



United Nations
Department of Economic and Social Affairs

Integrated assessment Balancing Physical limits, Economic determinants and Social Aspirations

Diana Alarcon
Chief, Development Strategy and Policy
UNDESA-DPAD

Inter-regional Workshop
Experiences and Lessons Learned from ECOSOC National Voluntary Presentations
Kingston, Jamaica, 2-4 December 2015



MDGs

8 Goals

21 Targets

2030 Agenda

Sustainable Development

17 Goals

169 Targets

SDGs – 17 goals, 169 targets

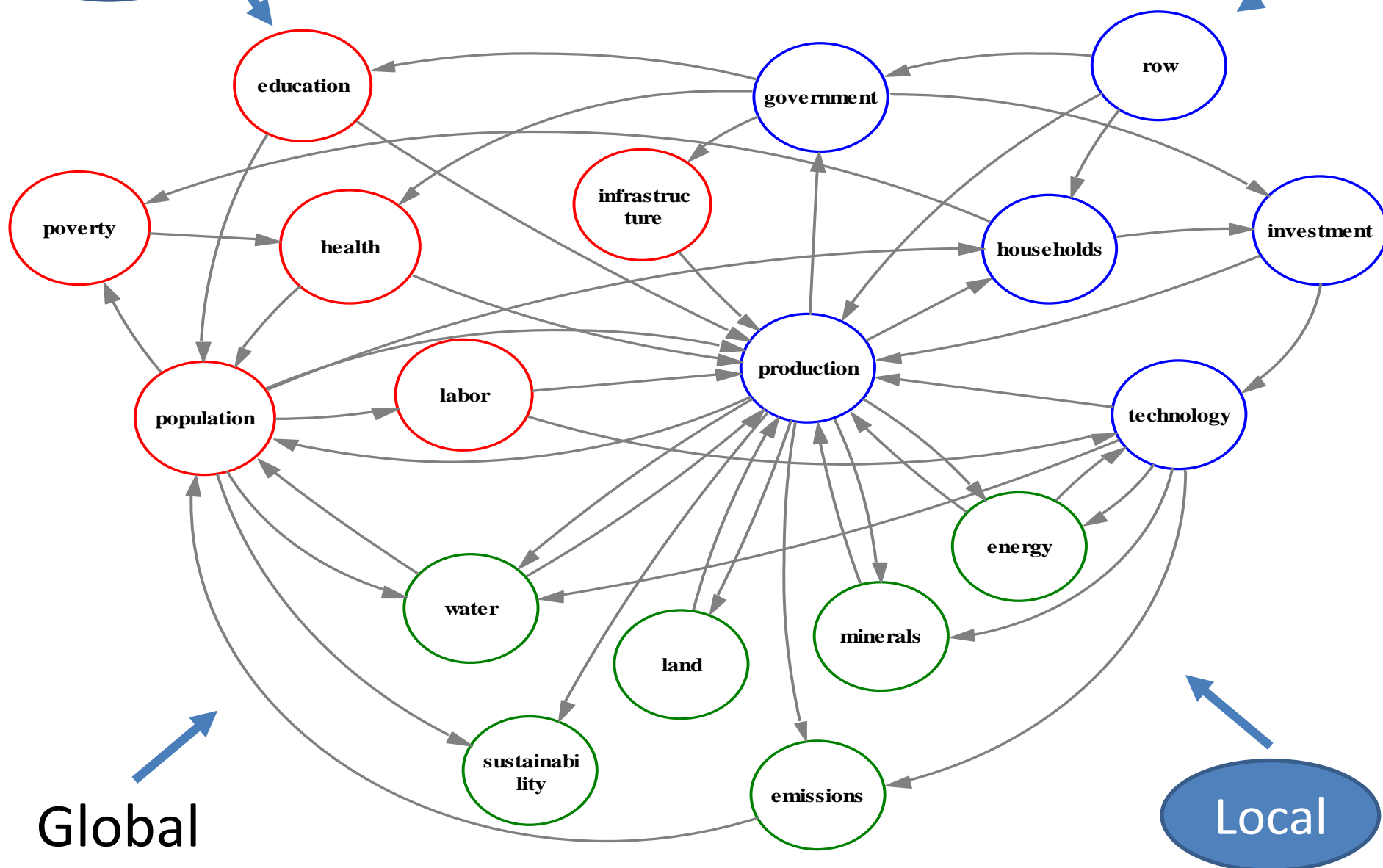
21 Oct 2015

1. End poverty in all its forms everywhere
2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture
3. Ensure healthy life and promote well being for all at all ages
4. Ensure inclusive and equitable quality education and promote life-long learning opportunities for all
5. Achieve gender equality and empower all women and girls
6. Ensure availability and sustainable management of water and sanitation for all
7. Ensure access to affordable, reliable, sustainable and modern energy for all
8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all
9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation
10. Reduce inequality within and among countries
11. Make cities and human settlements inclusive, safe, resilient and sustainable
12. Ensure sustainable consumption and production patterns
13. Take urgent action to combat climate change and its impacts
14. Conserve and sustainably use of oceans, seas and marine resources for sustainable development
15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss
16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all, and build effective, accountable and inclusive institutions at all levels
17. Strengthen the means of implementation and revitalize the global partnership for sustainable development

