

Private Public Partnership

an innovative approach
for hybrid village grids
in remote off-grid areas

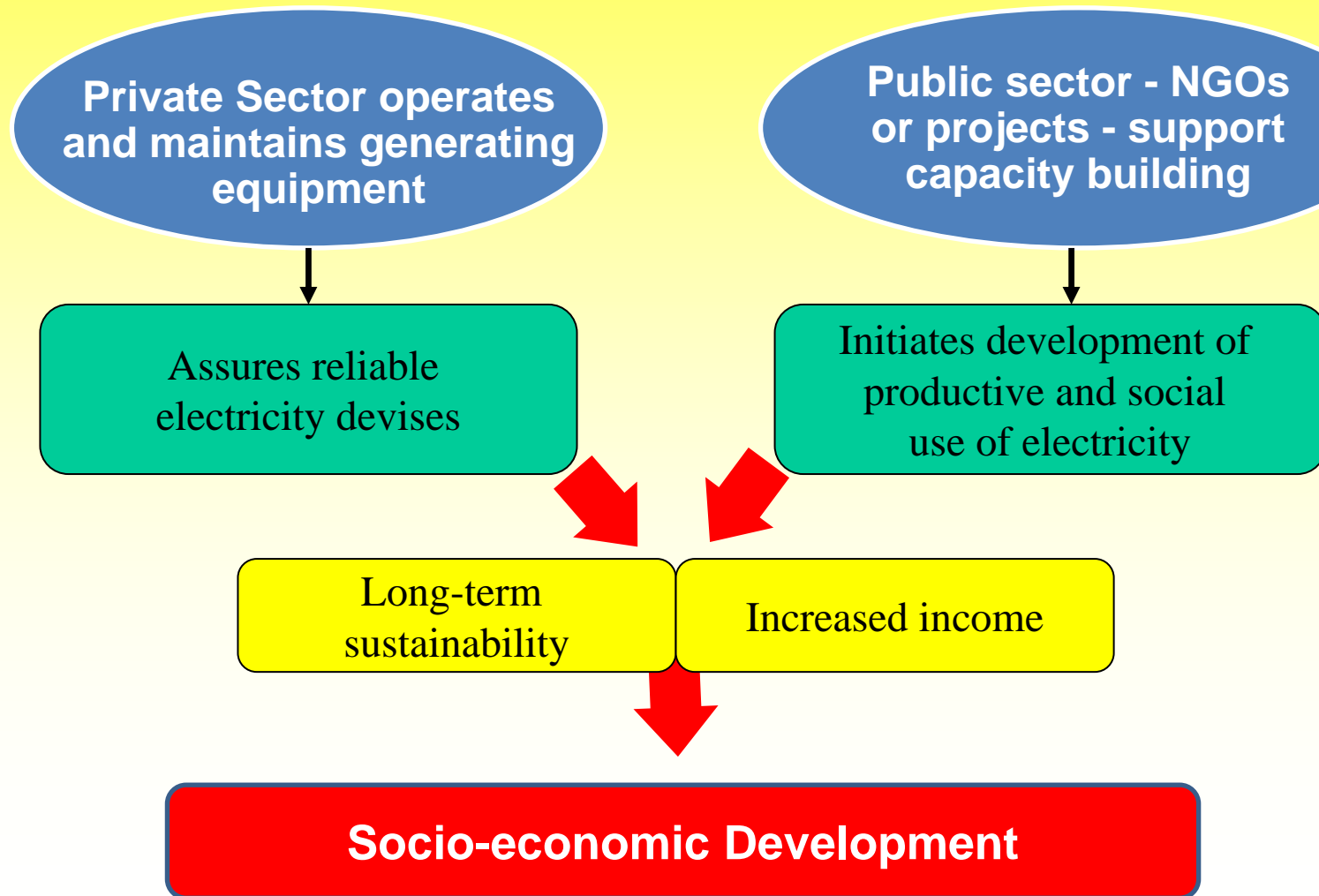
By Simon Henschel

PV-Hybrid and Mini-Grid Conference, Greece, May 2008

What is Public Private Partnership

- **The objective of PPP** is to combine the interests of private companies with those of public agencies to implement common ventures
- **The benefits of PPP are** a) to achieve the public interest , (i.e. socio-economic benefits for the intended end-clients.) b) to achieve the commercial interests of the company
- **Sunlabob** is private energy provider for remote areas off the grid
- **Helvetas** is a Swiss NGO committing itself to improving the socio-economic conditions in remote villages presently off the grid.

PPP for long term sustainability and socio-economic development



Why Hybrid Village Grids (HVG) ?

