

Updated Problem Statement for ThermaVault

English:

Many farmers, fishers, shop owners, hospital staff, Emergency-Relief Forces across Rural India face the problems of Unreliable Electricity and thus Unreliable (Cold-Storage) Storage of Essential Items that require a Cold environment to stay viable for long times.

Our Project will aim to resolve this issue of effective and economic Storage of Perishables such as Food (Meat, Dairy Products, Fruits etc); Medicine (Like Insulin, COVID-19 vaccines, Blood samples etc), While not relying on the Main Power Grid as that is susceptible to Power Losses and Failures quite often in Rural India.

Our Goal would be to provide a viable solution to this problem for the Economically Weaker Sections of Society while also maintaining sustainability.

Hindi:

Bahut se farmers, fishers, shop owners, hospital staff, Emergency-Relief Forces jo 'Rural India' mein rehte hai vo **Unreliable Bijli Supply** ki mushkil ka samna karte hai, aur is wajah se Zarrori cheezo ki **Cold-Storage** unreliable ho jati hai. Zarrori items jinhe **Thanda environment** me rehne parta hi lambe samay tak safe rehne ke liye.

Hamare project ka maksad hoga iss issue ko solve karna, effective aur economical storage provide karke **Perishables** jaise ki Khaane ki Cheeze (Fish, Meat, Dairy Products, Fruits etc.) aur Dawaiyan (Insulin, COVID-19 vaccines, Blood samples etc.), bina main power grid par nirbhar huye, kyunki rural India me ye aksar fail ho jaata hai ya bar-bar chala jaata hai.

Hamara goal hai Garreb Logo ke liye ek iss Problem ka ek **viable solution** provide karna, aur saath hi saath sustainability ke norms bhi follow karna.