Science, Technology, Innovation and Sustainable Development Challenges

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Innovation to meet sustainable development challenges

•! Technological innovation will play a central role in meeting

Enabling and accelerating innovation to meet SD challenges

- •! Prioritization; identification of technology pathways
- Managing and coordinating actors and activities across various stages of technology cycle to
 - Ensure availability, applicability, and utility of technologies (technology absorption, adaptation and demonstration)
 - -! Explore suitable deployment model(s)
 - Scale up adoption
- Learning from experience

Must consider 3 (interconnected) Cs for strengthening innovation for SD challenges

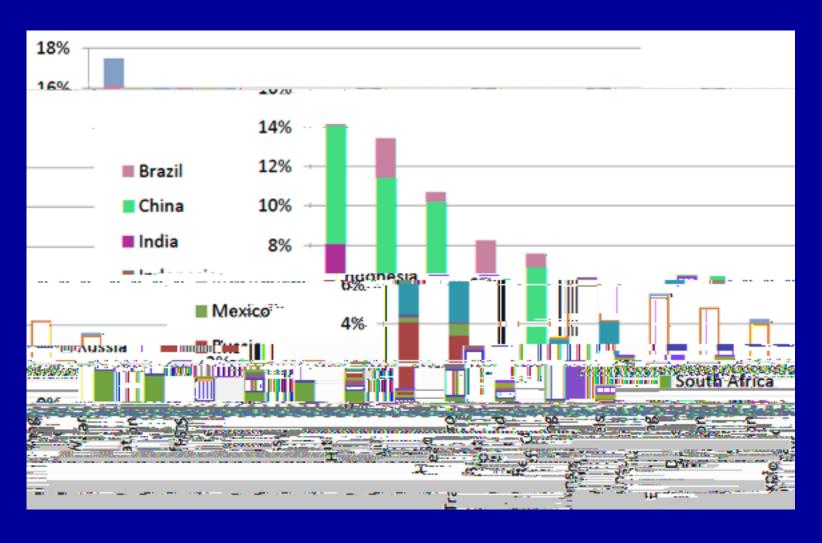
- •! Context
- •! Choices
- •! Capabilities

International technology capability landscape – R&D

International technology capability landscape – researchers



Tech capability landscape – energy patents



Key activities to support innovation to meet SD challenges

- Development of human and institutional capabilities to support innovation
 - Education and training; policy development (national governments)
 - Targeted capacity building (international programs)
- •! Ensuring availability of appropriate technologies and finance
 - -! Technology Bank; CGI AR...
 - Green Climate Fund, Global Environmental Facility...
- •! Knowledge support (technical, best practices for deployment, etc.) at various stages of technology cycle (international programs)
 - -! Technology Facilitation Mechanism; Climate Technology Center & Network...