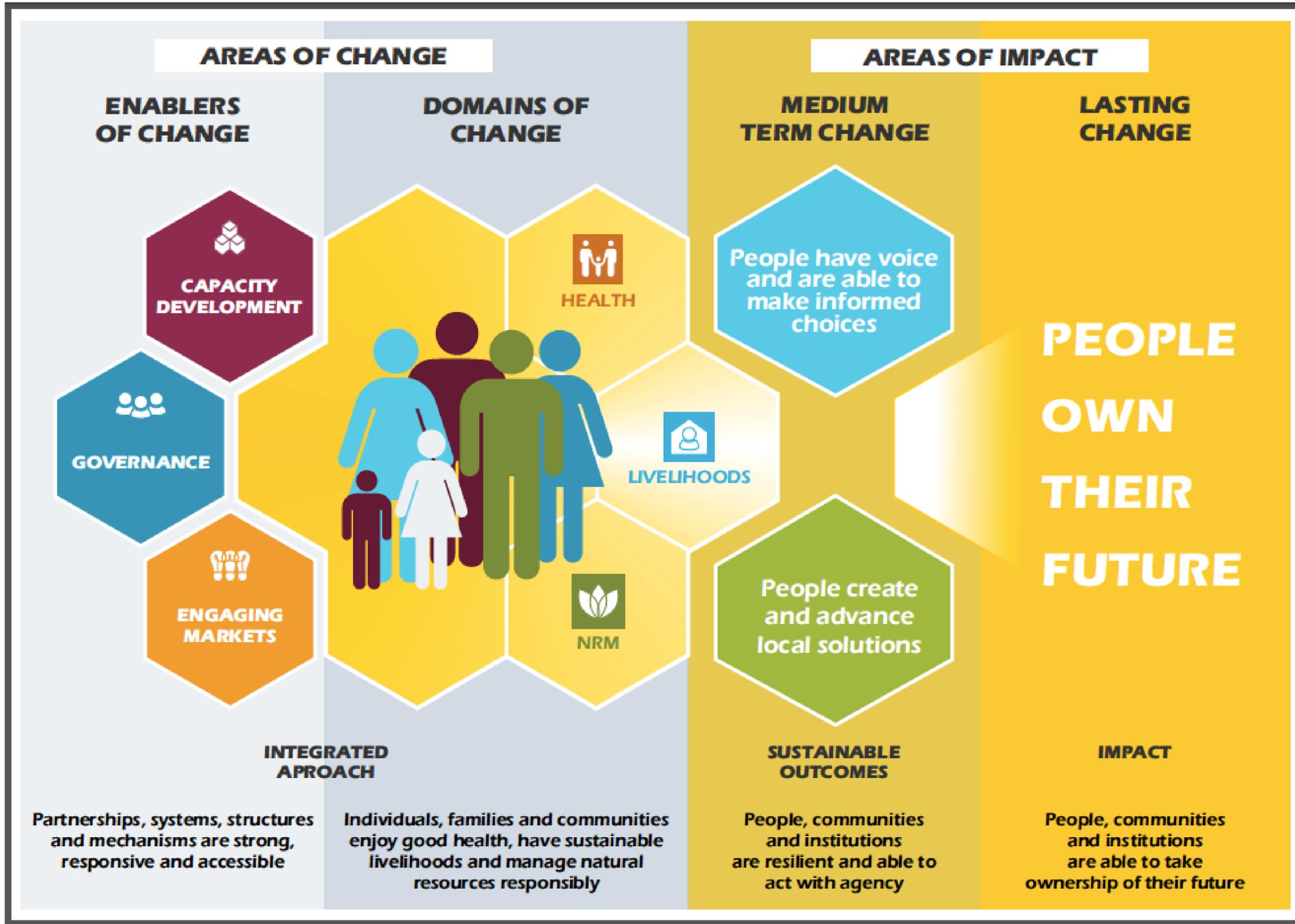




Ahlin Yaung: Improving Access to Renewable Energy in Rural Myanmar

UN-DESA Powering the Future We Want

Matthew Tiedemann
14 September 2015



Partnerships, systems, structures and mechanisms are strong, responsive and accessible

