Describe idea with one concise sentence: Kibera resident collect drainage data to inform design and development of Nairobi City County’s flood risk reduction program

Flood Hub

Name: Elvis

Age: 21

Profession: Currently unemployed but has previously worked for the NYS

Concisely describe what is happening
Elvis is renting a structure in the low-lying and flood prone area of Andolo where he can take advantage of the cheap rent. During the rainy season flood waters washed away the wall of his structure allowing flood water and rubbish to inundate his home and resulting in water damage to his mattress.

Advertisement
Later the same year Elvis is at his friend’s house when he hears Ibra Maina (KDI Program Coordinator) on the radio talking about a new KDI initiative called the ‘Flood Hub’. They are looking for innovative and capable youth to be trained up on best practise flood resilient building techniques and construction practises and to take part in the physical construction of the Flood Hub building.
Selection Process
As part of the interview process with KDI, Elvis is asked to submit an idea on a flood resilient building techniques or construction that could be used and testing at the Flood Hub. Elvis decide to submit an idea about using different types of adobe bricks to construct the walls of the Flood Hub.

Recruitment and Training
Success! KDI staff love Elvis’s idea and he is selected to be part of the flood hub construction team. During the construction process Elvis learns from KDI designers and engineers and other ‘Flood Hub’ about best engineering and construction practises, techniques and new technologies.

Testing and Improvement
The Flood hub has been constructed but work has not yet finished. Following the next period of long rains members the ‘flood hub’ team are asked to carry out a performance evaluation of the various flood protection elements including a cost/ benefit analysis. This enable them to develop and improve their ideas.
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<th>Influence</th>
<th>Micro enterprise</th>
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<td>Influence Word begins to spread in the Andolo and the wider community about this Flood Hub project. Maina a local landlord is particular interested in how he could improve the flood resilience of the buildings he rents to reduce the high cost of repairs required twice a year. He meets Elvis and employs him to carry out work on his structures.</td>
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<td>Micro enterprise Elvis decides to start a business which trains up other youth in best construction practices.</td>
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