


# Role of Small Hydropower Development: Contribution to the Berlin Water Initiative

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# Message of this presentation

- *Berlin Water Initiative renews Process of shared vision and enhances development opportunities*
- **Increased concern for climate change mitigation creates more opportunities for hydropower development**
- *Development of small hydropower is being promoted by ESCAP to contribute to development of eco-efficient water infrastructure and to energy security*
- **More development will enhance mutual trust**



# Points of discussion

- **The Berlin Process: Lessons of the Mekong cooperation**
- **Small Hydropower Development (SHD): opportunity for climate change mitigation**
- **Promotion of eco-efficient water infrastructure: Green Growth approach**
- **Linking SHD to strengthening mutual trust**



# The Berlin Process: Lessons of the Mekong Cooperation

- Mekong cooperation led to the creation of the Greater Mekong Subregion (GMS)
- Investment in GMS continues to grow in many aspects, not only water and energy
- Mutual trust: firm foundation for political stability and investment
- Mutual trust was strengthened through mutual understanding, mutual accommodation and reliable flow of energy

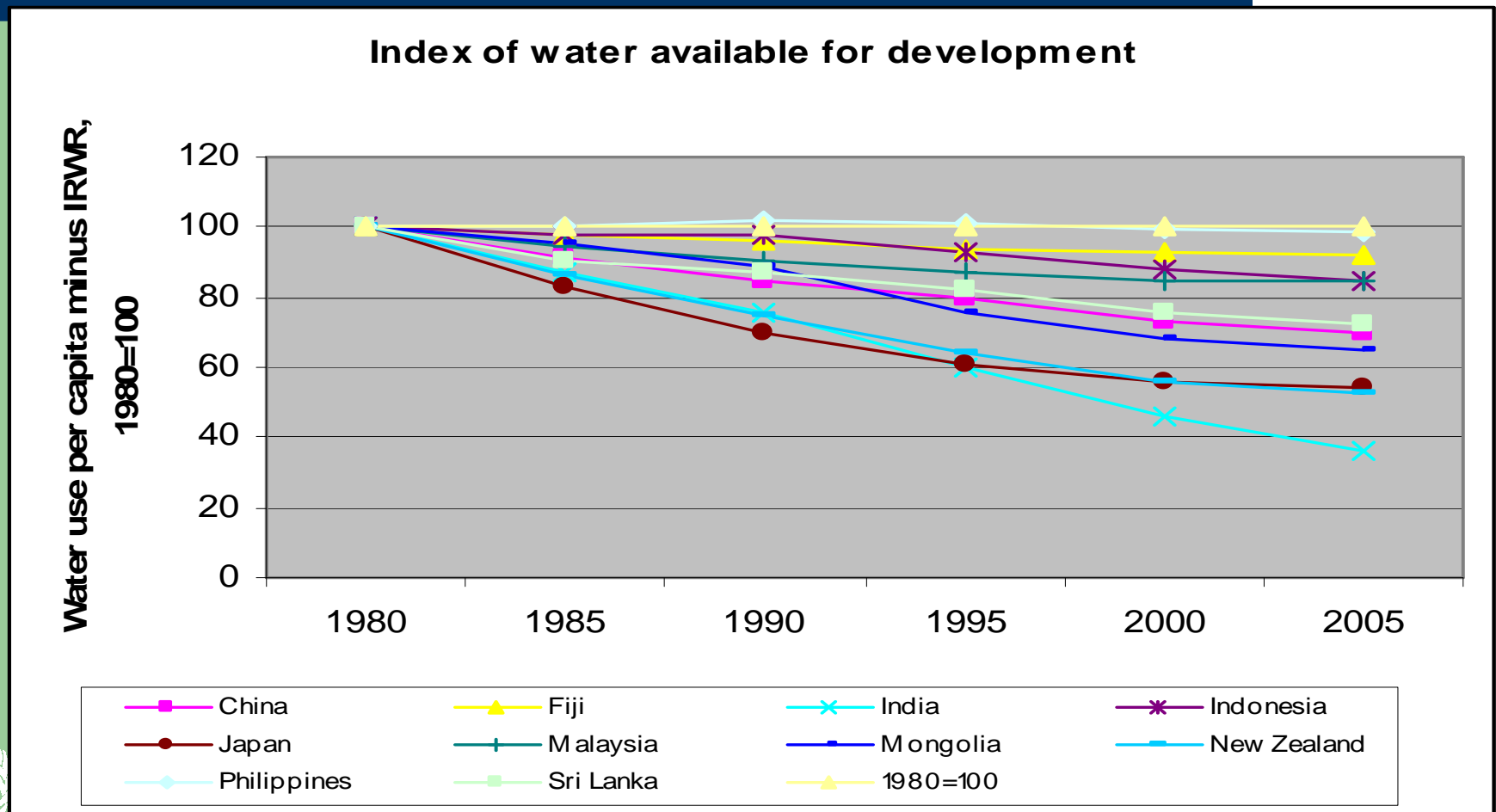


# SHD: opportunity for climate change mitigation

- India has gross potential of SHP projects is more than 15 GW. Annual CER potential in India could reach 24 million tons.
- China has recently approved 44 CER projects including 18 SHP
- Experience of SHD in Central Asia proves promising