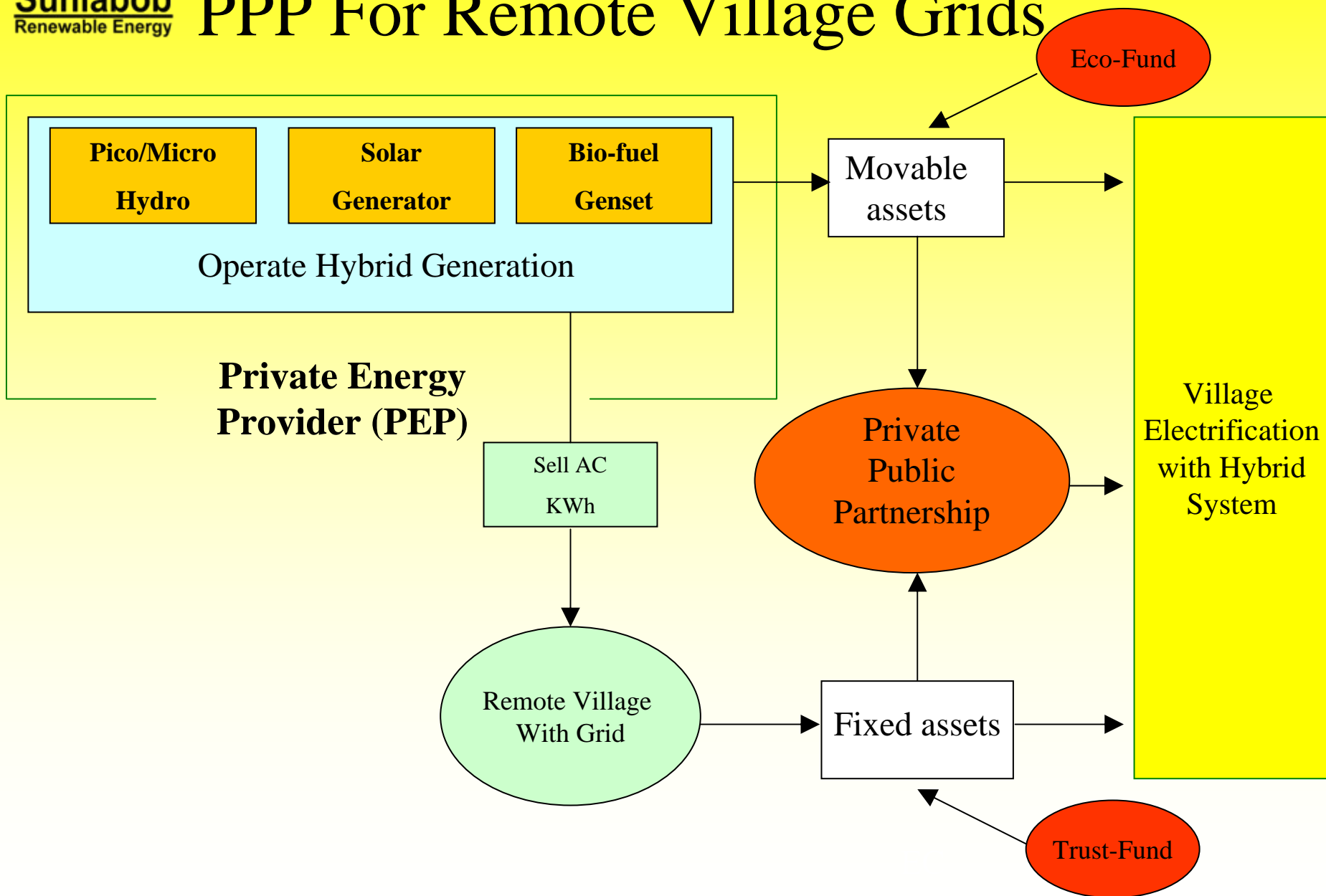


We must go beyond

- improving living conditions with electricity**
- towards increasing income with electricity**

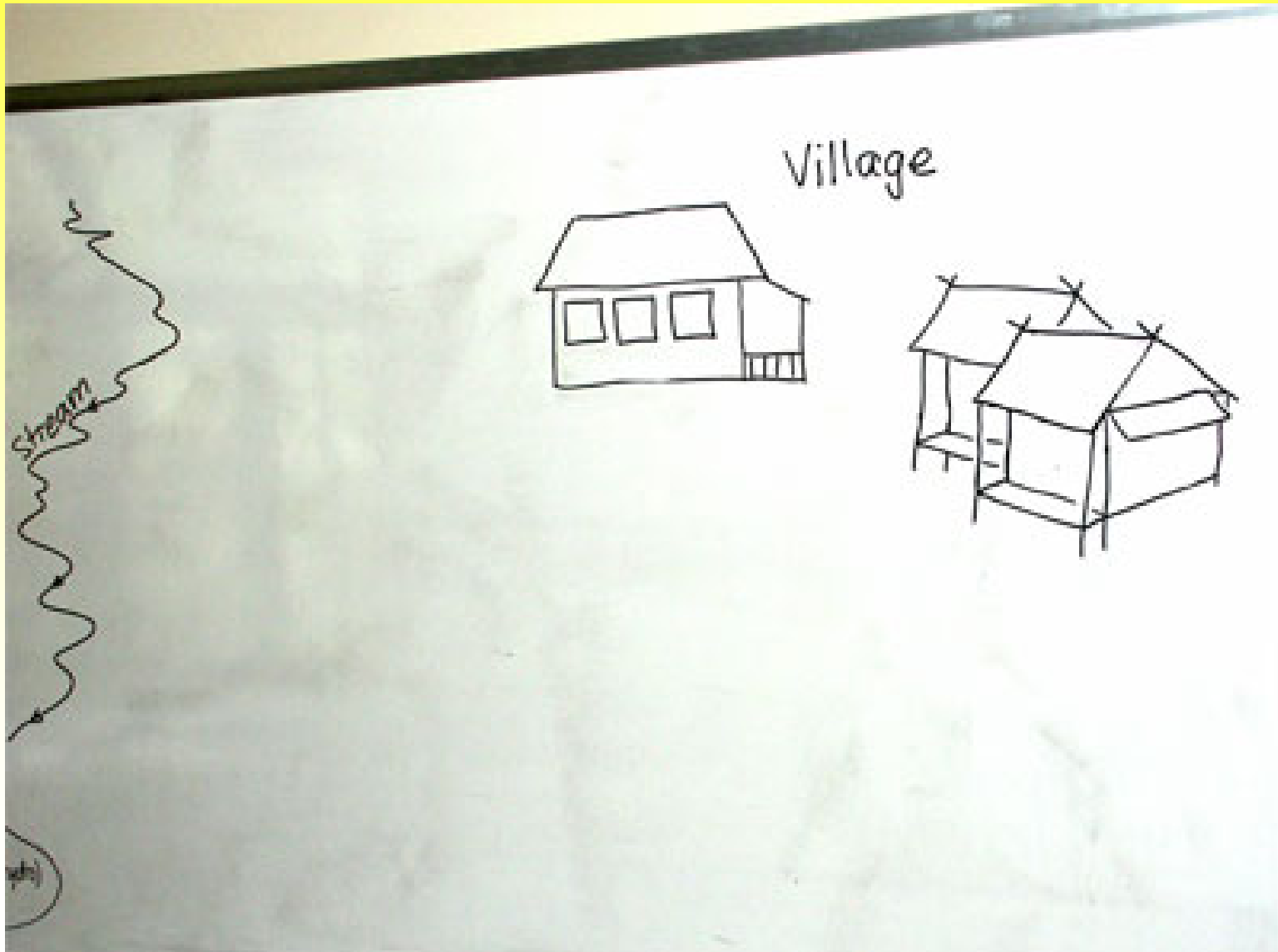
- Therefore we need systems beyond solar home systems
- AC Hybrid Village Grids can profitably combine various energy sources

