

# Community energy resilience strategies in response to disasters

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# Planning for resilient off-grid solar systems

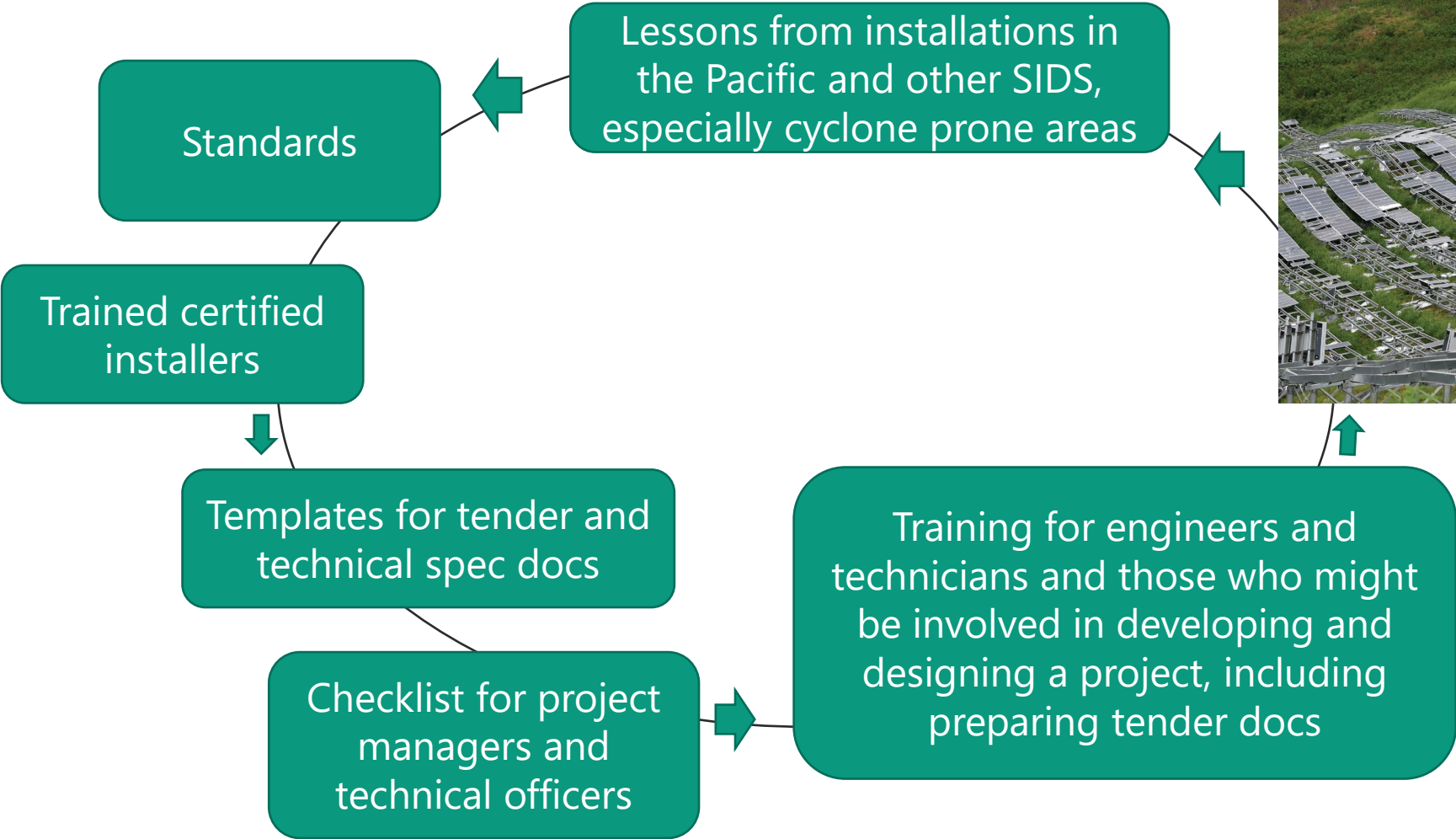


Photo by Jocelyn Augustino - Oct 10, 2017  
Location: St. Thomas, US Virgin Islands

# Centralized vs decentralized rural solar systems



Credit: Matt Capper



Credit: Vanuatu Department of Energy

# Role of energy for communication before, during and after a disaster

Mobile solar for quick response in disaster situations



Future role for energy storage to provide back-up in case of a disaster??

- can we integrate electric vehicles and use their batteries as energy banks when needed?

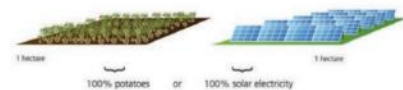
# Energy as the enabler for creating resilient, diversified livelihoods



Photo: GGGI



Separate Land Use on 1 Hectare Cropland: 100% Potatoes or 100% Solar Electricity



Combined Land Use on 1 Hectare Cropland: 186% Land Use Efficiency

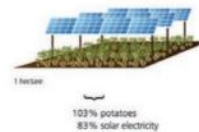
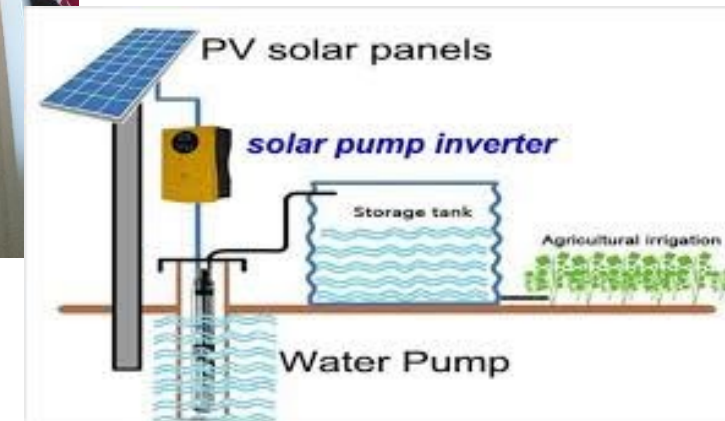


Photo: GGGI



# Thank You

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