

**TECHNOLOGY FOR
SUSTAINABLE
LIVELIHOODS**

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Tech. Strategy for SL(TSSL)

- **Improve productivity of assets**
- **Enhance capabilities and new opportunities**
- **Env. & socio-economically sustainable**
- **Facilitates self-empowerment**
- **Improves communications , networking, etc**
- **Builds synergy between outside and local knowledge**

Systems Approach to TSSL

- **Portfolio of technologies**
- **Change over time in tech & conditions**
- **Best tech suitable to local requirements**
- **Tech mix for all aspects of SL system**
- **Improve productivity of assets including re-use of waste**
- **Use trans-disciplinary research framework**

Institutional framework for TSSL

- **Community level :action, pilots, etc**
- **Provincial: alignment, support-interface between policies and action**
- **National:Strategic direction to development and diffusion of technology**
- **Research Institutions – Civil Society interactions to focus S&T agenda on SL**
- **National –International linkages**

Community Participation

- **Obstacles :Politics, Ethnicity, Literacy, Culture, Gender, etc**
- **Whose livelihoods are stake?Who leads the process?**
- **Team composition for cross-cultural and trans-disciplinary approach.**
- **Ensuring synergy with, not displacement of, local knowledge .**
- **Community to Community learning.**

Case Studies

- **Development Alternatives (DA) IN India**
- **Las Gaviotas in Columbia**
- **Grameen Phone in Bangladesh**
- **Mixed grains , mixed herds in agro-pastoralism in Africa**
- **Bio-villages in India**
- *These are all limited applications of what is possible.*