

Multiple Use Services: Expert Day Introduction





Rationale/Aims

- Pilots and policy: Multiple-use services are superior to single-use services in terms of livelihood benefits from investments
- Can we corroborate through Cost-Benefit Analysis and performance indicators?
- How does CBA help taking next steps for MUS policy advocacy, implementation and research, e.g. MUS Group and CPWF?



Define: services

- What: moving water quantities of certain quality at a certain time/reliability, to a certain site (with implicit users and uses !)
- Who: public services; co-management; self-supply
- Why superior: compared to single-use services; investing in incremental benefits/costs; *de facto* vs. planned



Define: services

- Domestic-plus: homestead; universal intermediate (homestead-scale) MUS: > 50 lpcd; safe quality 3-5 lpcd
- Irrigation-plus: irrigated areas; design and management for access
- Community-based MUS: universal, people's priorities for multiple needs from multiple sources
- MUS-plus: including non-water factors





Define: costs of services

Which costs

- Hardware and software of infrastructure
- Financial / economic

Who pays

- Public sector subsidies/grants
people's costs, e.g. labor (negative
livelihood benefits)





Define: benefits of services

Which benefits

- Financial/economic; multi-criteria analysis
- Scale: number of users/class/gender
- Types of use and related valuation:
produce, nutrition, income, health, culture;
negative: pollution
- Impacts on environmental values: water
services for ecosystem services

