

Water Week
Environmental Flow Allocation Session Outline

1. Introduction-Tony Garvey (5 mins)
 - Water Resources-Environmental Challenges (window context & rationale)
 - Water Resources System—water and aquatic ecosystems
 - Internal drivers (Water Resources Management Policy, Safeguard policies, Env. Strategy, Water Resources Sector Strategy, etc.) and external drivers (World Water Vision, World Commission on Dams, etc.)
 - Sustainability Criteria for the Water Sector
2. Environmental Flow Allocation Window Activities -Rafik Hirji (5 mins)
 - Concept of EFA & window objectives
 - Specific Operational Areas of Support
 - Window Team Members
3. Instream Flow Study for Lesotho Highlands Water Project: Case Study (50 mins):
 - A. Lesotho Highlands Water Project – John Roome (5 mins)
 - Treaty between RSA and GOL (5 phases, hydrology, compensation flows, decision making process—LHDA & LHWC)
 - Phases 1A and 1B (physical components, economic benefits)
 - B. Environmental Issues and Impact Assessment - Rafik Hirji (5 mins)
 - Phase 1A
 - Phase 1B (upstream and downstream Impacts)
 - C. Instream Flow Study - Jackie King (30 mins)
 - Study Overview (objectives)
 - Process (Team, Panel of Experts, Workshops...)
 - Study area & “Population at risk”
 - Methodology (biophysical, social & economic impacts and scenario based)
 - Data requirements and modified approach (for data sparse conditions)
 - Analysis
 - Results and Recommendations
 - D. Economic Impact of Changing IFR Study – John Roome (5 mins)
 - E. Influence on Project Decision Making & Early Lessons – Rafik Hirji (5 min)
4. Discussion (35 mins)
5. Analysis + Recommended Future Directions – Window Team (20 mins)
6. Closing Remarks - Tony Garvey (5 mins)