# Index of Available Exploitable Water for Development (Non-Highly Stressed Countries)

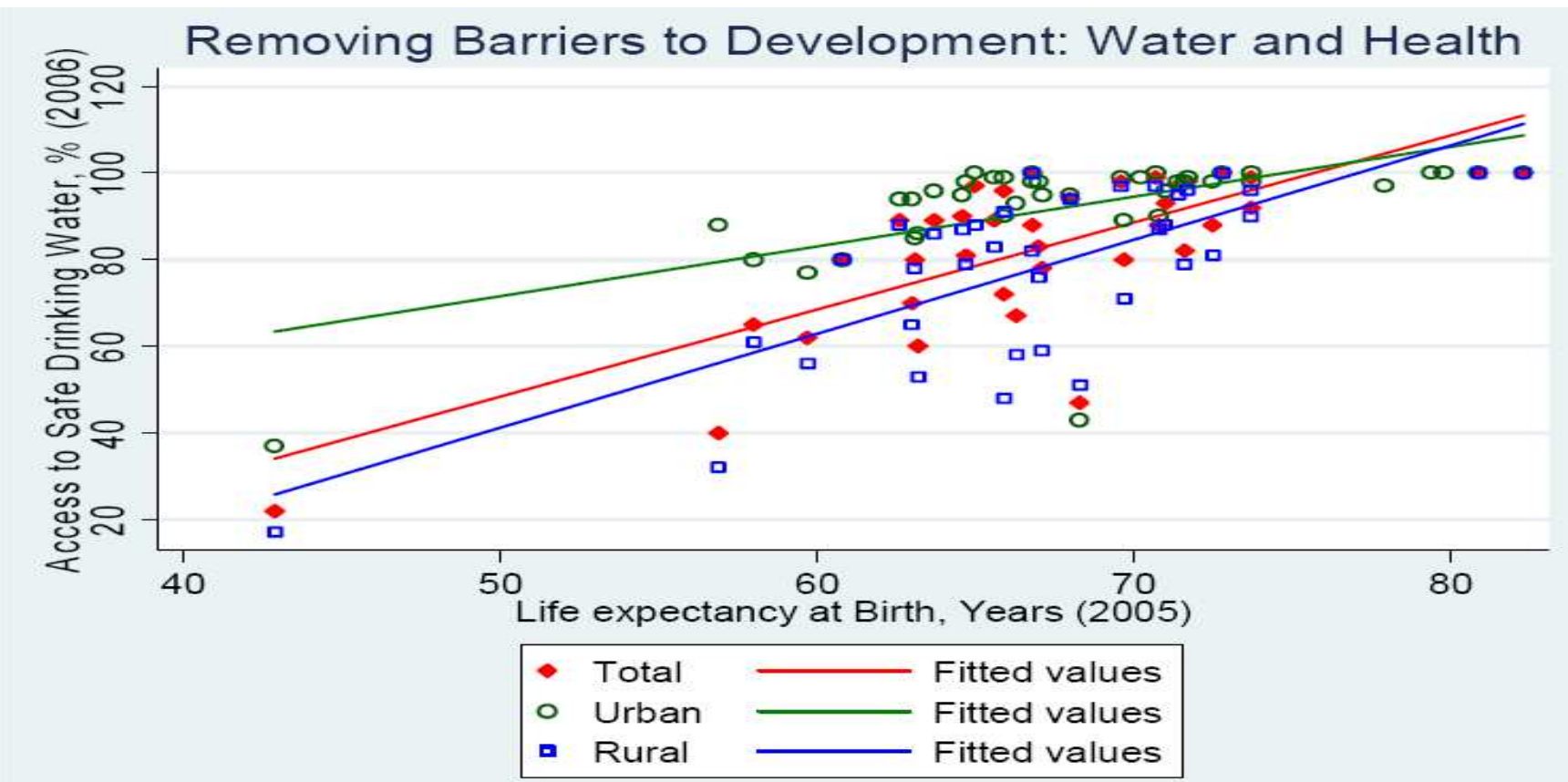


# Promotion of eco-efficient water infrastructure

- ESCAP region is the fastest economic growing region
- Rapid increase in water withdrawal leading to increasing competition among water use sectors and rapid increasing water scarcity
- ESCAP has agreed to collaborate with UNIDO International Centre for SHD
- Several countries expressed interest in pilot projects on PPP in SHD



