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

Removing Barriers to Development: Water and Health

Access to Safe Drinking Water, % (2006) vs. Life expectancy at Birth, Years (2005)

- Total
- Urban
- Rural

Fitted values
Water: opportunities for development

Facilitating Development: Lower Human Poverty in Irrigated Areas

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.
Thank You