

# Microgrid Powered Community Hosted Network



## Improve, create and connect local communities with Kuha

Kuha is an easy-to-install and affordable community hosted base station powered by renewable microgrid. It brings fast network connectivity to areas without or with inadequate coverage.

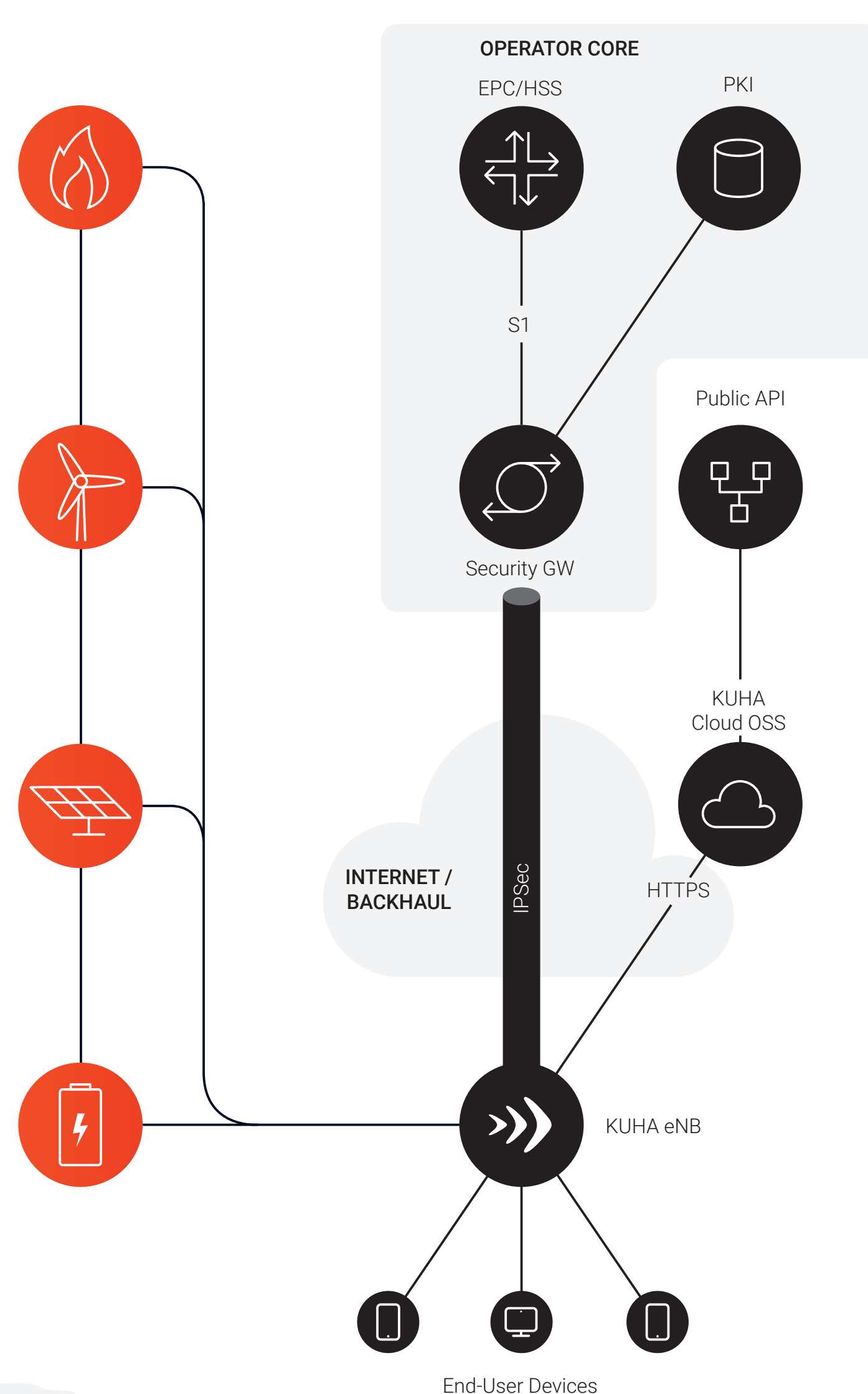
Kuha reduces costs of bringing mobile coverage to people in rural areas and can reach a previously unreachable customer base for both new and existing infrastructures. Kuha can simultaneously serve 600 mobile users.

Microgrid powered Kuha offers additional business opportunities for microgrid operators in installing and maintaining base stations. We are also testing the use of mobile broadband in the control of the grid itself.

Mobile network brings people a power to create, join and participate in causes which make their everyday life better.

For end users, it is the simplest, the most user friendly way to do connectivity "by us for us".

## High-level architecture of microgrid powered Kuha



### CONTACT US

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## About Fusion Grid project

Fusion Grid project intends to develop and roll out a comprehensive solution for bringing growth and prosperity to emerging markets. The solution consists of providing clean renewable electricity, connectivity and digital services to the rural areas without access. The aim of the project is to empower local population and enable them to increase their income by participating in local job and services markets, and then use provided digital tools to access global markets.

Since emerging markets lack financial resources, the project includes an analysis of different potential business models and development of an innovative model to meet feasibility requirements. It also carries out a study on entrepreneurship in emerging markets and the opportunities that exists for participation in global value chains. Thus, Fusion Grid aims to provide a "full stack" approach to a digitalization in emerging markets by addressing all layers, and the project is open for local service partners to join in.