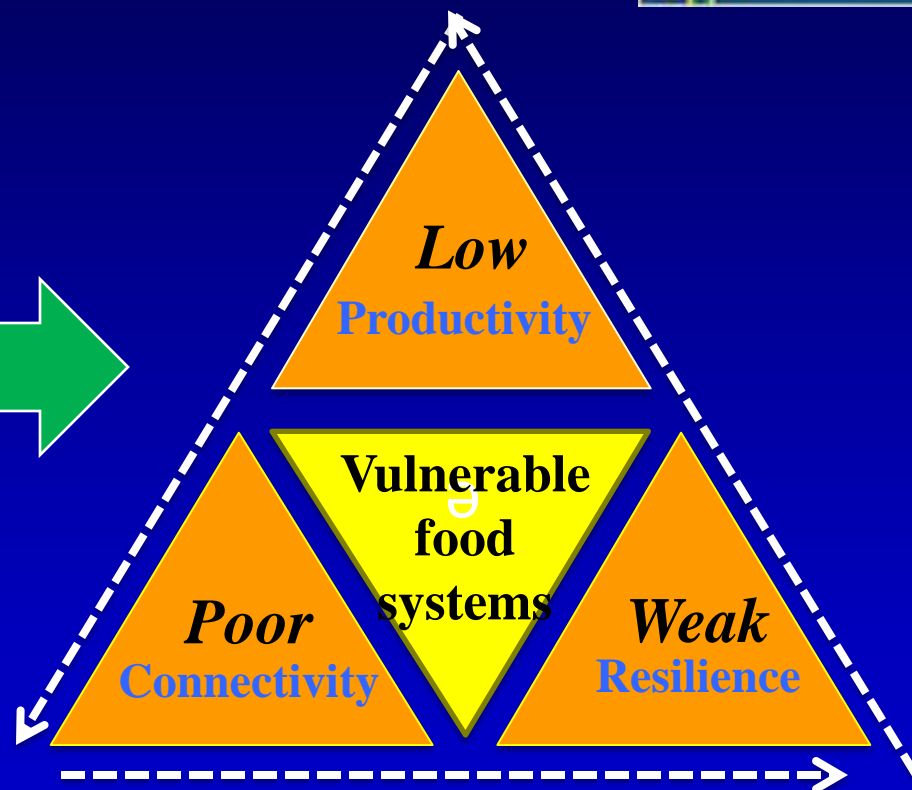
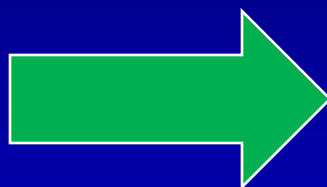
- Asia and Pacific region: home to 2/3 of the undernourished in the world.
- Human capital of next generation in developing Asia is at risk: almost half of children under 5 is stunted in South Asia.

Operational Plan for Sustainable Food Security

Achieving Asia's sustainable food security is an underlying element for the strategic agenda of Strategy 2020



