Transforming MDG growth pattern for SDGs

Pingfan Hong
DESA/DPAD
2015-02-11
Outline

- Sustained, inclusive and equitable growth as effective path towards MDGs
- Nexus among growth, inequality and MDGs
- Necessary conditions for sustained growth
- Macroeconomic stability for sustained growth
- Making growth inclusive through employment and productive jobs
- Making growth equitable by improving equality in opportunity and outcome
- Transforming MDG growth pattern for SDGs
Sustained, inclusive and equitable growth

- Sustained growth: robust and stable in pace, lasting for 2-3 decades
- Inclusive growth: majority participating and benefiting from growth
- Equitable growth: equality in opportunity and income
- Interdependency of the three features
Nexus among growth, inequality and MDGs (1)

Trends in child mortality and GDP per capita, 1990 - 2013

- Under-5 mortality rate per 1,000 births
- GDP per capita, ppp (constant 2011 international $)

- East Asia and Pacific
- Europe and Central Asia
- Latin America and the Caribbean
- Middle East and North Africa
- South Asia
- Sub-Saharan Africa
Nexus among growth, inequality and MDGs (2)
Nexus among growth, inequality and MDGs (3)
Nexus among growth, inequality and MDGs (4)
A framework to analyze growth effect on poverty reduction

Poverty and density functions for sub-Saharan Africa, India and China, 2010

Poverty rate: 48%  31%  12%
Exercise 1: growth effect on poverty reduction in sub-Saharan Africa

Different growth elasticity on poverty reduction over time

GDP growth: 20% 20% 20% 20%
Poverty reduction (pts): 12 15 8 13
Elasticity: 0.60 0.75 0.40 0.65
Exercise 2: growth effect on poverty by country

Sub-Saharan Africa

India

China

Growth: 50%  50%  50%
Poverty reduction: 27  29  9
Elasticity: 0.54  0.58  0.18
Exercise 3: growth effect on poverty with improved inequality (sub-Saharan Africa)

Poverty: Original 48%  With 50% increase in average daily consumption 21%  Improve equality 14%
Key points from the 3 exercises

- Growth effect on poverty reduction in a country varies over time
- Growth effect on poverty reduction varies across countries
- The estimates of “growth elasticity on poverty” by cross-country regression are biased
- The framework based country-specific density functions over time provides better estimates
- Headcount poverty underestimates growth effect on poverty reduction
- Meaningful poverty reduction requires sustained growth
- Improved equality can enhance growth effect on poverty reduction
Growth and inequality

Figure II.5.a Income inequality and growth (full sample)
Full sample: Growth = 3.597 - 0.0479 * Gini

Source: UN/DESA

Figure II.5.b Income inequality and growth (sample for Gini < 3)
Gini less than 30%: Growth = 0.827 + 0.0615 * Gini

Source: UN/DESA

Figure II.5.c Income inequality and growth (sample for Gini < 4)
Gini less than 40%: Growth = 1.727 - 0.0287 * Gini

Source: UN/DESA

Figure II.5.d Income inequality and growth (sample for Gini < 5)
Gini less than 50%: Growth = 3.484 - 0.0322 * Gini

Source: UN/DESA
Building necessary conditions for sustained growth (1)

- **High-level investment in physical capacity**
  Government spending on infrastructure; domestic savings and foreign savings; effective, stable and inclusive financial sector

- **Human capital**
  Childhood development, education, training, health

- **Technological innovation**
  Broad “innovation”, technology transfer, industrial policy, trade and FDI policies
Building necessary conditions for sustained growth (2)
Managing broad macroeconomic stability for sustained growth(1)
Managing broad macroeconomic stability for sustained growth (2)

Inflation rates in developing countries 1991-2013
Managing broad macroeconomic stability for sustained growth (3)
Managing broad macroeconomic stability for sustained growth (4)

Global financial crisis leading to loss of GDP in developing countries ($billion)
Managing broad macroeconomic stability for sustained growth(5)

Three categories of macro stability:

- **Domestic stability**: structural balance, inflation, government and private sector debt, investment, employment;
- **External shocks**: foreign capital flows, international prices of oil and other primary commodities, exchange rate, and current account balance;
- **Stable international economic environment**.
Managing broad macroeconomic stability for sustained growth

