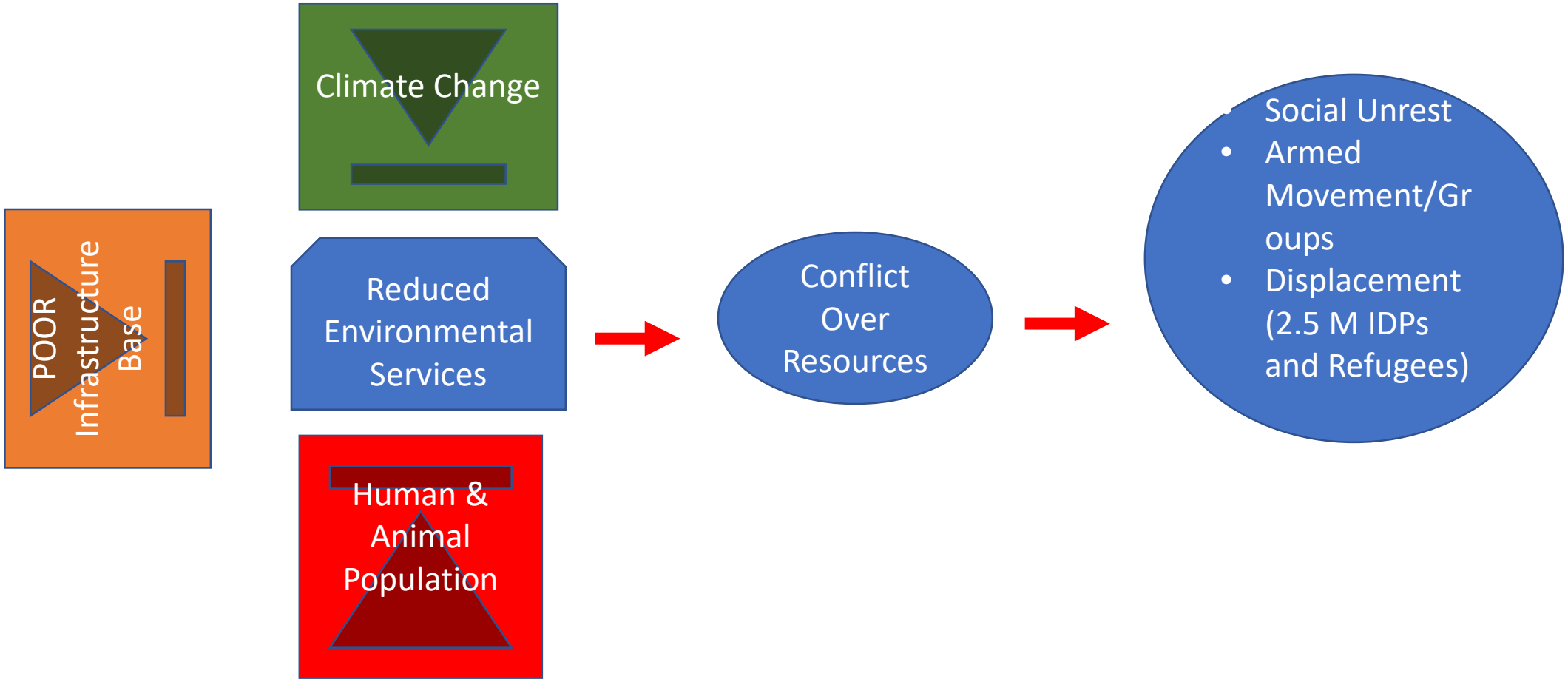
Solar for Displaced Communities in Darfur Region of Sudan

Drivers of conflict

Fixed Natural Capital (Land, Forest, Pasture)