Individuals, families and communities enjoy good health, have sustainable livelihoods and manage natural resources responsibly

People, communities and institutions are resilient and able to act with agency

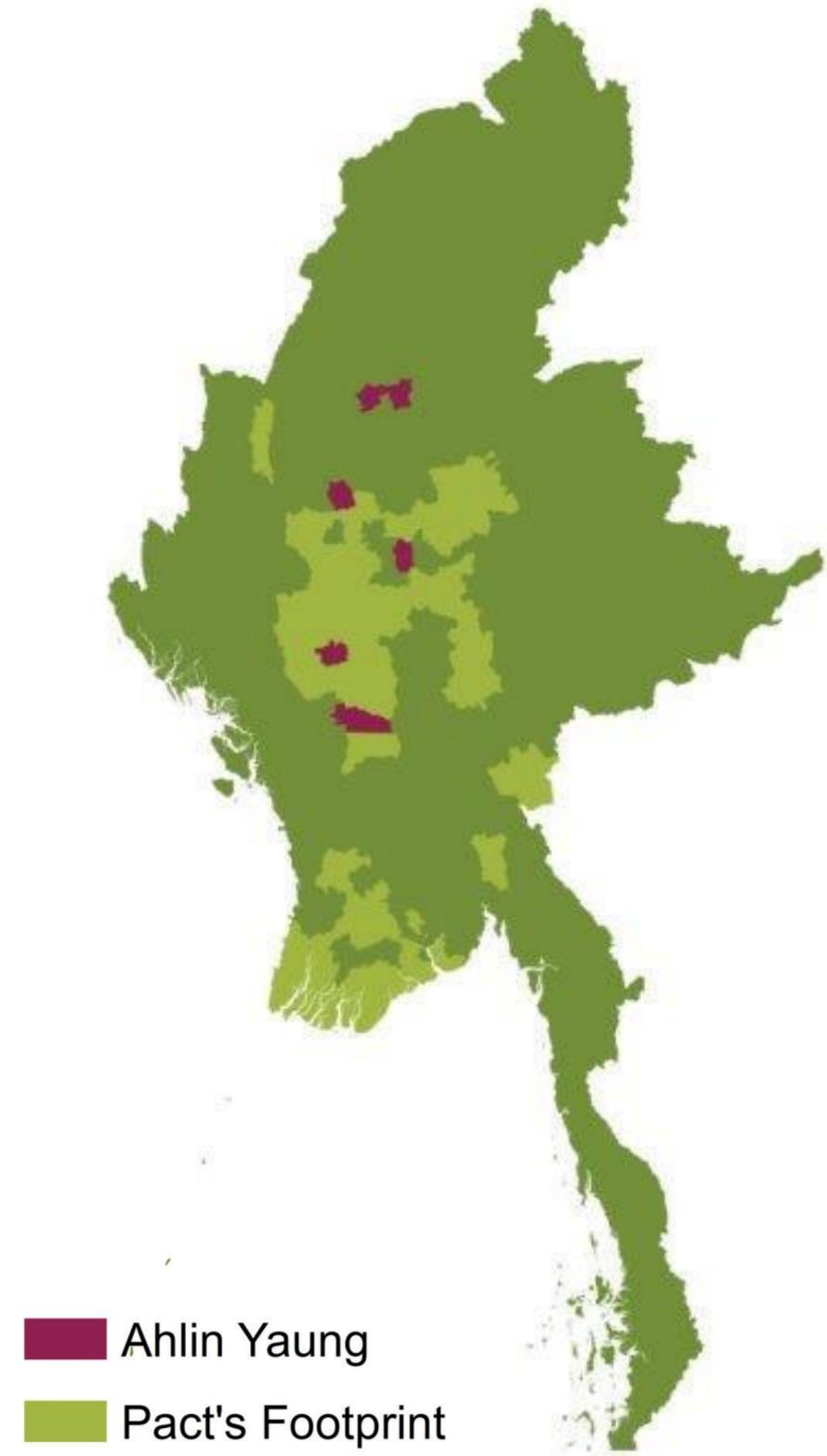
People, communities and institutions are able to take ownership of their future

