
Sanku and Engineers Without Borders

By Frida Nygaard and Hanna Heggveit

Ingeniører Uten Grenser NTNU

Local student chapter of IUG Norway

Engineering knowledge in aid

Events at the campus here at Gløshaugen

Working with Master students

Students go to Nepal in the summer to repair hospital instruments

Sanku and IUG NTNU

Fall 2018

Nutritious flour in Tanzania

Sanku said they had several technical problems

App: For the staff at the mills

Solar panels: Renewable energy

<https://vimeo.com/234456450>



Sanku

Small scale mills feed **95%** of the population

Decentralized, lack of technology, bad economy

Sanku's solution:

Installing a **dosifier**, which adds nutrients into the flour

Monitoring the miller's use of the dosifier

Sanku



	SANKU	Large Scale Fortification	Bio Fortification	Supplementation
Does not Rely on Behavior Change	✓	✓	✗	✗
Remote Monitoring Ability	✓	✗	✗	✗
Reaches the Most At-risk Populations	✓	✗	✓	✓
Can Scale Reach	✓	✓	✓	✗
Sustainable Economics	✓	✓	✗	✗

Sanku - Making an app

Felix Brooks-Church, the CEO at Sanku

He needs **you** to develop an app

The app is going to be used by the staff working at the local mills all over Tanzania

Your challenge will be to make it **easy to use** and **intuitive** for the staff