PPP For Remote Village Grids



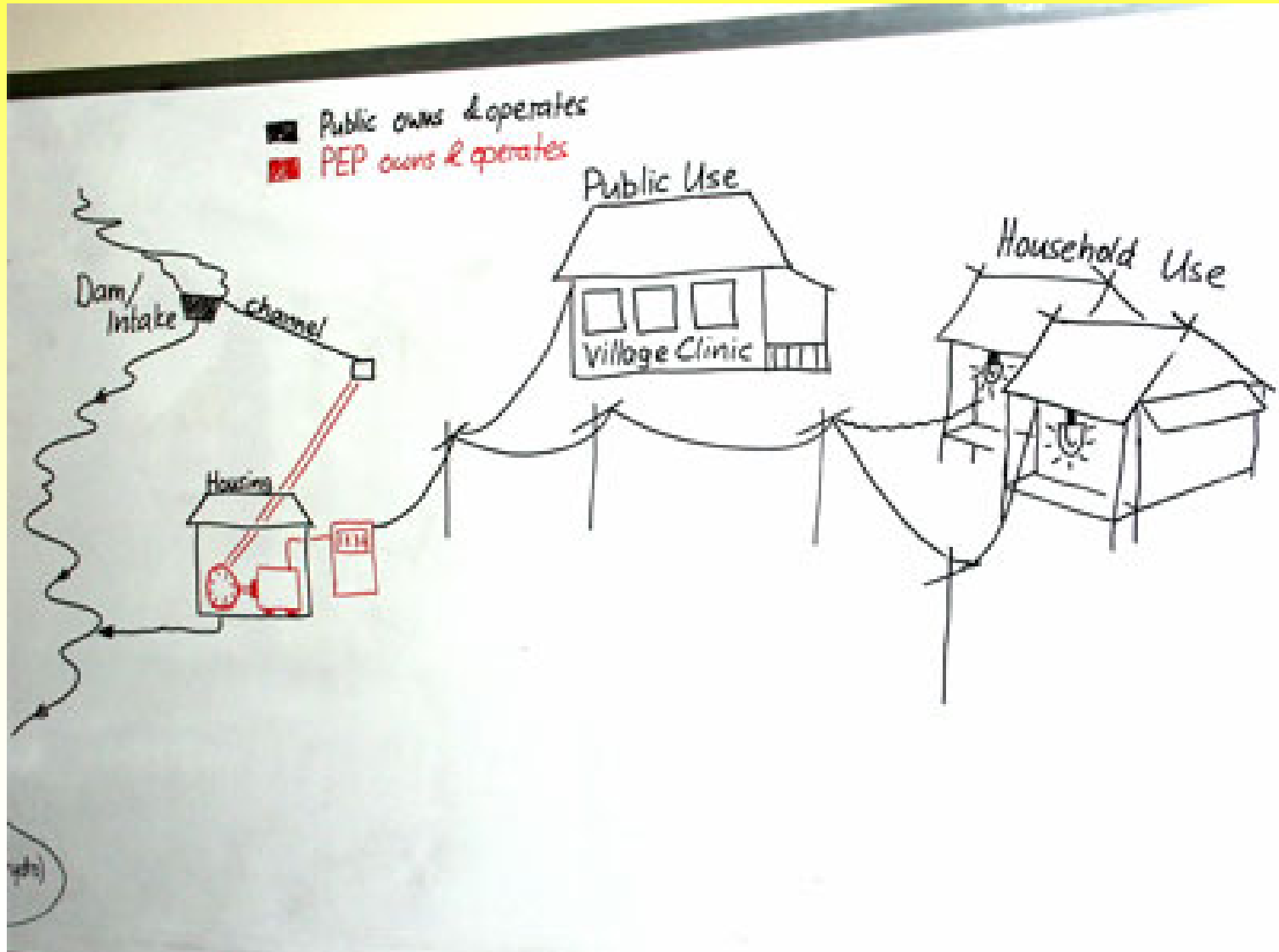
Hybrid village grid as viable business

1. The typical situation



Hybrid village grid as viable business

2. Public-Private cooperation for hydro

