

Green Economy, Mountains and Youths

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Outline

1. Why Green Economy?
2. What is Green Economy?
3. Why mountain matters in Green Economy?
4. What are the opportunities mountain regions of developing countries in promoting GE ?
5. What are the Challenges?
6. What policies & insitutional measures are needed to promote green economy & sustainable mountain development?
7. Role of Youth in Promoting Green Economy

1. Why do we need Green Economy?

- Current economic model – affecting the environment & natural resource-
- Global ecological footprint already exceeds the Earth's capacity by 30%.
 - *High carbon emission*: global warming, **Climate change**
 - **Accelerated resource depletion/degradation**: loss of biodiversity, **Resource shortages**: energy, water, food
> **Poverty**
- **We will need 2.3 earth to support 9 billion people in 2050**

Why do we need Green Economy?

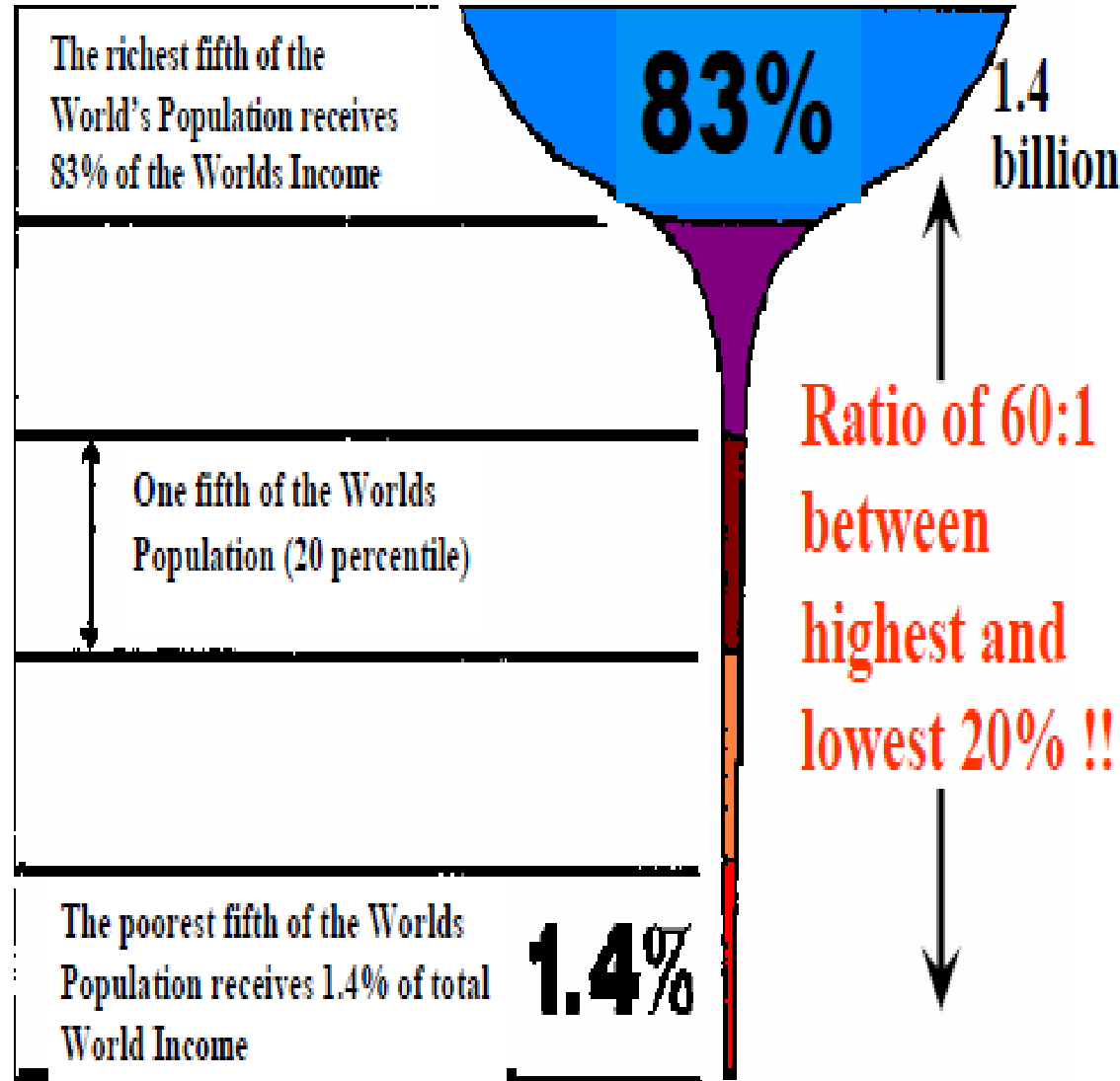


- Financial-economic crisis
- Extreme events, social conflicts, mass migrations,...

