

Map preparation by Transect



Before starting the project for hydropower

Problems and challenges

Identified after discussions at village

Survey of Manpower

Skilled Workers

- Carpenters
- Masons
- Electricians
- Mechanics
- Accountant
- Other vocational
Skill workers
- Managers

Existing Quality of manpower

Semi skilled

Semi skilled

Unskilled

Unskilled

Unskilled

Unskilled/semiskilled

Unskilled

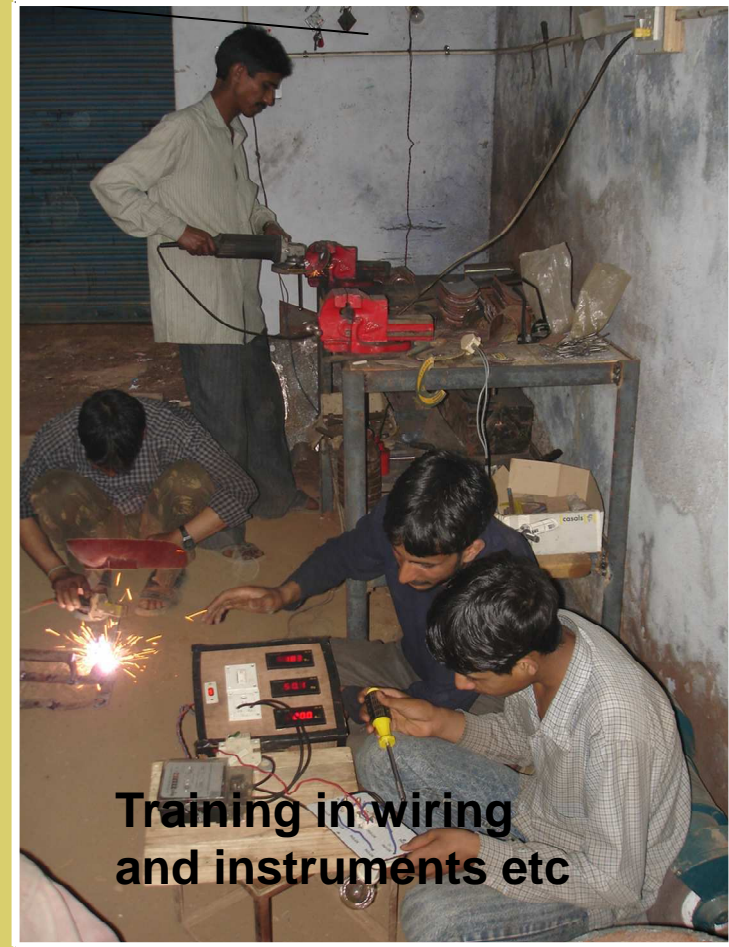
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**Comprehensive capacity
building is key to the
success of isolated
Community microhydro**