- Multisector approach
- Value addition
- Partnership
- \$2 billion annually

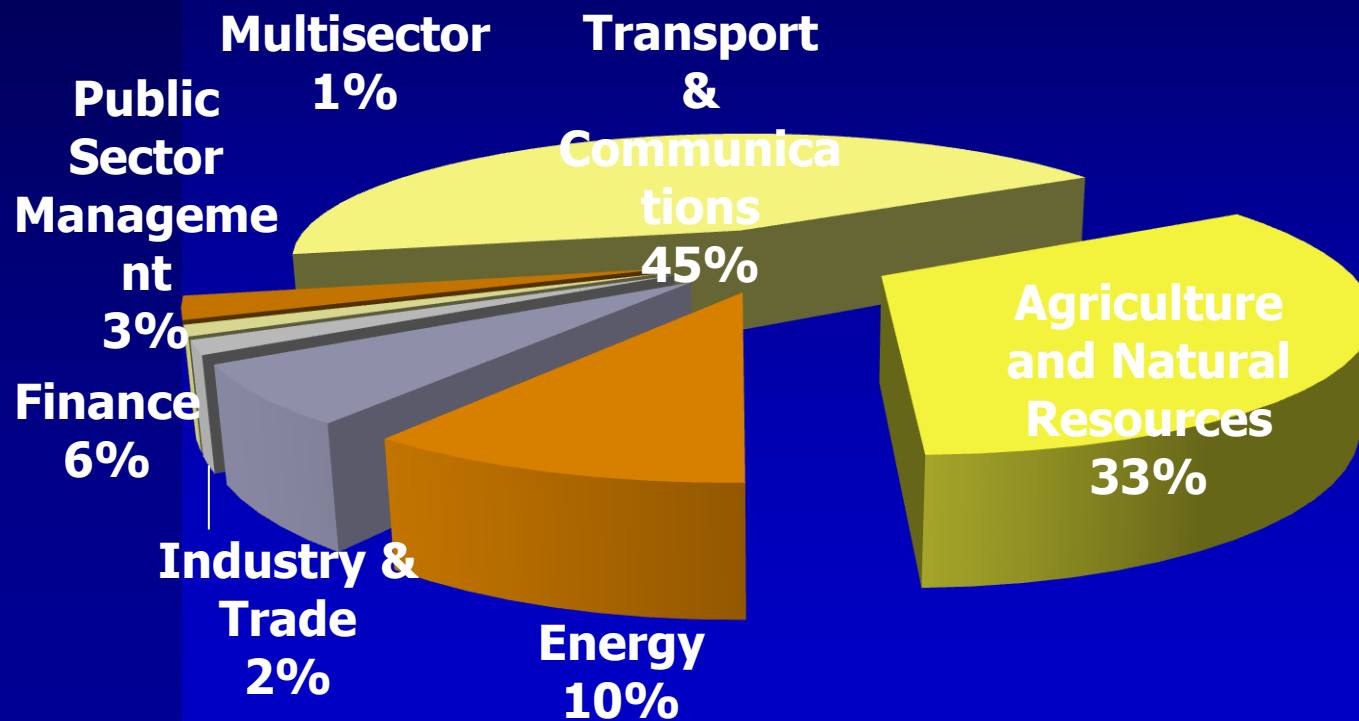


Weak governance
Low & uneven growth

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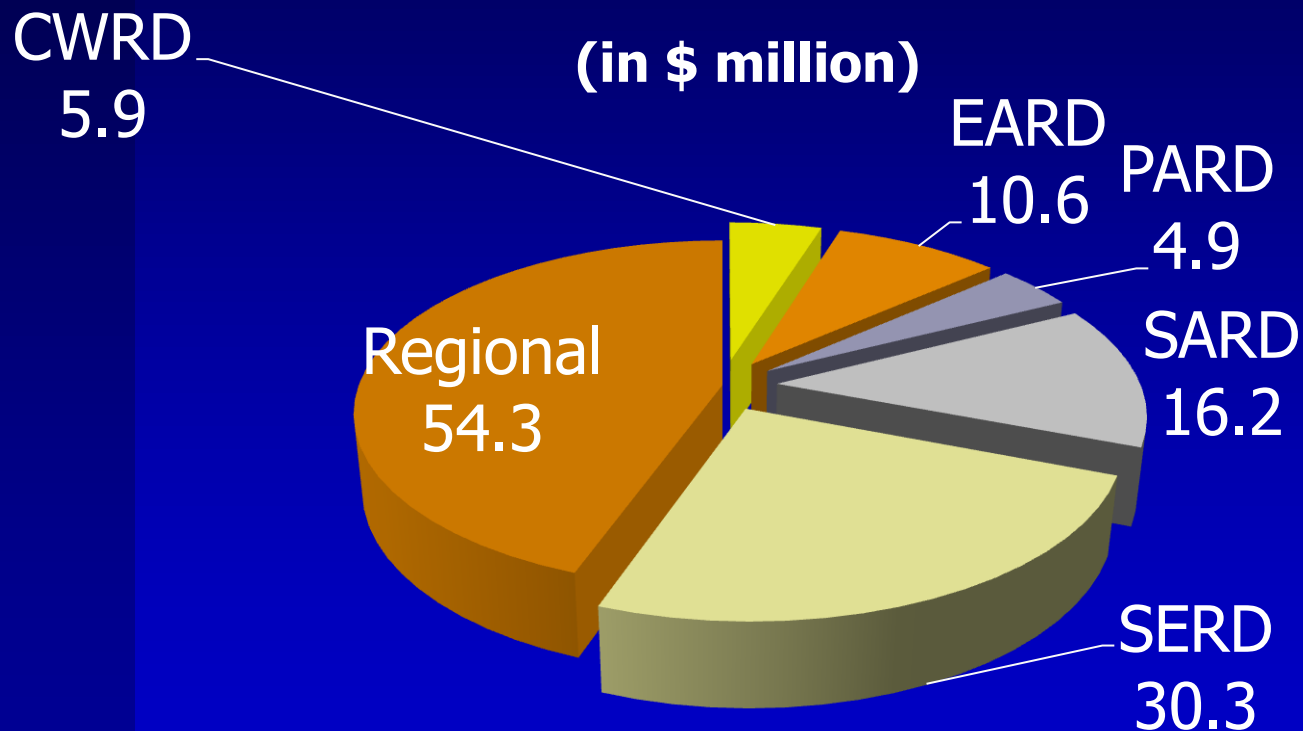
FS Investments 2009-11

Sectoral distribution



Food Security TA in 2011

Regional distribution



Portfolio for 2012

- New Cluster Research for Development Technical Assistance on Food Security Challenges :
 - Innovations for More Food with Less Water (water saving measures and conservation investment measures)
 - Innovative Financing for Food Security and Agriculture Development (new approach for financing food security investments)

For More Information

- ADB Web site: www.adb.org
- Food Security Website:
<http://www.adb.org/Food-Security/default.asp>
- ADB's business opportunity site:
www.adb.org/Business/Opportunities/prpprjcs.asp