

## LESSONS FROM PHASE I

**ASTRA's experience is replicable by other institutions**

- **Essential --> local stake in village or capability to build local confidence**
- **Democratic & Transparent institutional arrangement at village level**
- **Records, proper accounts, routine GVS meetings crucial**
- **Government involvement in REWSUs essential, but government implementation may not be efficient**
- **Parallel operations by government must not compete with REWSU**

### IMPLEMENTATION CHECKLIST #1

**Entire Hardware + Software Packages?**

- **People's participation (resource supply and payment for services) as households and/or community?**
- **Key role for women as users, operators and entrepreneurs?**
- **Immediate, medium-term and long-term time-horizons for technology dissemination?**

### IMPLEMENTATION CHECKLIST #2

**Energy Services for direct HDI improvement as necessary (but not sufficient) condition?**

**Electrification of homes?**

**\_ Eventually, gaseous fuel for homes ?**

**Energy Services for indirect HDI improvement via income generation ensuring that income is used for HDI improvement?**

- **Least-cost integrated packages of sources and devices?**

### IMPLEMENTATION CHECKLIST #3

**Community-based supply of sources if more cost-effective (generation + distribution) than household-level sources?**

- **"Centralized" multi-community supply of sources if more cost-effective (generation + distribution) than community-level sources?**
- **Level playing-field for centralized and decentralized village-level supply?**
- **Level playing-field for supply expansion and efficient end-use devices?**