ibuild™

Empowering the World to Build

Ronald Omyonga
April 5, 2017

Panel Topics: Localizing the Value Chain

ibuild

Improving Community Planning

Improving Construction Workforce

Improving Quality of Materials Used

Land Rights

Licenses / Approval Fees/ Building Codes

The **iBUILD mobile application** is a citizen-to-citizen (C2C) housing market disruption tool that **empowers people to build**, reversing their housing plight **through small-scale construction** based on individual need
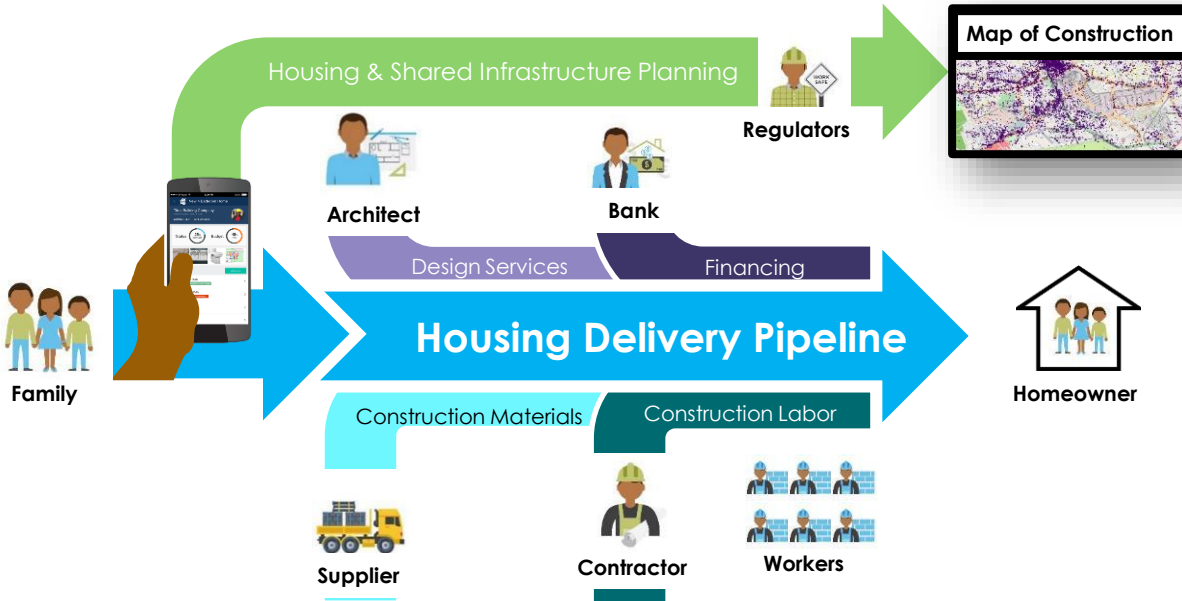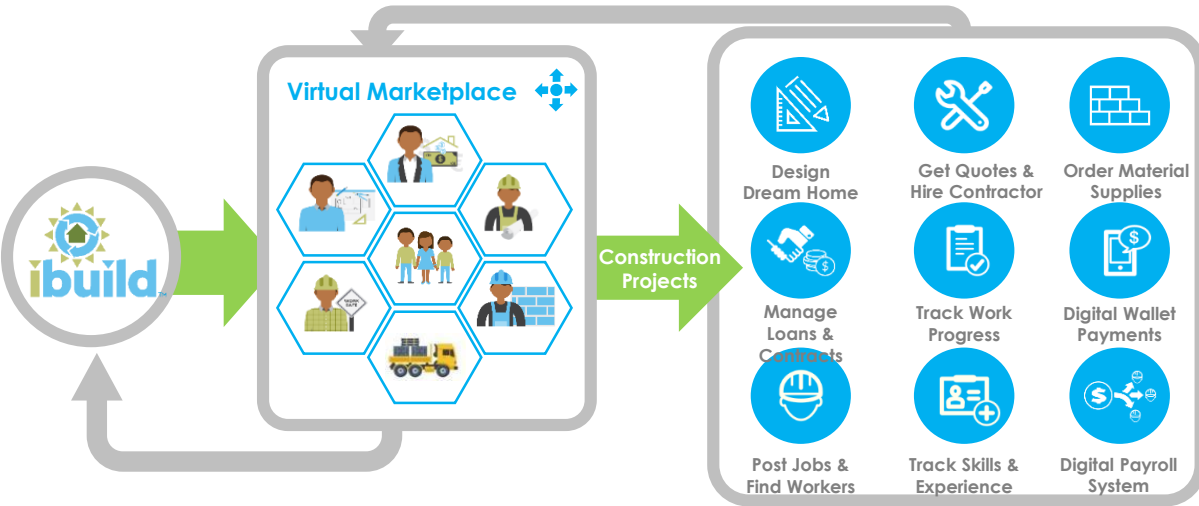
What Are All the Stakeholder's Issues?

