

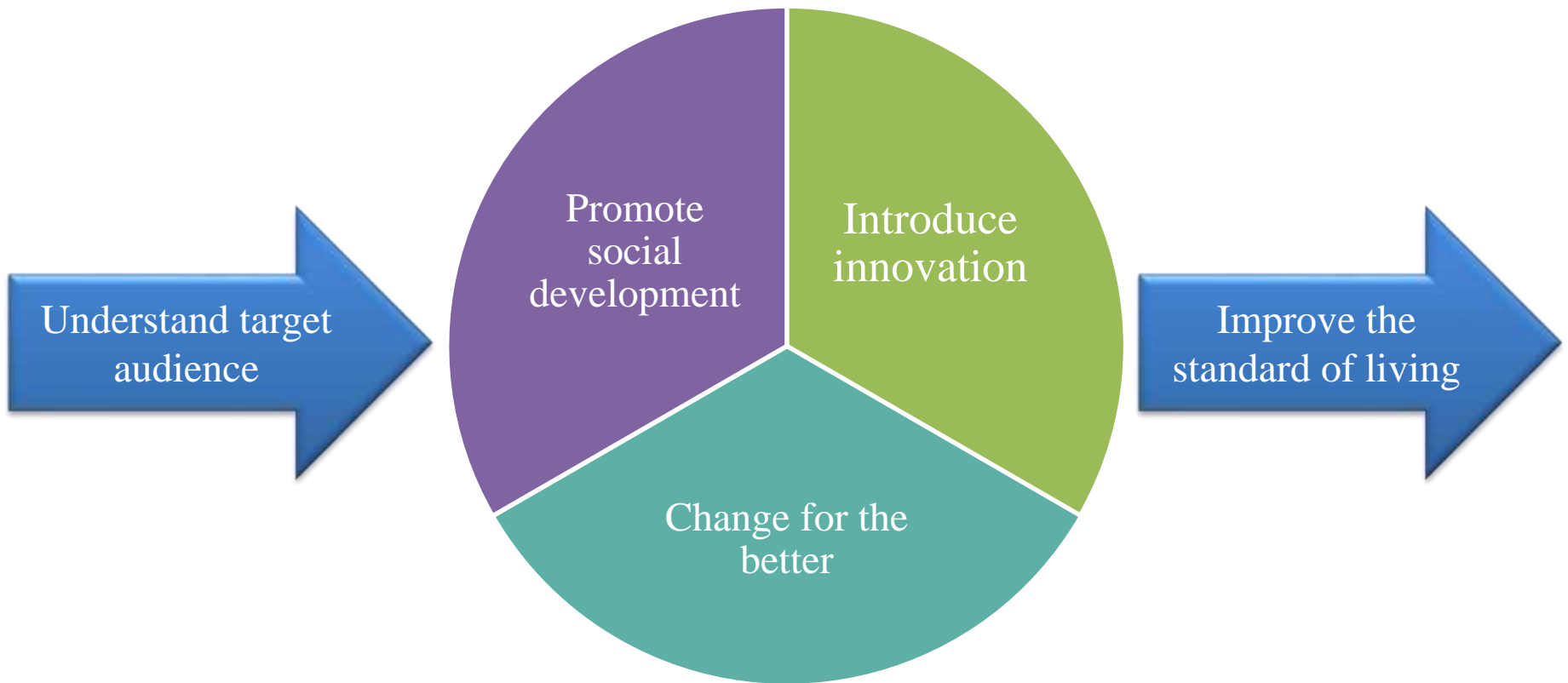


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AGRICULTURE • INNOVATION • LIFE

Social Innovation Benefits Through Simplification of Technology

Anas Mohd Mustafah
Jabatan Kejuruteraan Biologi dan Pertanian
Universiti Putra Malaysia (UPM), Serdang
anas_mustafah@upm.edu.my

Social Innovation



Experiential learning

- Kg Mitabang, Kiulu
- Staying with the community
- Economic activities:
 - Homestay, rubber, paddy, stingless bee, misc. agricultural crops



Problem Statement

- Problems:

Economy and youth migration

The community lacks prosperous economic activities currently with most of the main income being under threat. Added with youth migration to the city, the community lacks manpower to perform the laborious task of traditional agriculture and lacks skills for technology use.



