

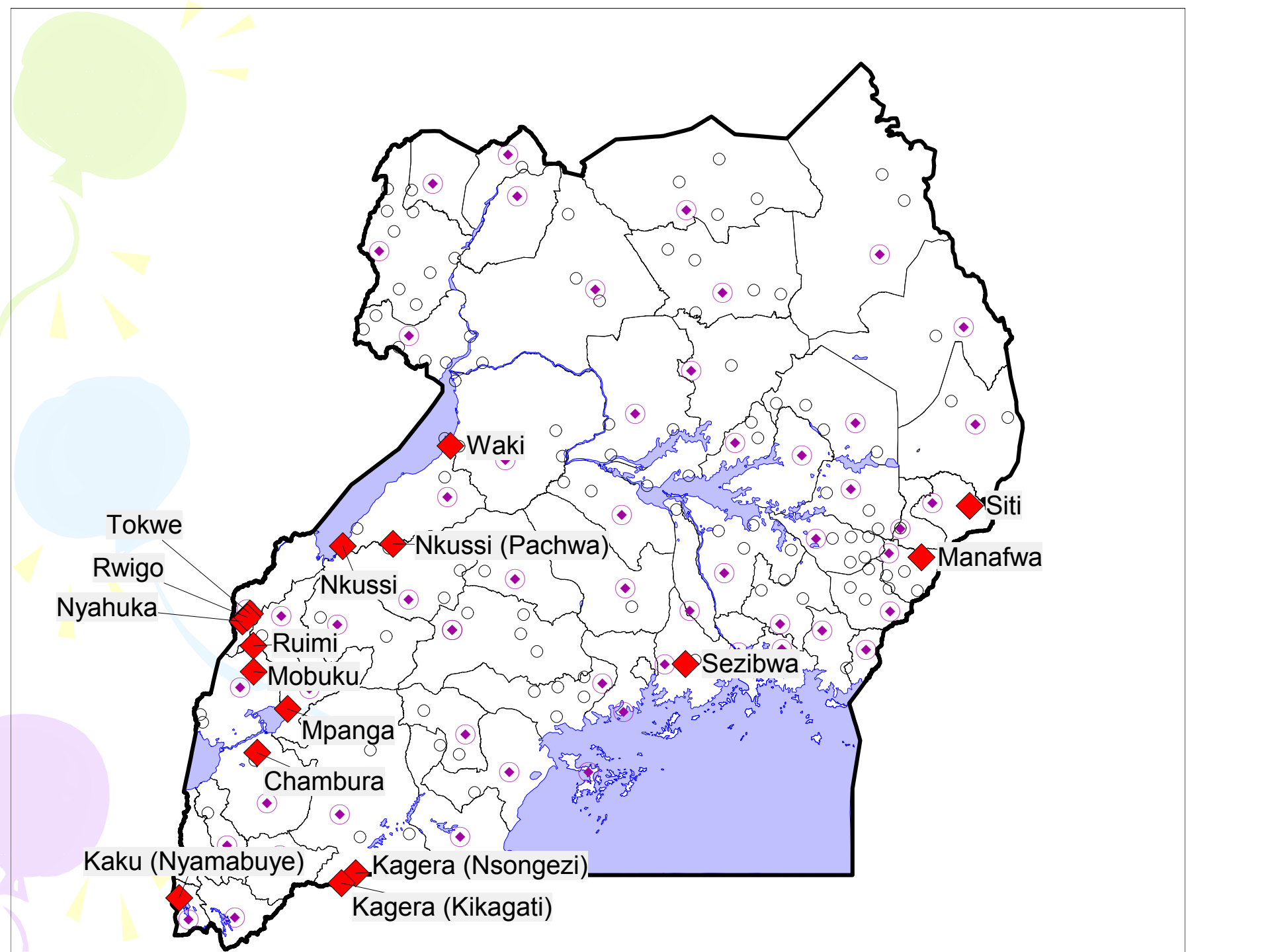
# **PRESENTATION ON ESD E7 UNEP RURAL ELECTRIFICATION WORKSHOP in NAIROBI 1<sup>st</sup> – 3<sup>rd</sup> March 2006**

## ***MIRREA WORK IN UGANDA***

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Waki

Siti

Nkussi (Pachwa)

Manafwa

Tokwe

Rwigo

Nyahuka

Nkussi

Ruimi

Mobuku

Sezibwa

Mpanga

Chambura

Kaku (Nyamabuye)

Kagera (Nsongezi)

Kagera (Kikagati)

# BRIEF PROFILE OF UGANDA

- AREA IN SQUARE KMS = 241,038KM
- POUPULATION = 26.6 MILLION
- POPULATION WHICH IS URBAN = 2.2%
- POPULATION GROWTH RATE = 3.4% P.A
- PERCAPITA INCOME = 300\$ P.A.
- PERCAPITA ELECT.CONNS. = 44KWH/YEAR
- POPULATION ACESS TO POWER = 9%
- ACCESS TO POWER IN RURAL AREAS = 3%
- Total Installed Capacity = 430MW
- HYDRO POWER POTENTIAL = 2000MW
- INFLATION RATE =5% PER YEAR
- ECONOMIC GROWTH RATE =6% PER YEAR



# **OBJECTIVES**

- **TO IDENTIFY THE RISKS THE PROJECTS ARE FACING.**
- **TO MITIGATE THE MAJOR RISKS.**
- **TO STRENGTHEN CAPACITY FOR THESE PROJECTS.**
- **TO PROMOTE USE OF RENUWABLE ENERGY.**
- **TO HELP THE DEVELOPMENT OF IPPs.**



# MAJOR RISKS IDENTIFIED

- FINANCIAL RISKS.
- POLITICAL AND POLICY RISKS.
- REGULATORY AND LICENCING RISKS.
- LOCATION OF PROJECTS IN POOR ACCESSIBLE AREAS.
- HIGH INVESTMENT COSTS.
- WEAK ECONOMIC BASE IN RURAL AREAS.
- HIGH COSTS OF CONNECTION AND HIGH TARIFFS
- POVERTY IN RURAL AREAS RENDERING THE RURAL CUSTOMERS UNAFFORDABILITY OF ENERGY.
- WATER DEFICITS IN MINI HYDRO DUE TO CHANGES IN CLIMATIC CONDITIONS.

# Projects identified for assistance

- Hydromax Ltd.(2002.)
- Kilembe Investments Ltd (1997).
- Mt Elgon Power company Ltd (2000).
- Kakira Sugar Works (U) Ltd (1989)
- West Nile Rural Electrification Co. (WNRECO)(2004)
- Sugar Corporation of Lugazi (SCOUL)
- Kisiizi Hospital Power Company Ltd(2002)
- Electricity Distribution Management(EDM) of Namibia(2004)

# ASSISTANCE RENDERED

- Assistance in preparation of Business plan and appraisal documents
- Establishment and confirmation of environmental impact status
- Support in power purchase agreement with the electricity companies.
- Project financing subsidy qualification with REA and ERA.
- Discussion with MEMD, REA, ERA for recognition and approval.
- Monitoring and Evaluation.



Thank you and God Bless

you and God Bless