Persistent Poverty, Growing Inequality



We need a different economic model which can—sustain economic growth, protect environment, ensure social justice



2. What is a Green Economy

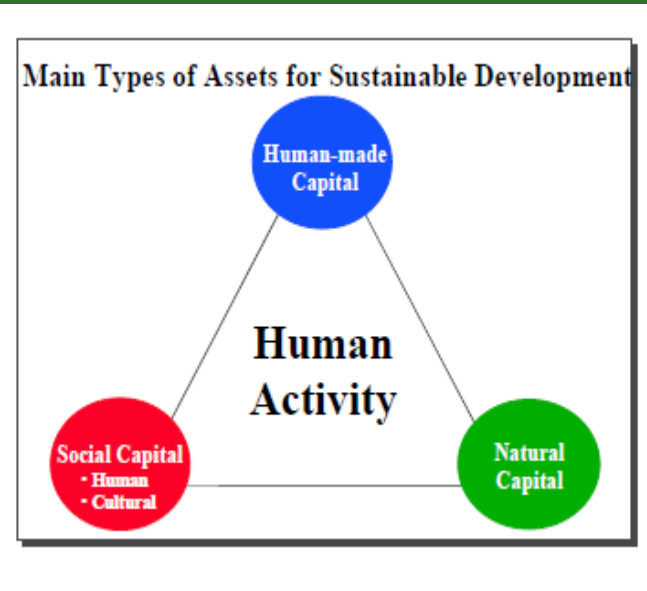
- A Green Economy is one that results in increased **human well-being and social equity**, while **significantly reducing environmental risks & ecological scarcities**
- GE is a **economic vehicle** for sustainable development.

3. Why mountains matter in Green Economy ?

- Economic security & human wellbeing are fundamentally dependent on **ecosystem goods & services**

- Mountains are an important source of ecosystem services

- About half of the world's population depends on mountains for fresh water, clean energy, irrigation water, minerals, forest, NTFPs products, recreation, & genetic resources.



Why mountains matter in Green Economy ?



- 50% of global biodiversity hotspots & 33% of all protected areas are in mountains.
- Mountain ecosystems contribute to national, regional & global environment & economy
- To advance GE in mountains & plains – have to **ensure sustained flow of resources & services from the mountains.**

4. What are opportunities ?

- GE recognizes the value of ecosystems & their services in production & consumption
- Growing realization of the role of ecosystem services
- Markets for mountain ecosystem services are emerging: PES, REDD, REDD +, green certification, green marketing, bio-trade, bio-prospecting, ecotourism, ...

5. What are Challenges ?

- How to provide adequate incentives to mountain communities
- How to value regulating & supporting ecosystem services
- How to create markets for mountain ecosystem services
- Global market-based instruments such as CDM, REDD, REDD+, PES are not functioning well in mountain regions

6. What policies & insitutional measures are needed ?

- A comprehensive policy & institutional framework is required at three levels: **national, regional & global.**
- **National Level**
 - Institutionalizing the compensation of MESs
 - **Create market for MESs:** encourage private sector through appropriate policy & regulatory support
 - Correct policy, institutional & market failures
 - Strengthen policy & regulatory framework for creating conducive environment for investment in mountains

What policies & insitutional measures are needed ?

- **Regional Level**

- Promote and strengthen network and partnership among mountain regions to frame issues, helping states with ideas to address trans-boundary issues
- Strengthen the information & knowledge base, capacity building

What policies & insitutional measures are needed ?

- **Global Level**

- Establish principles & instruments to provide adequate incentives for conservation of mountain ecosystem services.
- Create global market for globally significant MESs
- Global commitment to and resources for conservation of mountain ecosystems.
- Differentiated approach for conservation of mountain ecosystems

7. Role of Youth in Promoting Green Economy

- To promote GE need concerted efforts
- Youth are the prime stakeholders
- Youth have to work all the three levels: national, regional, global

Thank you

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Green economy and sustainable
mountain development
opportunities and challenges in view of rio+20
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