Stingless bee honey

- Stingless bee honey is a good opportunity for income
- Their practice reduces production output
- Usage of pump could help improve production



Methods



To design a simplified pumps to allow self-maintenance



Testing the design:
Provide sample pumps to community for feedback

Gauge simplicity of pumps during Stem workshop



Building 20 sets of pump to provide to the community for use and training

Results

Functional

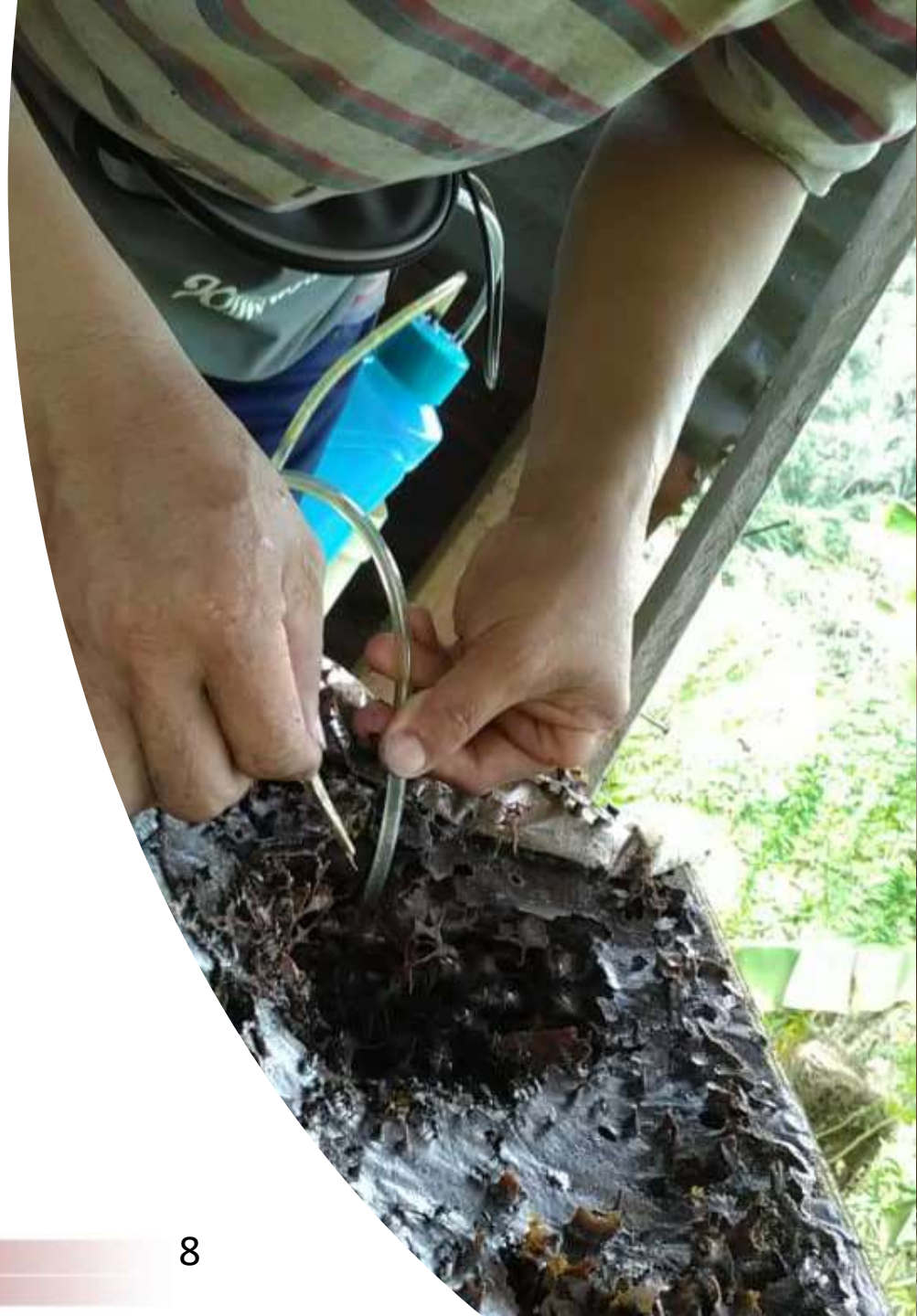
Simple

Available



Simplified Stingless Bee Honey Pump

- The pump was tested by the community
- Positive feedback: able to produce every two weeks
- Support from Social Innovation through Experiential Learning (SITEL) via the Social innovation Movement (SIM) to provide 20 units of pump



You

Geran akan lulus dalam feb tahun hadapan

Tq prof kasi info saja,minggu lalu saya sudah dapat 4 botol 500 ml dlm 2 minggu 1 botol
Rm50 perkembangan dari saya prof

14:27

You

Saya harap dpt berikan pada kamu dalam mac mungkin

 tq prof

14:27

Selamat mlm prof,apa kbar?harap kmu sihat

21:29

Hari ini saya ada hisap madu kolulut 1 kilo lebih baru 3 kotak




21:31

Ada kawan beli itu madu,so sekarang di sekitar kampung ini ramai yang sangat
berminat dengan alat penyedut madu yang kmu buat it mereka teringin sangat

21:34

Mereka tanya harga satu set so bagaimana prof?