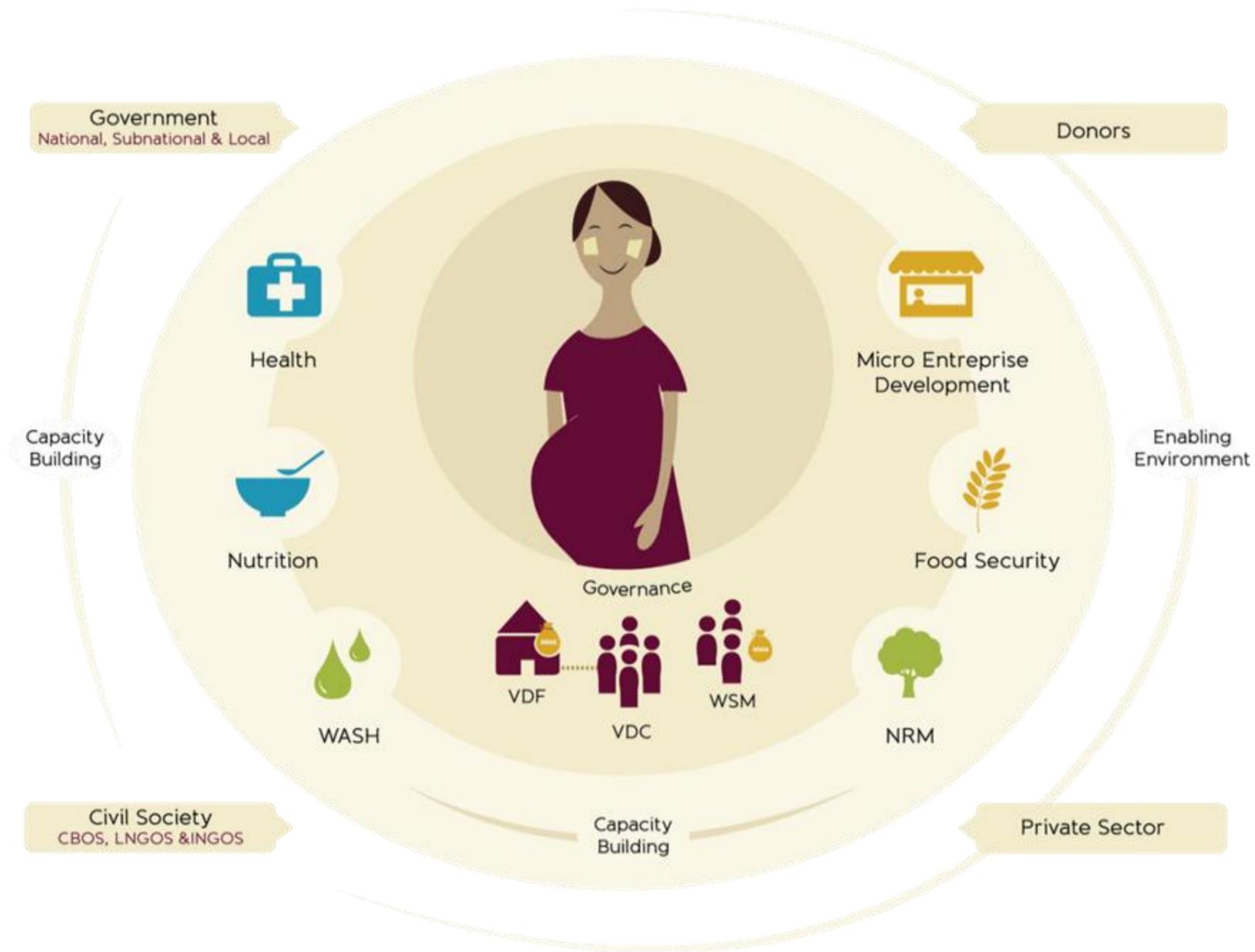


Pact in Myanmar

2 decades in Myanmar (Burma):

