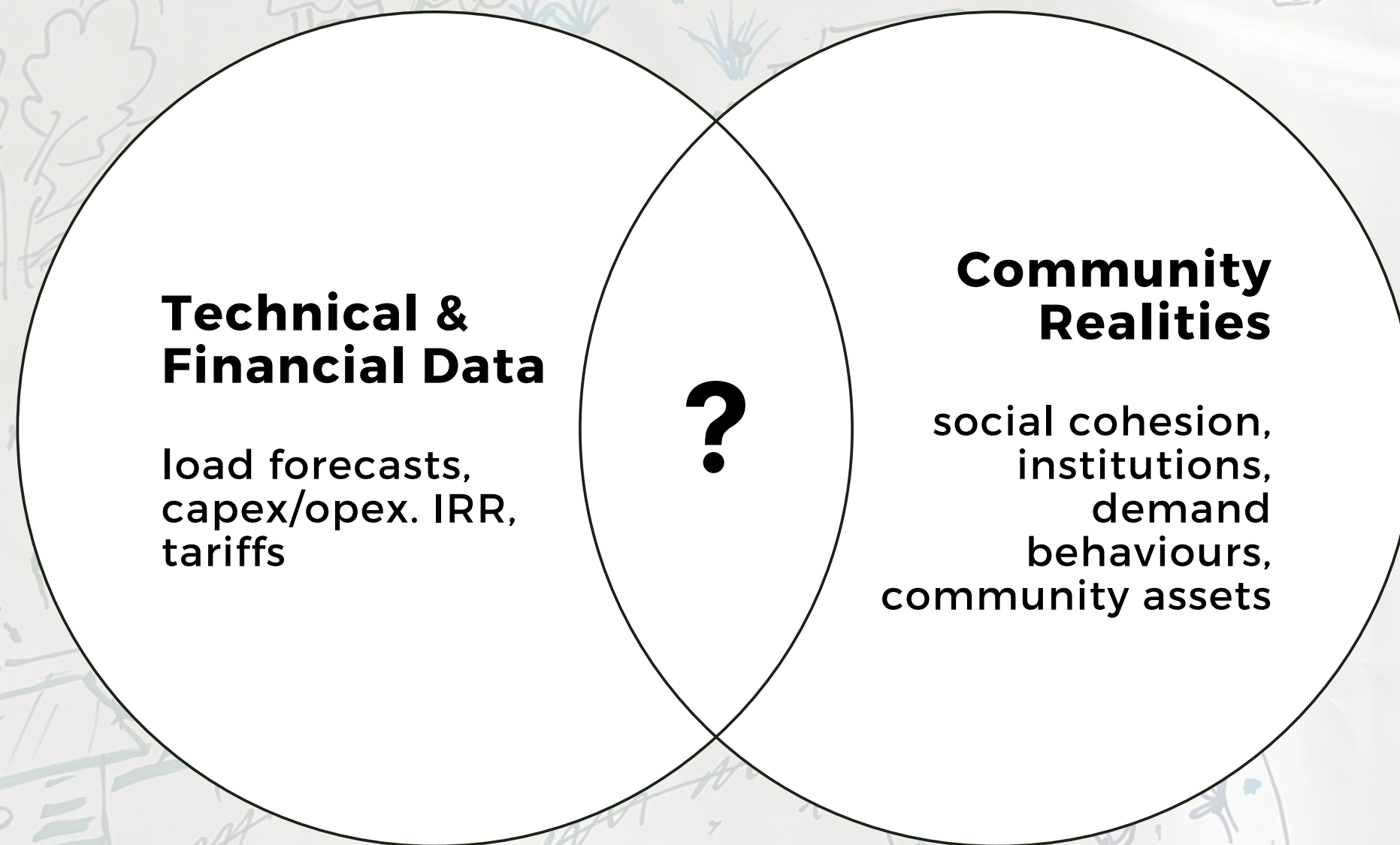


Community Energy Insights



WHAT'S MISSING IN MINIGRID PLANNING?



Developer and funders have strong tools for technical and financial assessments however, community experience, livelihoods, and local institutions are often overlooked yet they shape:

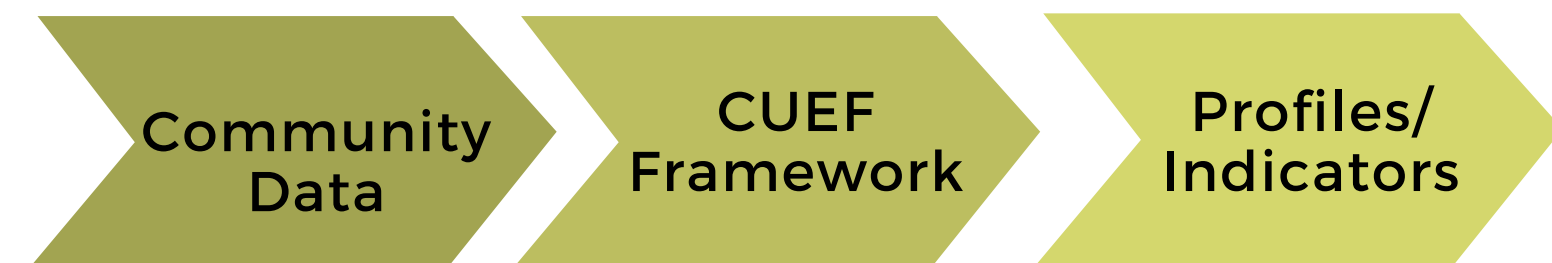
- energy demand,
- willingness to pay,
- long-term project viability



COMMUNITY ENERGY INSIGHTS FRAMEWORK (CUEF)

CUEF is an open-source framework that turns community-driven data into usable insights.

It captures key factors — demographics, livelihoods, institutions, and electrification experience — ensuring community voices are visible in energy planning.



A photograph of a river flowing over large, dark grey rocks. The water is a murky green-brown color and is in motion, creating white foam and splashes as it flows over the rocks. On the left bank, there is dense, lush green vegetation, including various types of ferns and leafy plants. A large, weathered log lies across the river, partially submerged. The background is slightly hazy, suggesting a misty or overcast day.

COMMUNITY ENERGY INSIGHTS INDEX (CUEI)

With the CUEF introduces a community profile;
Community Energy Insights Index (CUEI).

Every community is unique, their insights are the
details that translate into energy demand.

The CUEI captures a snapshot of the socio-
economic status of the communities, details that
support towards project design and demand
uncertainty.

WHY IT MATTERS

- Developer
s → Plan with confidence, avoid
under access project
- Funders → Improve community-driven
likelihoods
- Communit
y → Ensure their knowledge is
preserved and prioritised,
shaping the projects



WE NEED YOUR HELP

**We are gathering insights
across the energy sector**



Community insights are
often not recognized



This framework aims to
translate those insights
into actionable indices



The first step is gathering
inputs to build the
structure

A mini survey has been produced for the foundation of our research.
Your input ensures inclusive, grounded research that reflects
real world practice.



Data Use & Collaboration for
Mini-Grid Development
(Long Survey)



Collected Data for
Mini-Grid Development
(Short Survey)