

COMMUNITY-DRIVEN SOLAR POWER

TO EMPOWER

MARGINALISED, OFF-GRID COMMUNITIES

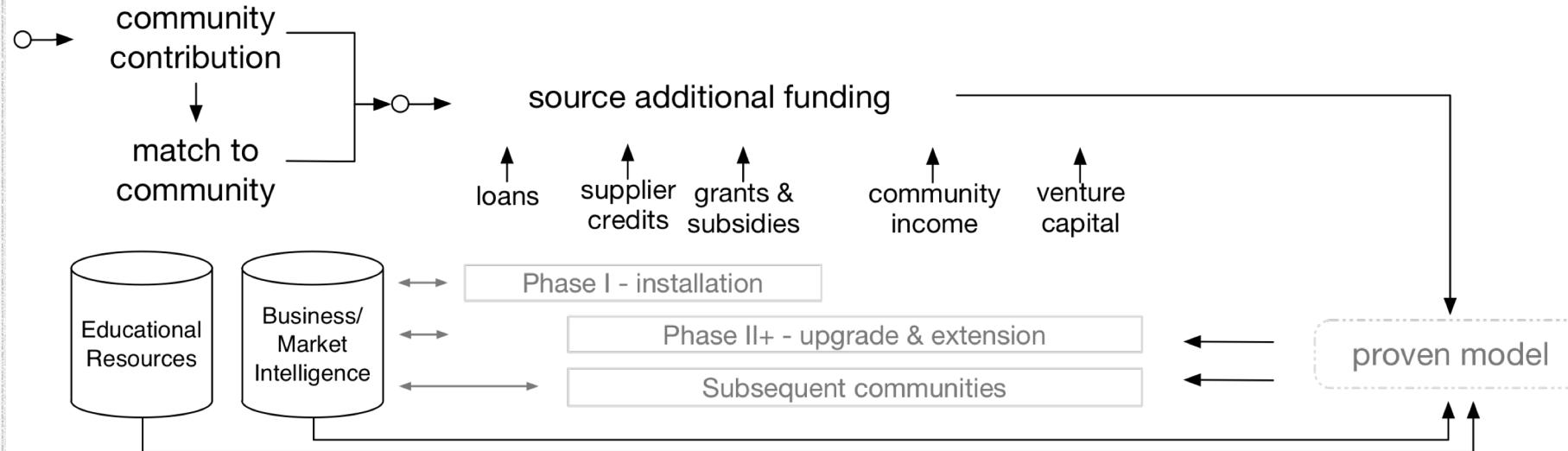
Aba-Sah Dadzie

Edinburgh, 27th Jun 2016

IMPACT OF ENERGY POVERTY

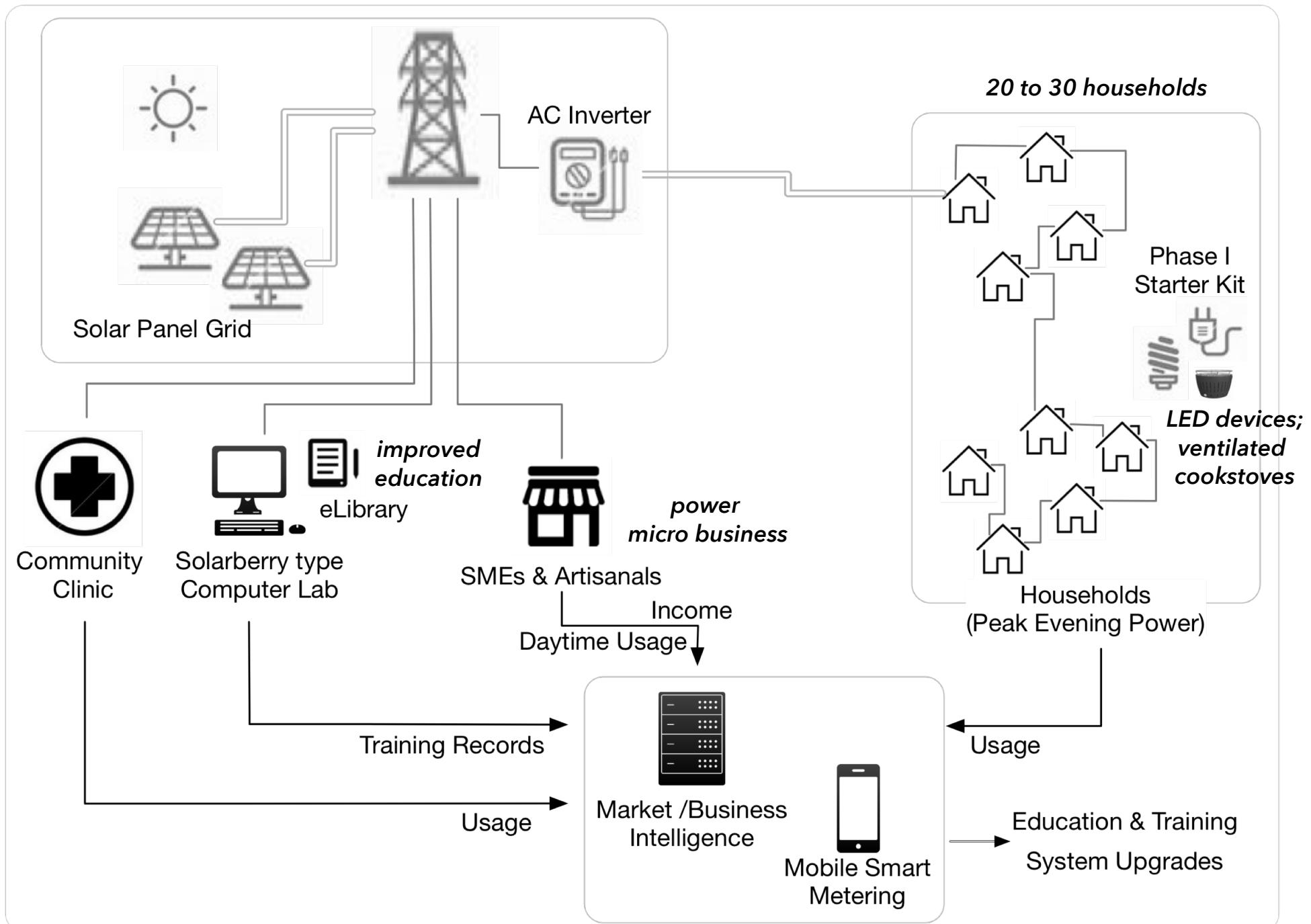
- (low-cost) kerosene for lighting
 - **7-9% of emissions black carbon**
 - significant contributor to global warming even compared to CO₂
 - indoor pollution - impact on health of especially women and children
- firewood or low-grade charcoal for cooking, heating
 - firewood collection - “free” but time-consuming
 - **4 tons/household/year contribution to local forest degradation**

SOLAR POWER TO COUNTER POVERTY



- KEY - community education & buy-in
- BENEFITS
 - community regeneration, new income
 - investors - share in grid and (direct) income

Phase I - Solar Microgrid Installation



Multi-phase Extension - Minigrid - Additional Communities