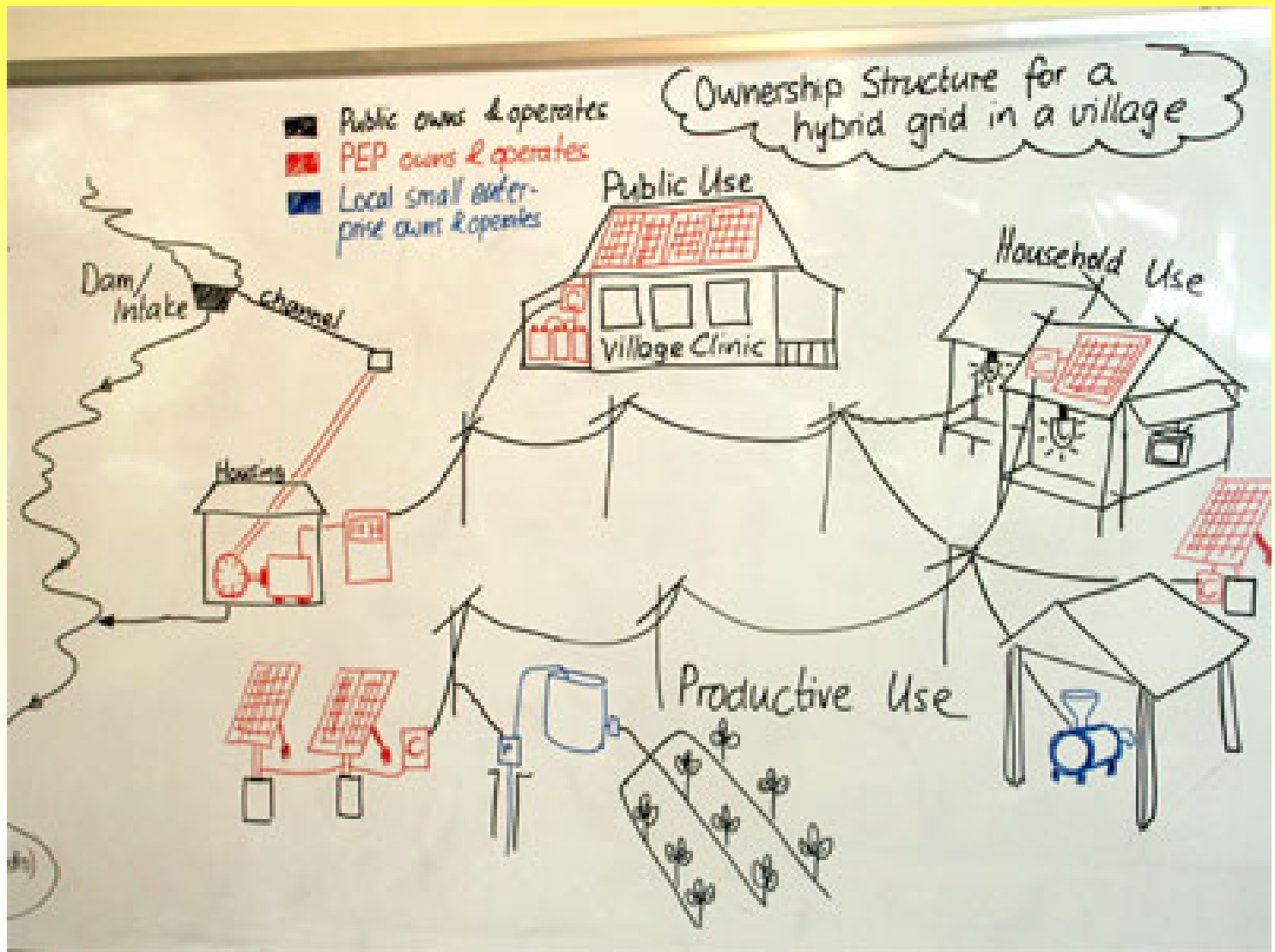


Hybrid village grid as viable business

3. Boost grid with solar and bio-fuel genset → hybrid

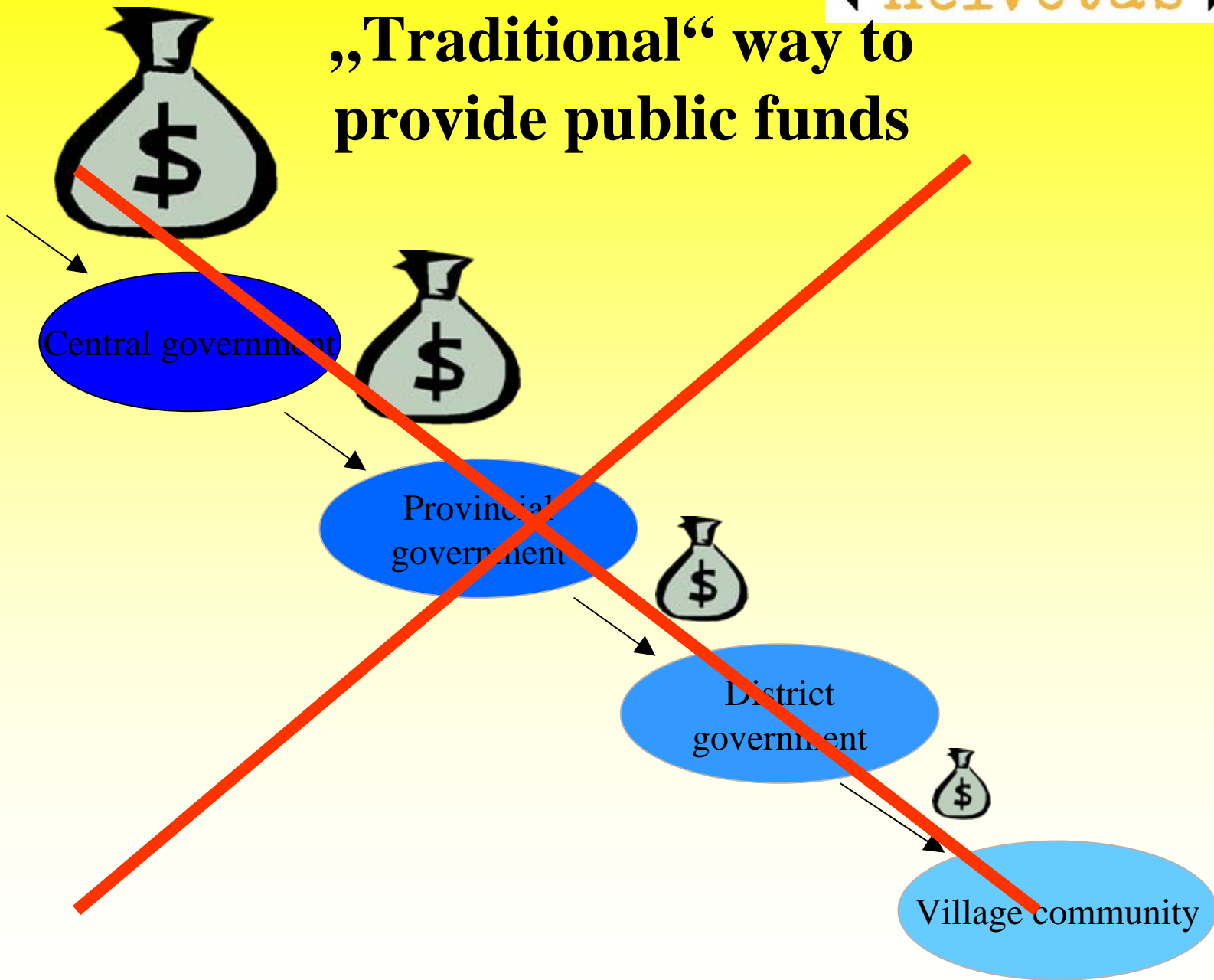