- National Microfinance portfolio
- Integrated Development portfolio
 - 4,000 employees
 - 75 offices
 - **10,000** villages
 - Deep roots
 - Trusted development partner





VDF: Village Development Fund



VDC: Village Development Committee



WSM: Women's Savings Led Microfinance



Development_of_Myanmar's_nightlights_1992-2012.mp4

Energy Access in Myanmar

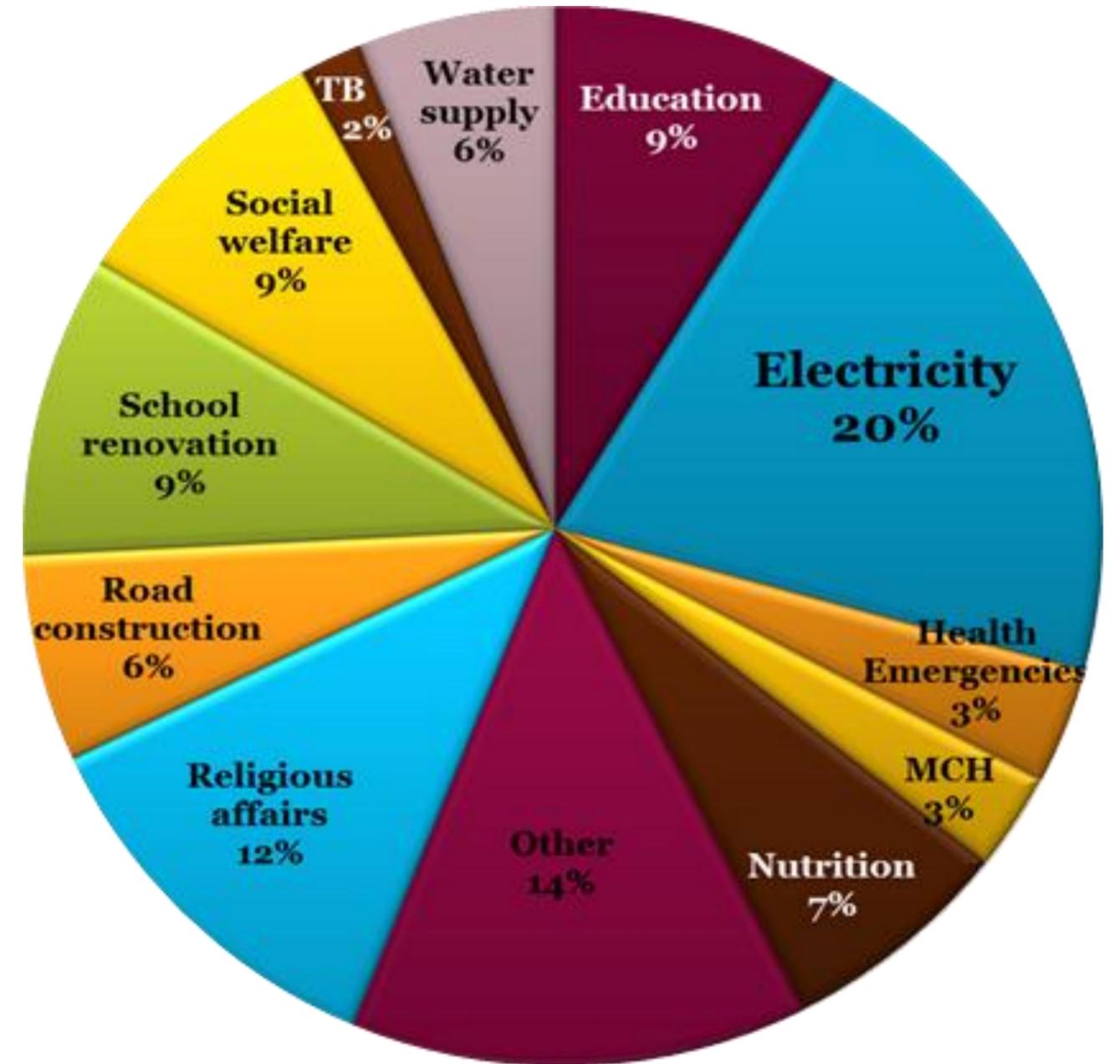
- 32% of population in Myanmar has access to electricity; **7%** rural
- 68,000 villages in Myanmar – only 3,000 electrified
- Biomass = 70% of primary energy
- 61% earn <\$2/day





