

**MICRO HYDRO WORKSHOP
KATHMANDU**

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PRESENTATION OUTLINES

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I INTRODUCTION

- ◆ **IN NEPAL, THOUGH AROUND 40 % OF POPULATION HAS ACCESS TO ELECTRICITY, ONLY ABOUT 10 % OF RURAL AREA WHERE ALMOST 85 % POPULATION RESIDE HAVE ELECTRICITY ACCESS**
- ◆ **EXPERIENCES HAVE SHOWN THAT THE BEST OPTION TO PROVIDE MODERN ENERGY SERVICES TO REMOTE VILLAGES IS THE PROMOTION OF RURAL ENERGY TECHNOLOGIES**
- ◆ **AMONG OTHERS, REDP IS A PROVEN “BEST PRACTICE” PROGRAMME THAT IS HIGHLY ACKNOWLEDGED AND BEING REPLICATED IN THE COUNTRY AND ABROAD**
- ◆ **REDP’S OPERATIONAL MODALITY (APPROACH AND STRATEGY) IS BASED ON DECENTRALIZATION AND COMMUNITY MOBILIZATION**

II BACKGROUND

ENERGY SCENARIO

- ✘ ENERGY AS OBVIOUS AS BREATH (SIGN OF LIFE) - ESSENTIAL TO FULFILL ALL BASIC NEEDS AND MDGS
- ✘ LOWER PER CAPITA ENERGY (ELECTRICITY) CONSUMPTION IN RURAL AREAS
- ✘ URGENT NEED OF INCREASING ACCESS TO MODERN AND EFFICIENT ENERGY
- ✘ HUGE POTENTIALS FOR OF RURAL ENERGY SYSTEMS DEVELOPMENT – LONG EXPERIENCES OF PROMOTING BIOGAS, SOLAR, MICRO HYDRO AND ICS

GREAT NEED OF WIDE SCALE PROMOTION OF RETS

RURAL SITUATIONS

- ✘ POVERTY WITH LOWER LITERACY AND TRADITIONAL SKILLS
- ✘ SCATTERED AND SMALL SETTLEMENTS WITH POOR INFRASTRUCTURE AND INADEQUATE SERVICES
- ✘ SOCIAL DISCRIMINATION AND PREJUDICE

URGENT NEED OF DEVELOPMENT OF INITIATIVES/INNOVATIONS

III RURAL ENERGY DEVELOPMENT PROGRAMME

A. *INITIATION* -

Started On 16 August 1996

B. *OBJECTIVE* -

Enhanced Livelihoods Through Promotion of Community Managed Micro Hydro System as an Entry Point

C. *GOAL* –

Peace Building Through Sustainable Development Based-on Social Capital Building, Economic Growth and Environment Management

D. *APPROACH AND STRATEGIES* –

Decentralization and Community Mobilization

E. *CONCEPTUAL PARADIGM* -

- **Enabling Policy And Regulations**
- **Institutional Arrangement**
- **Capacity Development**
- **Resources Mobilization- People, Money, Physical Sources**
- **Equity, Gender And Social Inclusion**
- **Participation, Transparency And Ownership**

KEY LESSON LEARNED

- **Demand for Micro Hydro System is ever Increasing from Remote Districts and Communities Based on Successful Demonstration with Impressive Outcomes and Impacts**
- **CREATION OF DECENTRALIZED INSTITUTIONS AT ALL LEVELS – CENTRE (policy, guidance, resource mobilization, awareness creation, monitoring and evaluation), DISTRICT (bottom-up planning and management, linkages with local agencies and resources, capacity building, technical support services), COMMUNITY (construction, operation, management, repair and maintenance, tariff collection, fund management)**

- ◆ **Local People are Capable to Plan, Implement and Manage Rural Energy (Micro Hydro System)**
- **PROVISION OF ENABLE ENVIRONMENT WITH PROPER GUIDANCE AND CAPACITY BUILDING** – People –centered policy, incentives (subsidy), training, community mobilization for Harnessing People’s Potentials, Mainstreaming Vulnerable Communities and Ensuring Equity
 - ◆ **Micro Hydro System Brings Much More Positive Changes in Lives of Women and Vulnerable Community (IP, Dalits, Ethnic Groups)**
 - **EQUAL OPPORTUNITY AND DISCRIMINATIVE SUPPORT** - Inclusion, Participation, Transparency, Consensus Decision Making in all Aspects, specifically for Economic and Empowerment (Enlightenment)

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- **Rural Energy is a Best Mean of increasing Electricity Access to Rural Area**
 - **HOLISTIC DEVELOPMENT – social, economic and environmental improved through the utilization of local resources such as land, water, forest, skill and labor**

 - **Programme Success is Attributed to Manpower**
 - **COMMITTED AND DEDICATED STAFFS - Moral Character, Compassion, Expertise and Faith on Micro Hydro System as the Entry Point for Village Development and Service to Mankind**

CONCLUSTONS

- **POOR PEOPLE DESERVE GREATER ATTENTION AND SUPPORTS FOR ALLEVIATING POVERTY RESULTED FROM THE AGE OLD DISCRIMINATION.**

- **ENHANCEMENT OF RURAL LIVELIHOODS IS POSSIBLE THROUGH PROMOTION OF RURAL ENERGY SYSTEMS, PRIMARILY THE COMMUNITY MANAGED MICRO HYDRO ELECTRIFICATION PROJECT AS THE ENTRY POINT FOR SOCIAL, ECONOMIC AND ENVIRONMENTAL UPLIFTMENT.**

- **THIS REQUIRES PEOPLE LED MODALITY BASED ON PARTICIPATION, INCLUSION, TRANSPARENCY AND CONSENSUS DECISION MAKING AS WELL AS DEVELOPMENT OF AND ACCESS TO SERVICE DELIVERY INSTITUTIONS AND RESOURCES.**

- **TASK IS CHALLENGING, BUT POSSIBLE THROUGH STRONG SOCIAL CAPITAL BUILDING ALONG WITH HUMAN RESOURCES DEVELOPMENT FOR PARTICIPATORY PLANNING AND MANAGEMENT OF LOCAL RESOURCES AND SKILLS.**

BROAD BASED DECENTRALIZATION AND COMMUNITY MOBILIZATION ARE THE MUST.

THANK YOU !!!