4. Hybrid village grid as viable business Private –Public Partnership for more development

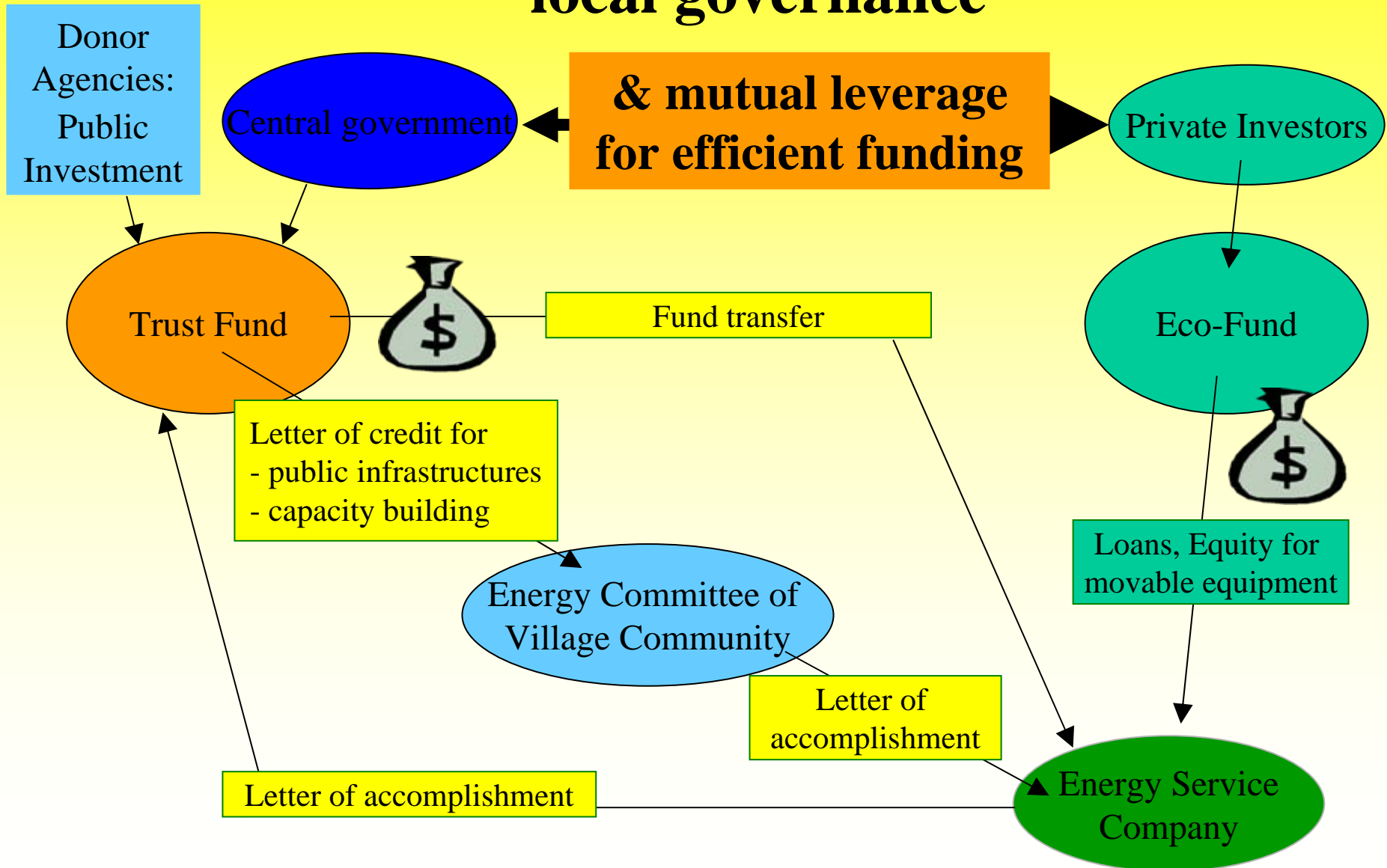


„Traditional“ way to provide public funds

Donor Agencies:
Public Investment

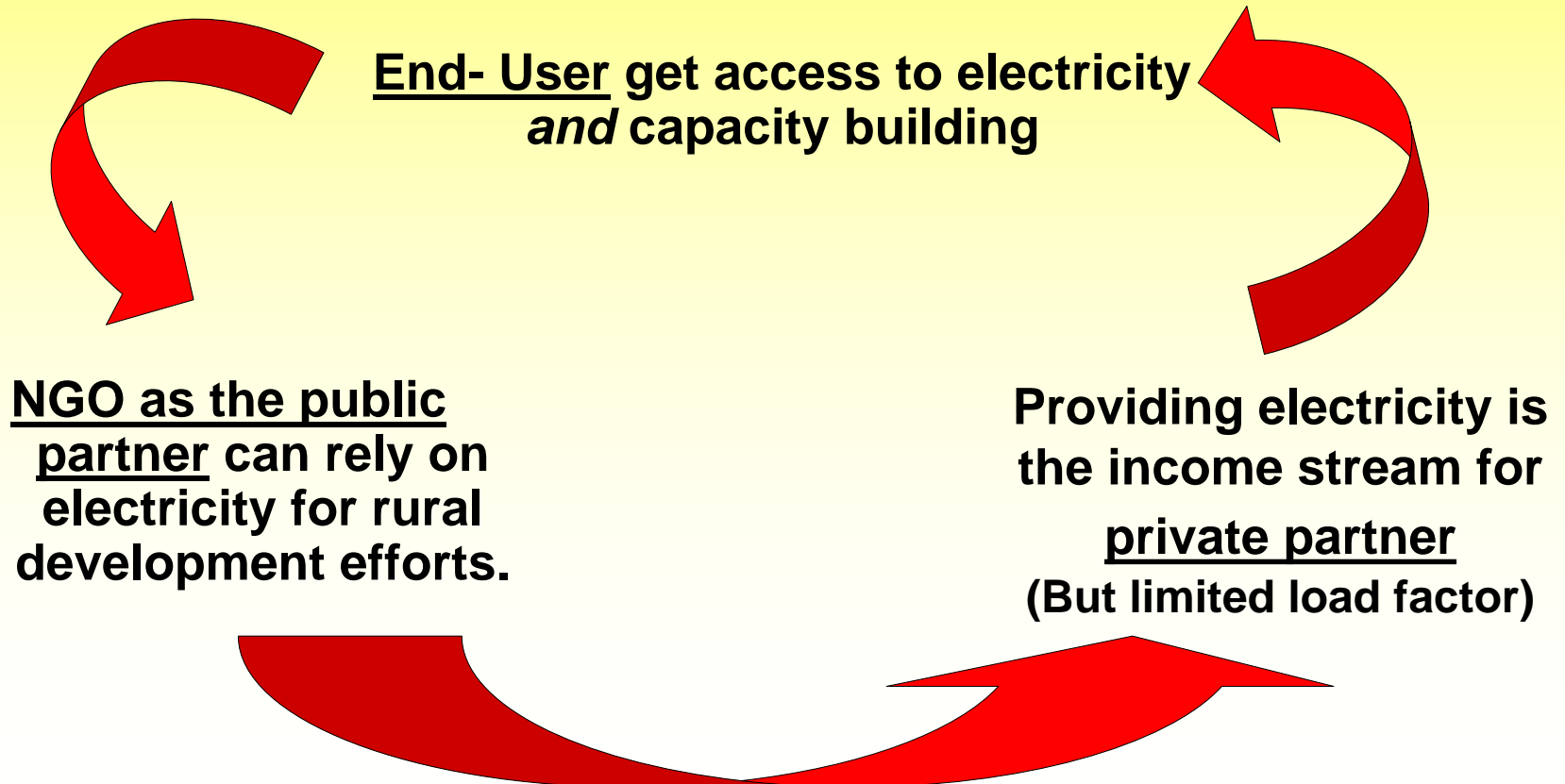