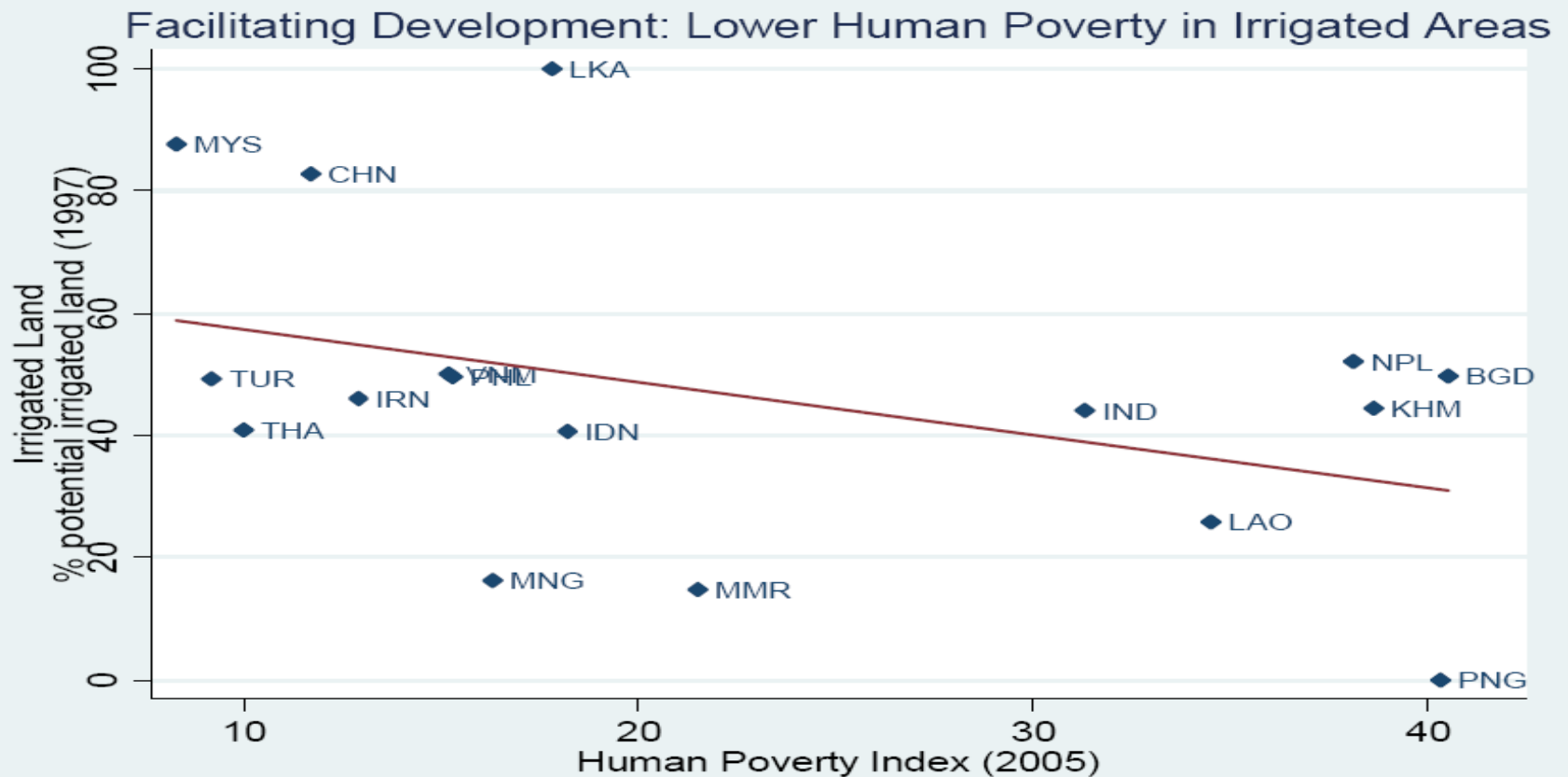
# Water as a barrier to development



United Nations Economic and Social Commission for Asia and the Pacific



# Water: opportunities for development



United Nations Economic and Social Commission for Asia and the Pacific



# Linking SHD to strengthening mutual trust

- ESCAP with its long experience in promoting mutual understanding and mutual trust through the Mekong cooperation will contribute to SHD
- Efforts will be made to link SHD to community-resilience and water security
- Good experience of SHD in Central Asia will be replicated.



ENVIRONMENTALLY SUSTAINABLE ECONOMIC GROWTH FOR THE WELLBEING OF ALL



**Thank You**



United Nations Economic and Social Commission for Asia and the Pacific