Policies in the first category:

Monetary policy
- Policy objective and instruments
- Inflation targeting: rule versus flexibility

Fiscal policy
- From pro-cyclical to counter-cyclical
- Fiscal rules
- Medium-term expenditure frameworks
Managing broad macroeconomic stability for sustained growth(7)

Policies in the second category:

- Stabilization fund to deal with volatile commodity prices
- Capital management to mitigate surge and reversal in capital flows
- Capital and financial accounts openness
- Exchange rate policy and foreign reserves
Managing broad macroeconomic stability for sustained growth

Policies in the third category:

International macroeconomic policy coordination

Reforms to international financial system and global governance
Making growth inclusive through employment and productive jobs (1)

When growth is not inclusive, effect on poverty reduction is limited

Figure II.12a GDP per capita growth in Africa (2001-2011)

GDP per capita growth, 2001 - 2011

<table>
<thead>
<tr>
<th>Year</th>
<th>Resource-rich</th>
<th>Resource-poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001-2007</td>
<td>3.27</td>
<td>2.01</td>
</tr>
<tr>
<td>2008-2011</td>
<td>2.83</td>
<td>0.92</td>
</tr>
</tbody>
</table>

Source:

Figure II.12b Poverty reduction in Africa (2001-2011)

Trends in poverty in selected Sub-Saharan African countries, 2001 - 2011

<table>
<thead>
<tr>
<th>Year</th>
<th>Resource-rich</th>
<th>Resource-poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001-2007</td>
<td>42</td>
<td>55</td>
</tr>
<tr>
<td>2008-2011</td>
<td>40</td>
<td>49</td>
</tr>
</tbody>
</table>

Source:
Making growth inclusive through employment and productive jobs (2)

When growth is not inclusive, effects on other MDGs are also limited
Making growth inclusive through employment and productive jobs (3)

Three categories of policies to make growth inclusive

Boosting labour demand:
   Improve business environment, reduce hiring costs, support SMEs, aggregate demand

Building human capital:
   Education, skill training, match skills

Lifting labour income and labour productivity:
   Structural transformation, labour-intensive sector, agricultural productivity
Making growth inclusive through employment and productive jobs (4)

Figure II.13 Structural changes and labour productivity growth in sub-Saharan Africa

Structural changes and labour productivity growth in Sub-Saharan Africa during the 2000s

Per cent

-4 -3 -2 -1 0 1 2 3 4 5 6

Angola Cameroon Ethiopia Ghana Kenya Malawi Mali Mauritius Mozambique Nigeria Rwanda Senegal South Africa Tanzania Uganda Zambia Average

Within sector Structural
Making growth equitable by improving equality in opportunity and outcome (1)

Figure 14 Gini coefficients of educational inequality by sex in some regions
Making growth equitable by improving equality in opportunity and outcome (2)
Making growth equitable by improving equality in opportunity and outcome (3)

Three categories of policies to make growth equitable

Improving equal opportunity:
- Skill training, equal access capital, land, justice system, infrastructure, jobs; women’s opportunity to employment

Reducing income inequality:
- Redistributive measures
- Social safety nets and social protection floors

Improving international equal opportunity for developing countries
Making growth equitable by improving equality in opportunity and outcome (4)
Transforming MDG growth pattern for SDGs (1)
Transforming MDG growth pattern for SDGs (2)
Transforming MDG growth pattern for SDGs (3)

Important steps for the transformation

Count full value of environment:

Mainstreaming the System of Environmental-Economic Accounts (WEES)

Get the prices right for environmental goods and services:

Taxes and regulations

Effective, inclusive, equitable and environment-protecting institutions
Transforming MDG growth pattern for SDGs (4)

From “sustained, inclusive and equitable growth” for MDGs to “sustainable, inclusive and equitable growth” for SDGs:

People-centered policies continue to be important
High-level investment, human capital, technology innovation focused more on SD
How to include environmental factors in macroeconomic policies?
SD infrastructure, more green jobs
Challenges for policy prioritization and coordination
An integrated policy framework for SDGs?
Thank you