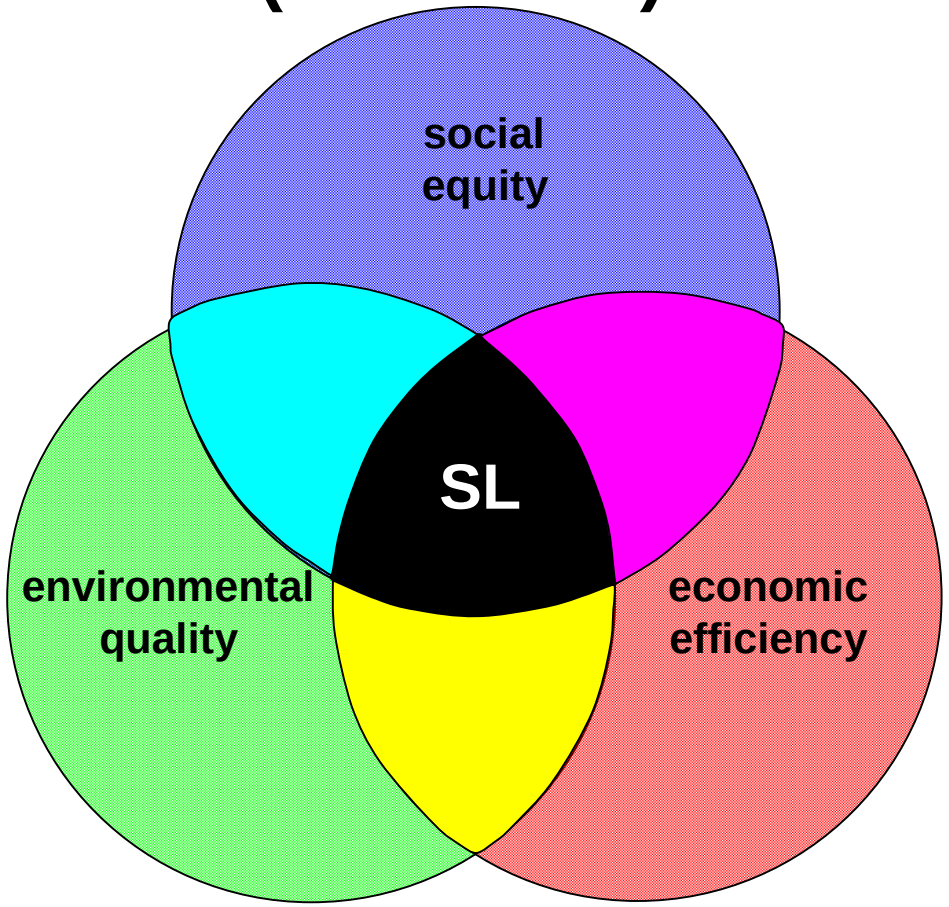
Sustainable Lives – Sustainable Livelihoods = Green (Economic) Growth



putting technology in perspective

Technology as a building block

Quality of life issues

- **people need homes, water, sanitation, energy…**
  - ***– basic needs technologies and services***

Economic growth

- **people need jobs**
  - ***– livelihood technologies and services***

Technology as a building block for economic growth

Technologies for maximizing economic gains -

- **Focus:**
  - **Small and marginal farmers**
  - **Small and medium enterprises**
  - **Villages and small towns**
  - **Youth and village communities**

Technology as a building block for economic growth

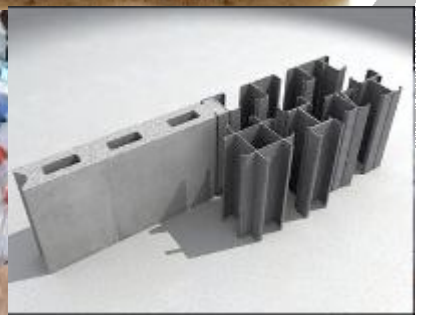
Technologies for maximizing economic gains -

- **Characteristics:**
  - **Decentralized management**
  - **Local resources**
  - **Infrastructure services**
  - **Leap frog technologies**

Amenable for replication – at large scale

Technology as a building block for GREEN economic growth

- **Regeneration and maintenance of the natural capital – livelihood security and QOL security**
  - **Closing the loops – zero waste-waste to resources – ecosystem approach**
  - **Resource efficiency – resource substitution – resource recycling**
  - **Technology diversity**



Pre-requisites

if technology is to be a building block for green economic growth:

- **Packaging technology solutions**
  - **Hardware – equipment, production systems**
  - **Software –know-how, know why, communication, information**
  - **Business models – investments, revenues, market development, financing systems, information**

Pre-requisites

if technology is to be a building block for green economic growth:

- **Conditions for technology seeding and maturation**
  - **Project situations for technology development- testing-incubation-*productization***
  - **Programmatic approach for technology liberation**
- **Contextualizing technology solutions**
  - **Right scaling**
  - **Responding to stressed resource situations**

- **Thank You**