Complex development challenges

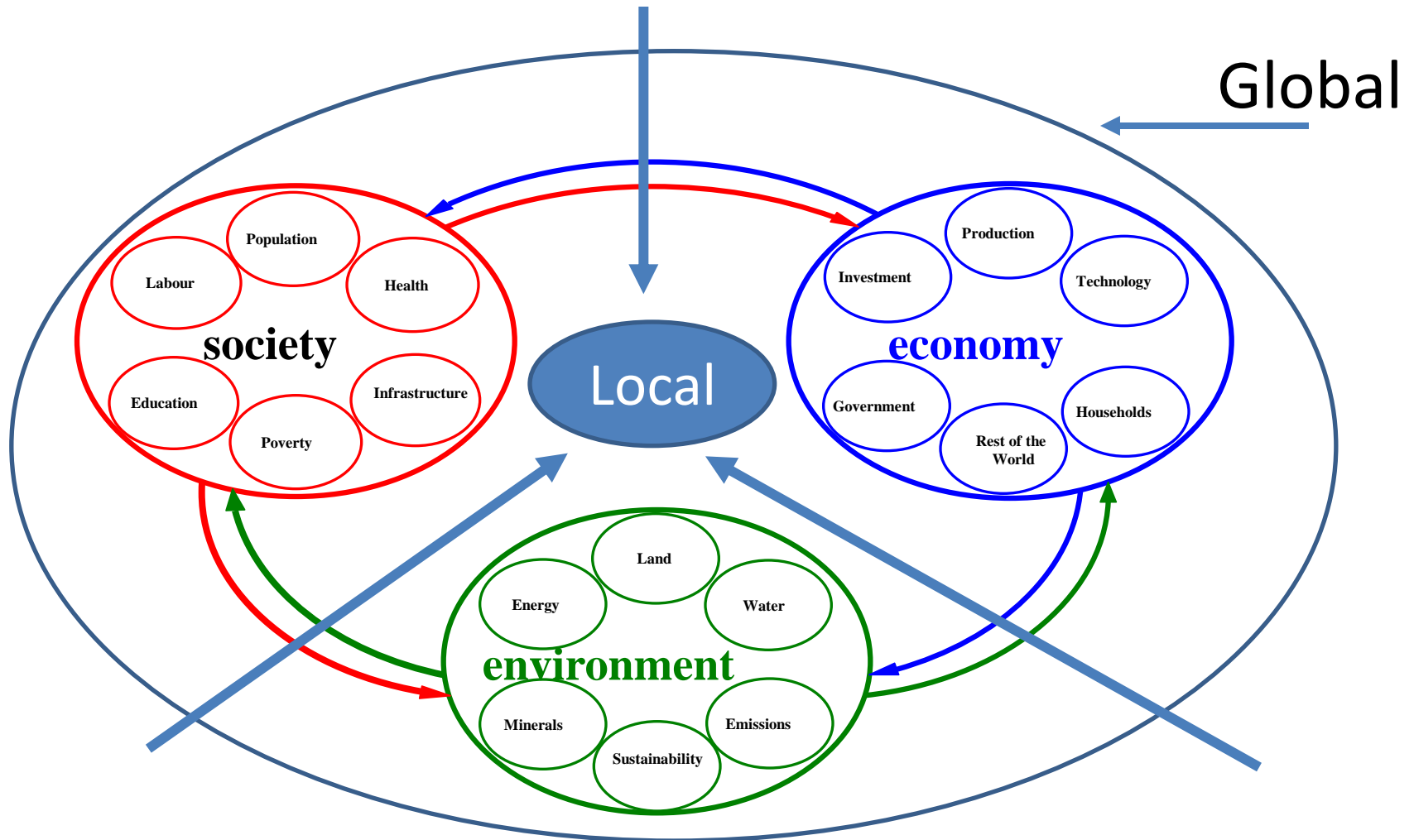
Global

Local



Global

Local



The complexity of development challenges



MDGs
8 Goals
21 Targets

2030 Agenda

Sustainable Development

17 Goals
169 Targets



Tools

Approach

Economy-
wide
modelling

Socio-
economic
impact
simulation

Modelling
Energy
Systems

Integrated
Assessment
System
Modelling

- Sound, adapted & based on NATIONAL development PRIORITIES
- Accessible, unrestrained from proprietary specification (**open source**)
- User-friendly, communication effective
- Tapping on research & the knowledge-creation communities
- **BUILDING CAPACITY**



Principles of building capacity

- Demand driven
- Focused on informing policy decisions
- Emerging from national policy priorities
- Continuous interaction with policymakers
- Centred on training/learning of government officials
- Full transfer of analytical tools
- Open source software
- Effective communication of results