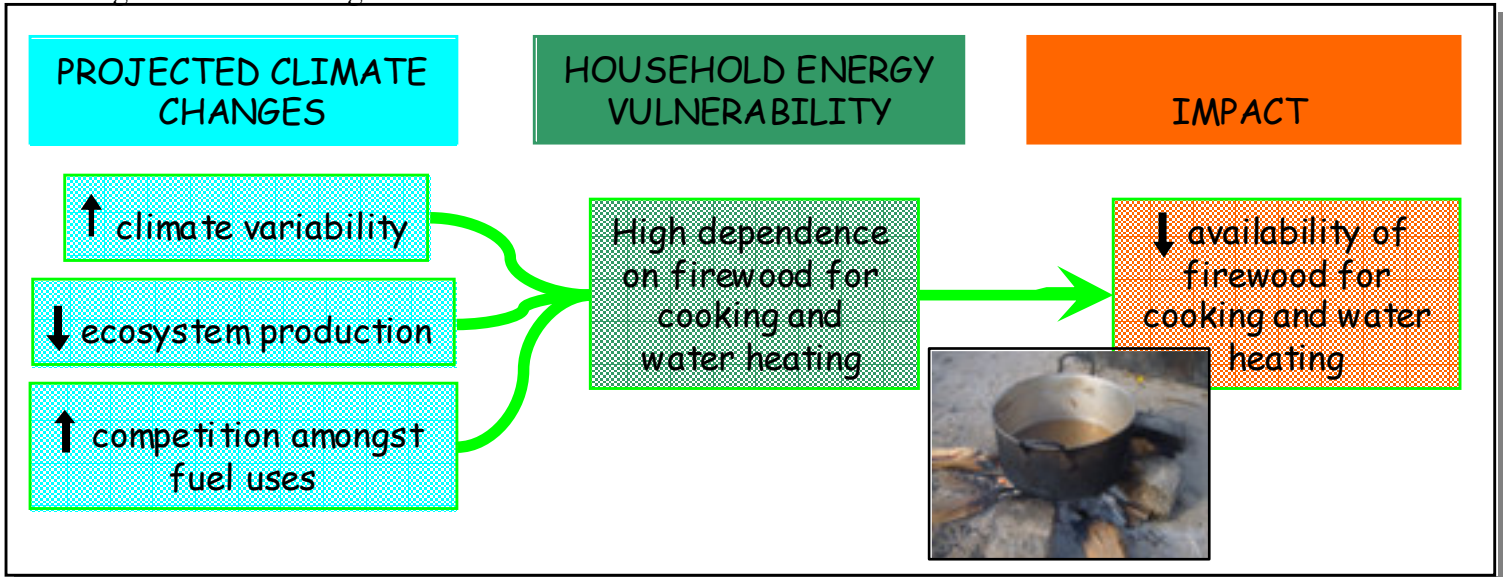


The flow chart below illustrates the impact of projected changes in the Namibian climate on energy-related cooking and water heating vulnerabilities in rural households.



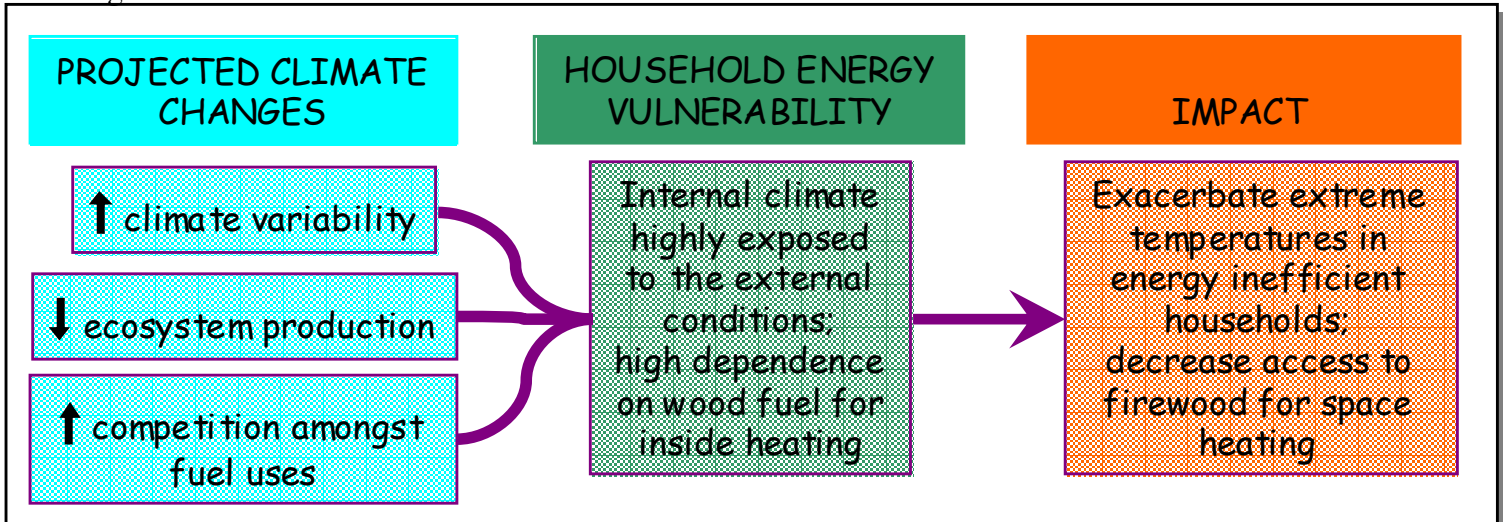
Adaptations that address the above mentioned impacts are identified below and illustrated within the green circles



Food Access, Preparation and Consumption Adaptations

- ✓ Use of fuel-efficient stoves and solar cookers to relieve dependence on vulnerable or scarce fuel sources.
- ✓ Plant fast-growing drought-tolerant trees and shrubs to supplement more traditional biomass fuel sources.
- ✓ Choose non-vulnerable fuel sources for cooking.
- ✓ Use of low cost, water-efficient household garden systems to enhance self-sufficiency and food security.

The flow chart below illustrates the impact of projected changes in the Namibian climate on space heating and cooling vulnerabilities in rural households.



Adaptations that address the above mentioned impacts are identified below and illustrated within the purple circles



- ### Energy Efficient Building Design Adaptations
- ✓ Use a north-south orientation to minimise the impact of mid-day heat.
 - ✓ Construct ceilings and use insulation materials and tiles to buffer the internal environment against heat and radiation.
 - ✓ Use shading to create a cool outdoor area.
 - ✓ Paint walls and roofs using light colours to maximally reflect sunlight.
 - ✓ Build roof overhangs to shade windows from direct sun during summer.
 - ✓ Use clay bricks and concrete blocks to enhance insulation.