Sustainable Access to Funds

- 50,000 empowered women with \$2.5 M in Village Savings & Loan funds - “WORTH”
- 1,350 Village Development Funds worth \$1.2M
- Communities’ top development priority – electricity – **20%**
- Diesel generators



Village Development Fund grant disbursements

Why Rural Renewable Energy?

- Impact on:
 - Health
 - Livelihoods, farming
 - Education
 - Community affairs
- Opportunity and interest, but lack of access to sufficient capital
- National Electrification Plan 2030 – many remote, rural villages a long time from grid power



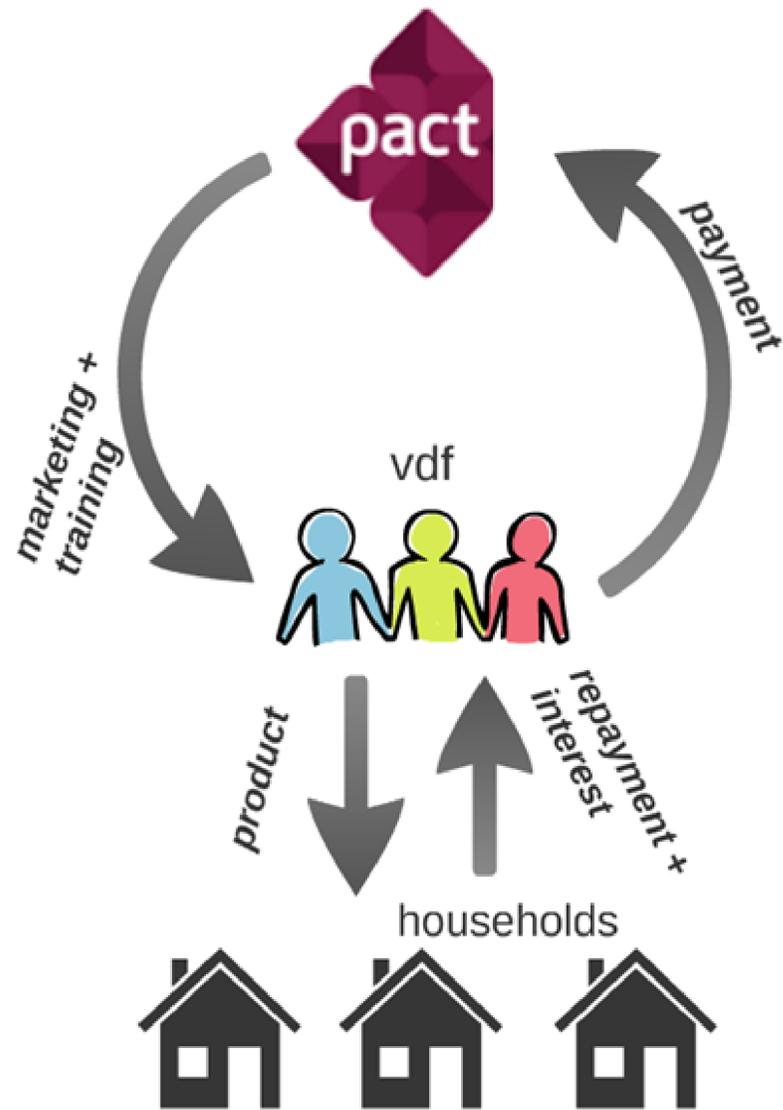


Ahlin Yaung Renewable Energy Program

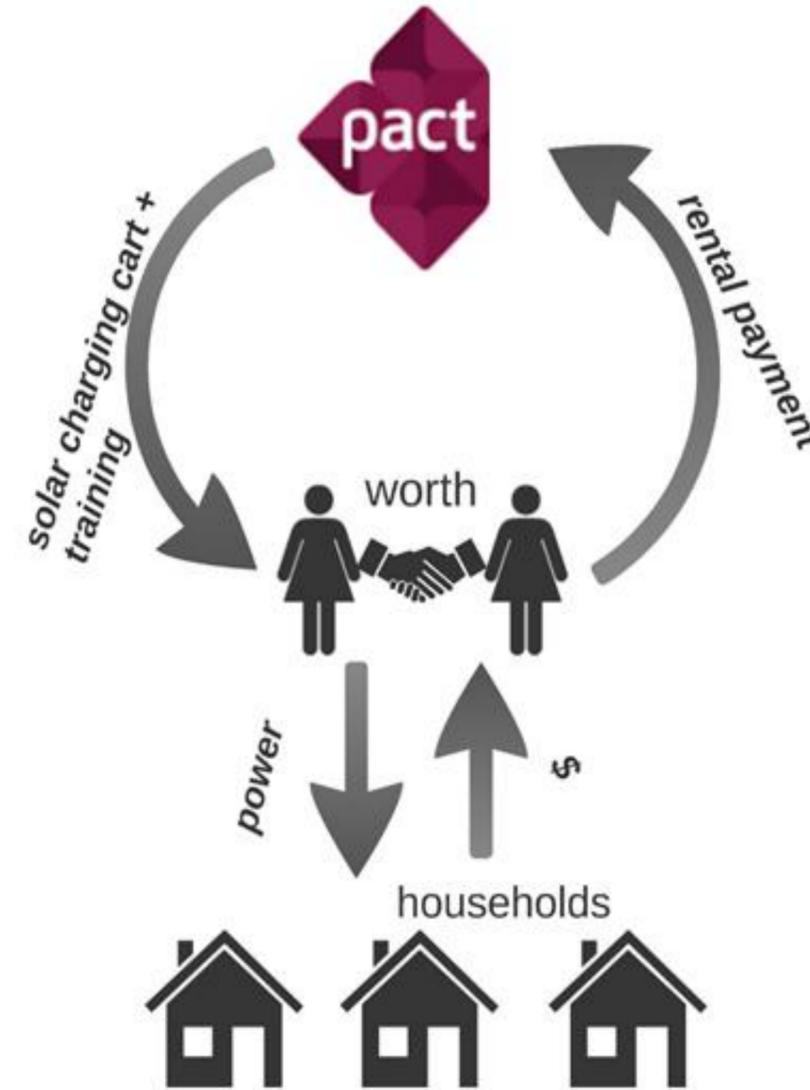
- Goal: provide solar power to 1 million by 2020
- Builds on successful model based on **village ownership** – new RE capital fund linked to VDF and VDC
- UN-DESA grant – would add 50,000 beneficiaries



VDF Model



VSL Model



Challenges

- The grid is coming
- Inexpensive but poor quality solar increasingly available
- Government freebies
- Lack of familiarity with solar
- Up-front cost