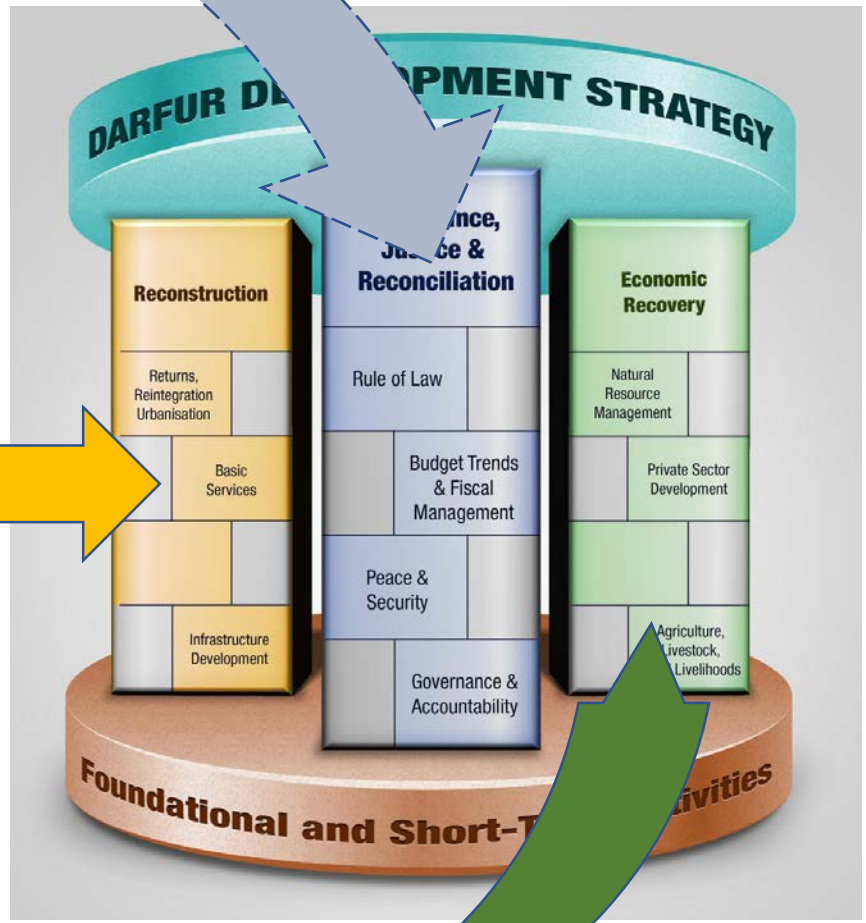


Background: the Solar Project

- The region has been plagued with long conflict and civil unrest since 2003.
- The internally displaced population is estimated as 1.7 million settled in 338 locations in Darfur region and 280,000 refugees in 12 camps in Chad.
- In 2011, the Doha Document for Peace in Darfur (DDPD) was signed between the government of Sudan and Darfur Regional Authority.
- The outcome of the agreement is the Darfur Development Strategy (DDS).
- The Use solar energy for basic services is one of the project proposed for reconstruction of livelihoods to allow the economic development and improve access to social services

The Darfur Peace Agreement and Development Strategy

DDS Solar Electrification Project: *Improved access to electricity*



Solutions: Solar for Resilient communities (poor infrastructure/no access to fuel

Decentralized solar

Inclusive approach

Partnership

- Water
- Health
- Education
- Entertainment
- Productive (Solar for agriculture)

- women
- Children
- Elder
- Poor

UNICEF
UNHABITAT
WHO
UNHCR
UNIDO

Resilent communities

Solar for Basic Community Services and Productive activities

Solar for Basic Services

- S4Health
- S4Education
- S4security

Solar for Productive Purposes

- S4Agriculture

Community Services

	Service Center	Facilities Run on Solar
1	Schools	Class Lighting for Evening Classes + computers
2	Mosques	lighting + loud speaker
3	Police station	lighting, communication radio
4	Health Centers & Rural Hospital	Providing Lighting & Vaccine Fridge + laboratory equipment + theaters + incubators for preterm neonate.
5	Youth Social Club	TV, satellite, lighting
6	Street Lighting System	All villages ways
7	Women Development	TV, satellite, lighting
8	Water yards	Solar Water Pump
9	Homes	Mobile Lantern Lamp

Inclusion/No One Behind

Gender Groups

- Women (**WDC and water**)
- Girls pupils (**Mobile Lantern Lamp)**
- Mid-wives (**Mobile Lantern Lamp)**

Age Groups

- Elders (**Farms, Mosques, St Lighting**)
- Children (**St Lighting**)

Sustainability

Financing

Banks:

- Microfinance
- Lending

- Technical Quality
- Quality assurance
- Training

Impacts: Resume Productive system and Livelihoods

- **Better health and education services**
- **Safe and secured movement at night**
- **Fast police responses to emergent situation (theft of animal & property, intrusion of animals into farmland)**
- **Entertainment**

Thanks