Training programme

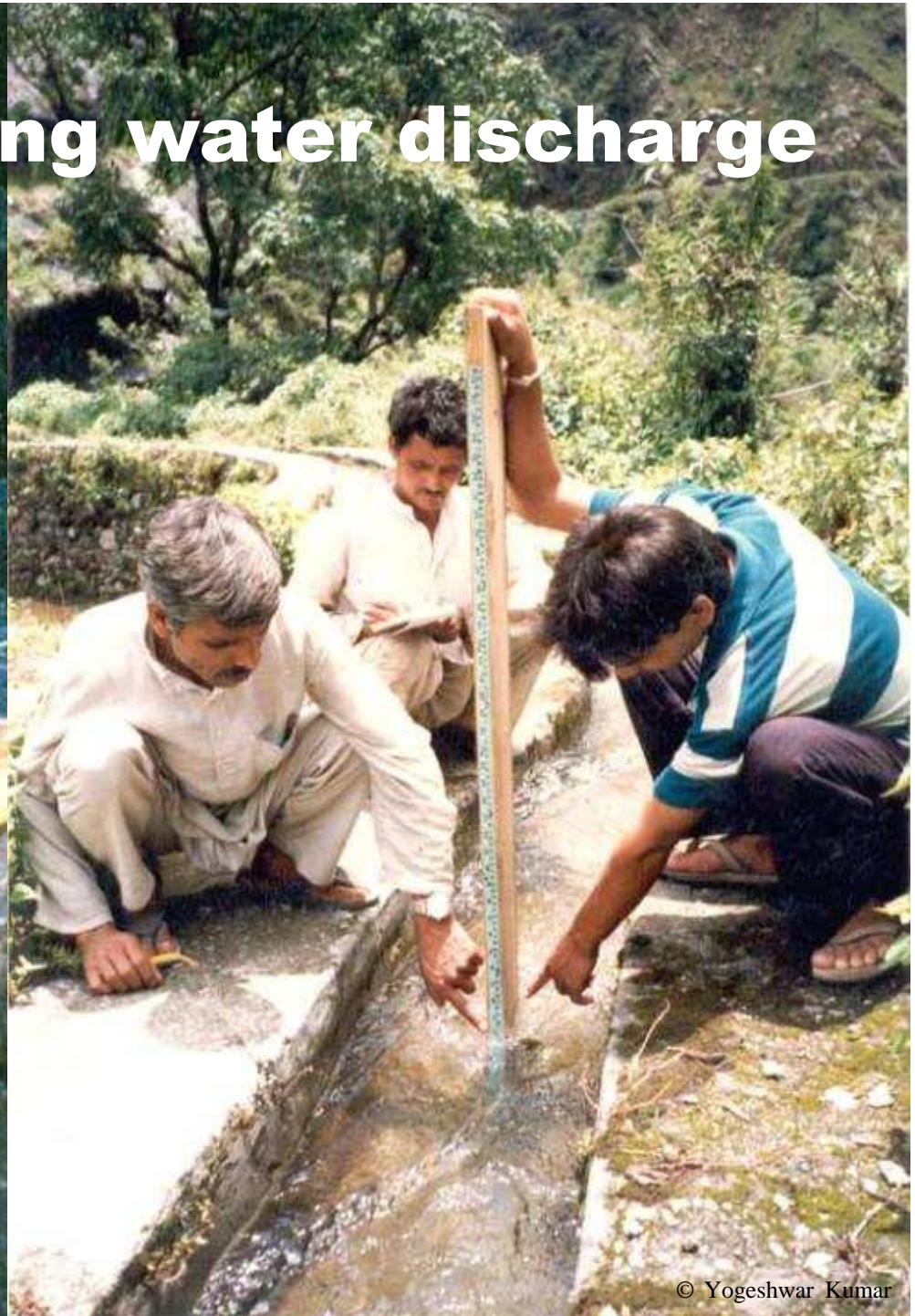
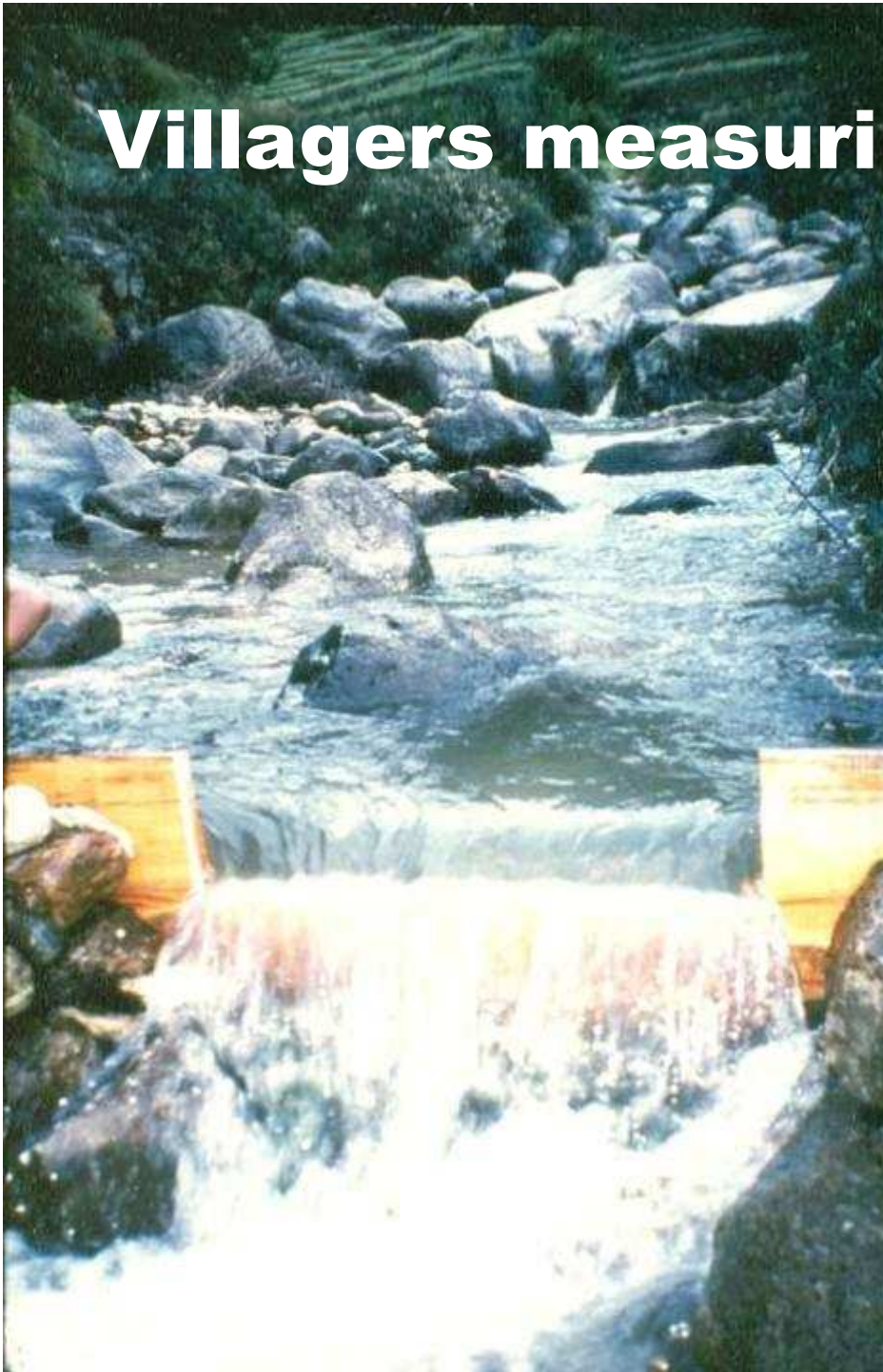


Electro/mechanical tools



**Training in wiring
and instruments etc**

Villagers measuring water discharge



Community Participation

Nature of Participation and existing local capacity



Community Participation

Local Capacity

- | | |
|-------------------------------------|---------------|
| • Site selection and providing land | High |
| • Contribution in cash or by labour | Low |
| • Training and skill enhancement | Medium |
| • Post construction Management | Medium |
| • Maximising use of electricity | Low |
| • Ownership | Medium |

Basic Requirements for

Community Owned And Managed Hydropower Schemes

- 1. Local Organization with a strong core group**
- 2. Local Contribution**
- 3. Appropriate Technology**
- 4. Capacity Building**
 -  **Construction**
 -  **Maintenance**
 -  **Management**
 -  **Productive Application**
- 5. Maximum Use Of Power For Improving Quality of life and Livelihoods**
- 6. Sustainable Mechanism**