Lender

Don't trust that the homes will actually be built because there is no transparency

Contractor

Difficult to identify & manage skilled workers as well as find customers

Supplier

Don't always have tools to market and manage accounts for the bottom of the pyramid

Worker

Lack a clear pathway to grow in their trade and find regular work

Architect

Often disregarded, resulting in poor quality buildings that may lead to collapses

Regulator

Lack tools to track small scale construction activity to property plan

ibuild™

How can this be made easier?

iBUILD: Empowering People to Build

Housing & Shared Infrastructure Planning

Map of Construction

Regulators

Architect

Bank

Design Services

Financing

Housing Delivery Pipeline

Family

Homeowner

Construction Materials

Construction Labor

Supplier

Contractor

Workers

iBUILD High Level Features

Virtual Marketplace

Construction Projects

Design Dream Home	Get Quotes & Hire Contractor	Order Material Supplies
Manage Loans & Contracts	Track Work Progress	Digital Wallet Payments
Post Jobs & Find Workers	Track Skills & Experience	Digital Payroll System

iBUILD Sample Screens

Customer

Contractor
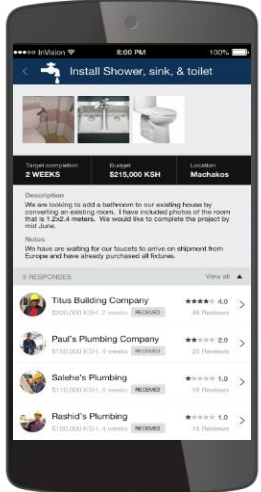
Review & Select Bids	Remotely Track Progress	Validate & Pay Contractor
Search for Projects & Submit Proposals	Submit updates via mobile phone	Get paid
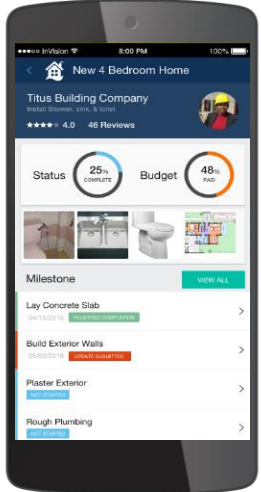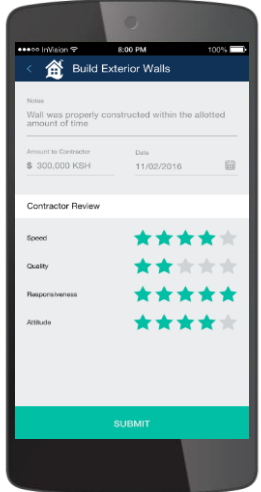
ibuild™

EAPI PANEL QUESTIONS

Community Planning

• What needs to be done to address the poor planning of the towns/cities in the region were buildings are built on unsafe grounds such as swampy areas and near water banks?

Certify Unskilled Workers

• Specifications for good mix are never followed as constructors employ unskilled workers to cut on construction costs- how can the industry address this issue and what needs to be done to upskill the local workforce?

Quality Materials

• Poor quality of concrete and other building materials – How can this be overcome and how can industry standards be implemented to measure / control quality?

Land Rights

• How can Kenya overcome the challenges related to land, including huge disparities in ownership and security of tenure, especially when it comes to community land? One revocation of illegal titles is to regularize ownership of illegally acquired land – is this a feasible solution and how will this pan out?

Licenses & Approval Fees

• Does the government need to lower licenses and approval fees to encourage compliance by local developers?

Building Codes

• How will the implementation of the Eurocodes improve professionalism across the built environment sector?

How to Learn More

Visit Our Website

www.ibuild.org

Email Us

Ronald@buildersofhope.org
jonathan.Godbout@ibuild.org