21:34

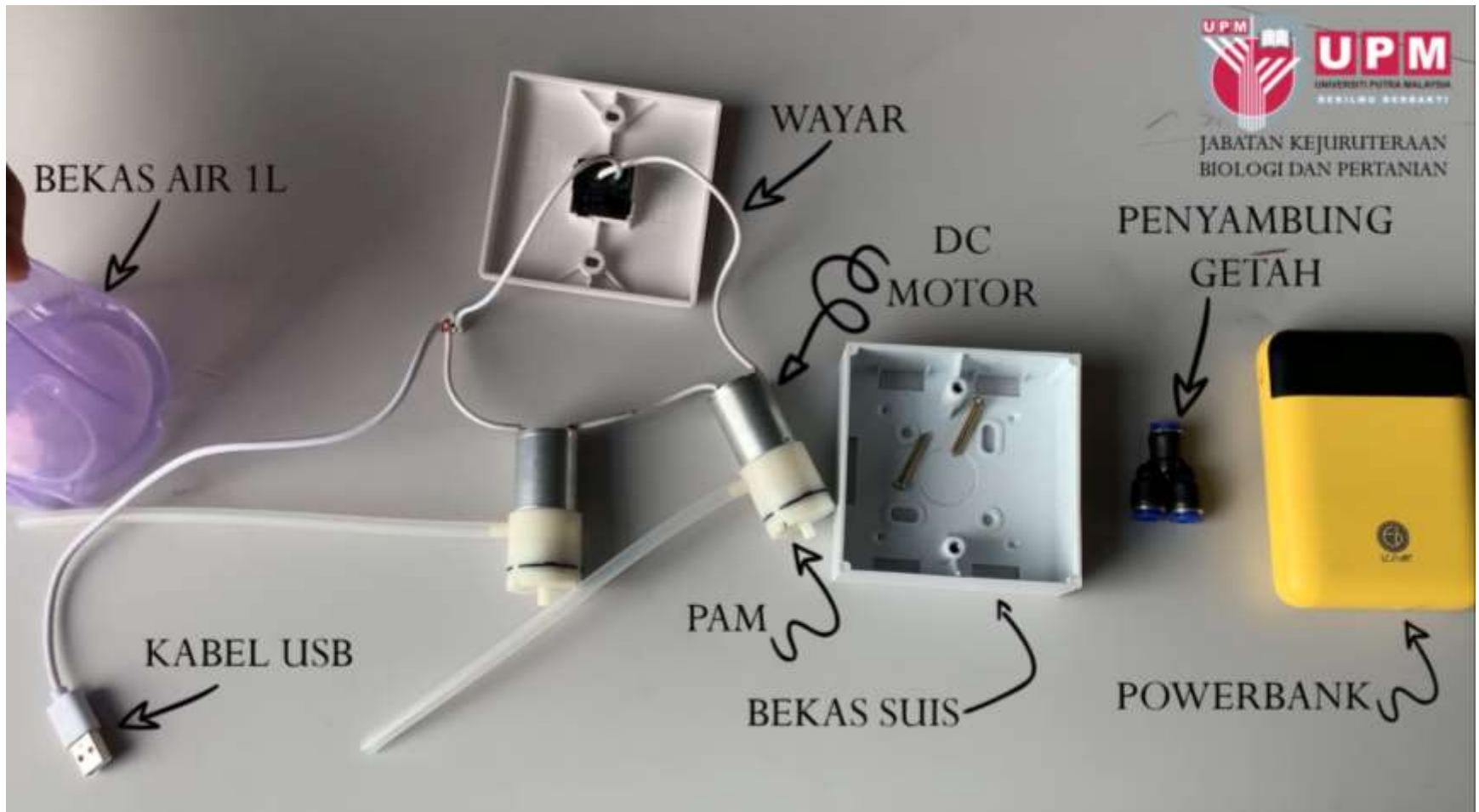
Mereka kata mudah,ringan,hos penyedut kecil dan sesuai dan mudah ali   

21:37

Building the pump for Kg. Mitabang



Simplified pump



Discussions



THE PUMP HAVE RECEIVED
GOOD FEEDBACK ON HONEY
PRODUCTION INCREASE FOR
THE COMMUNITY



THE COMMUNITY HAVE
SHOWN THE CAPABILITIES TO
REPAIR PRE-DAMAGED
PUMPS INDEPENDENTLY



NOW IN TALK TO START TO
BUILD THEIR OWN PUMPS



CONTINUE WITH SOCIAL
INNOVATION AND OUTREACH
PROGRAMS

Guide video





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TERIMA KASIH / *THANK YOU*

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