Channel Funds to enhance good local governance

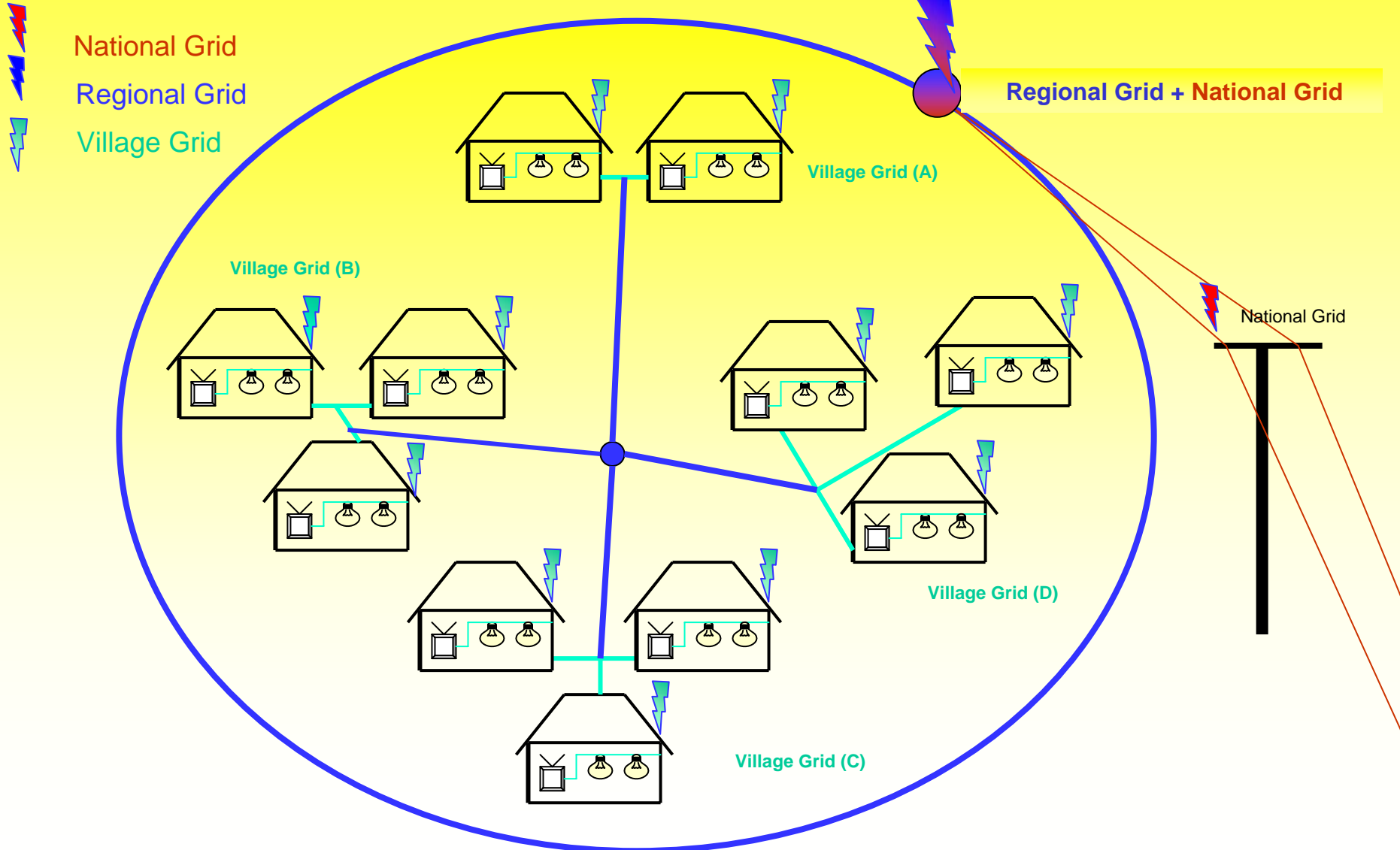


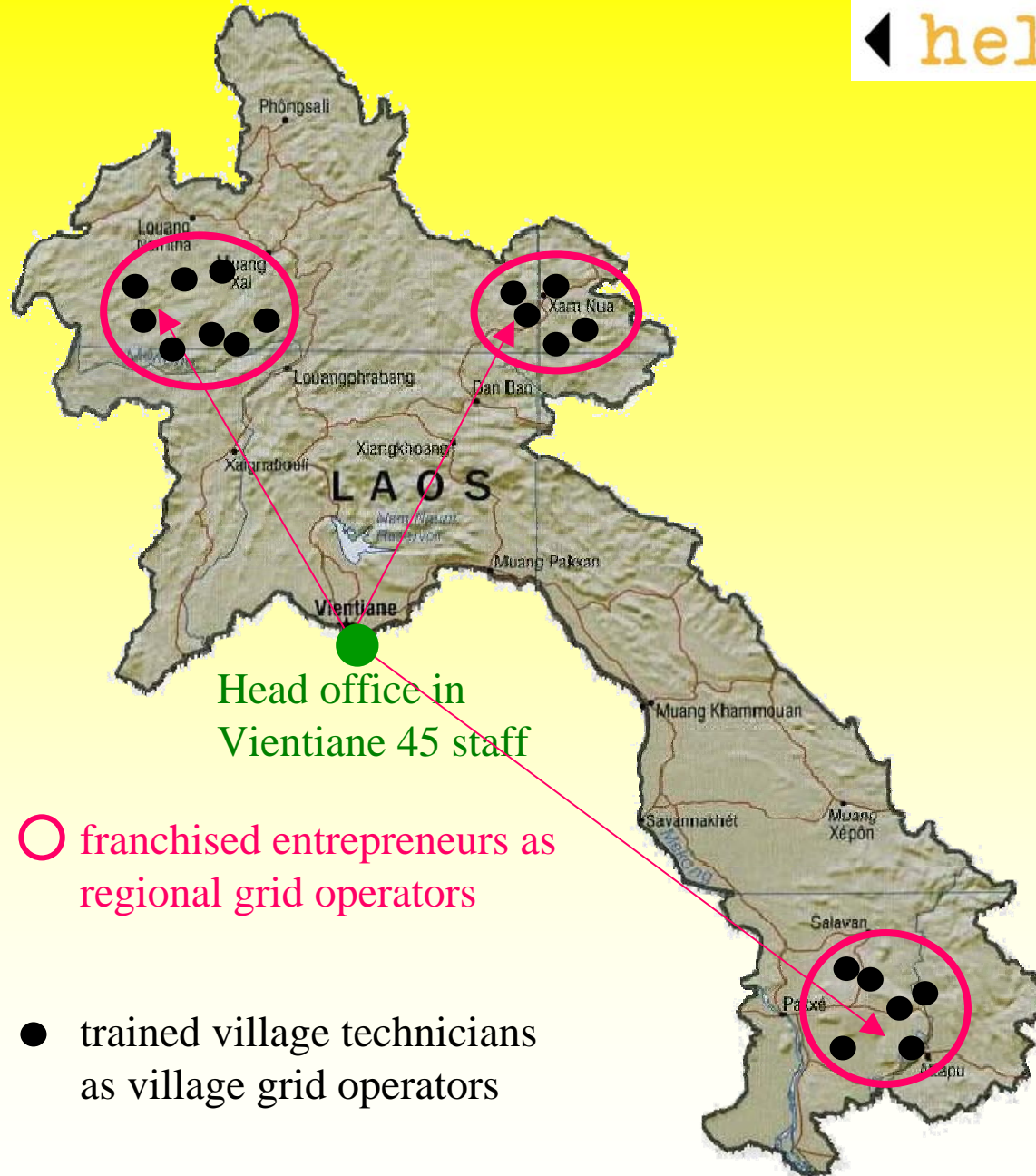
Village Grids

Win-Win-Win Situation



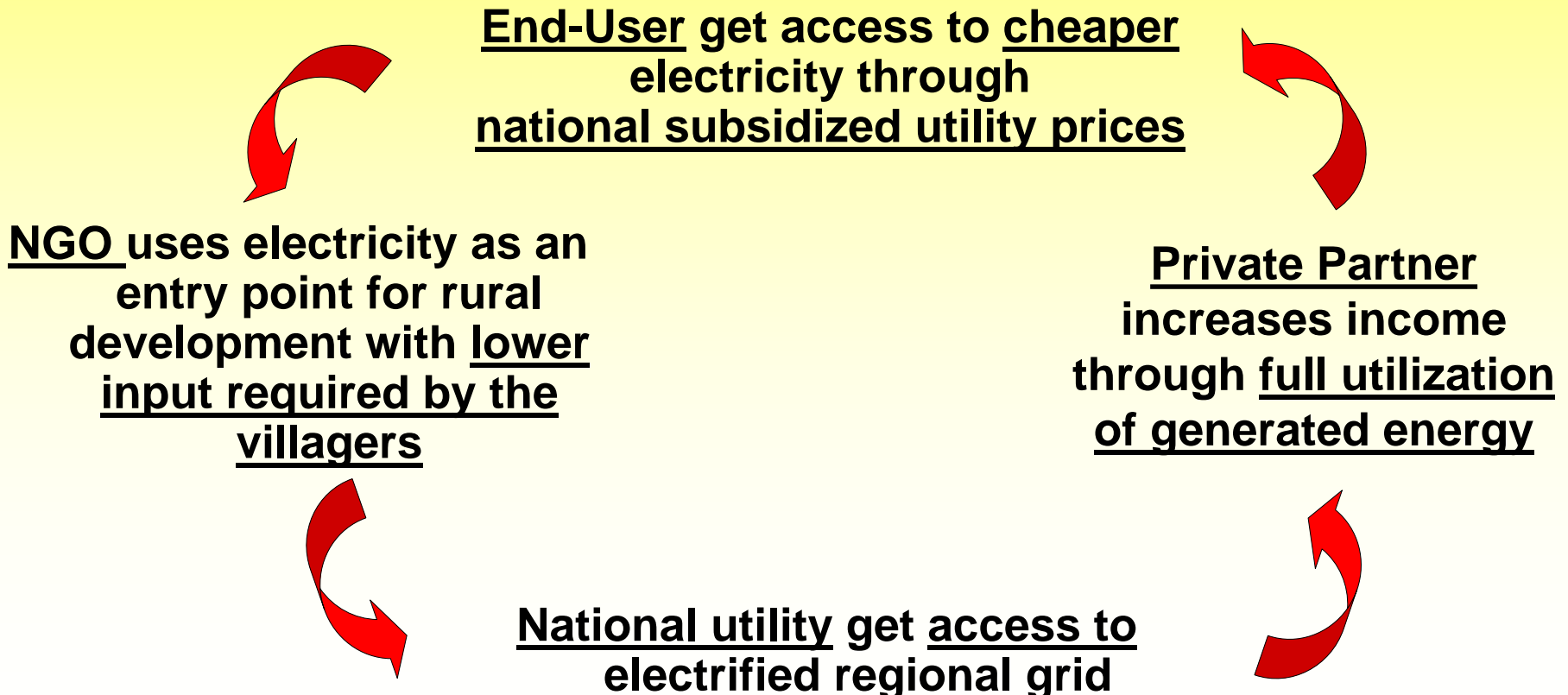
Viable Expansion from Village Grid to National Grid Connection





From village grid to national grid connection

Win-Win-Win-Win Situation



PPP Investment program for Rural Electrification in South East Asia and the rest of the world



Thank you for your attention



Sunlabob Renewable Energy Ltd.

P.O.Box 9077, Vientiane /Lao PDR Tel:+856 21 313874 Fax +856 21 314045

Contact@sunlabob.com www.sunlabob.com