Application of KTGS: Tips and Tricks

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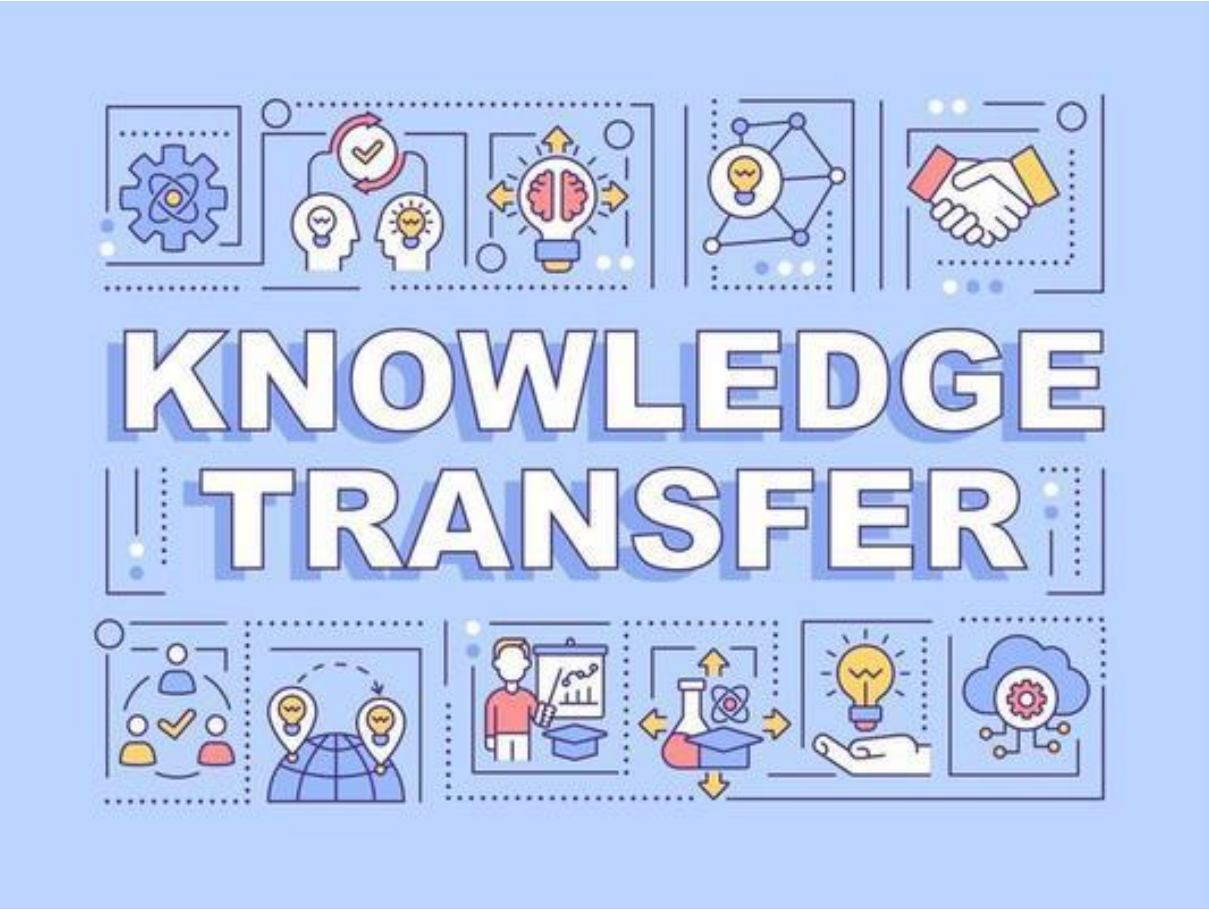
What do you know about knowledge transfer?



Definitions

- Knowledge:
  - facts, information, and skills acquired through experience or education; the theoretical or practical understanding of a subject.

- Transfer:
  - an act of moving something or someone to another place, organization, team, etc.

Who are the players?

Community

Academicians/ staff

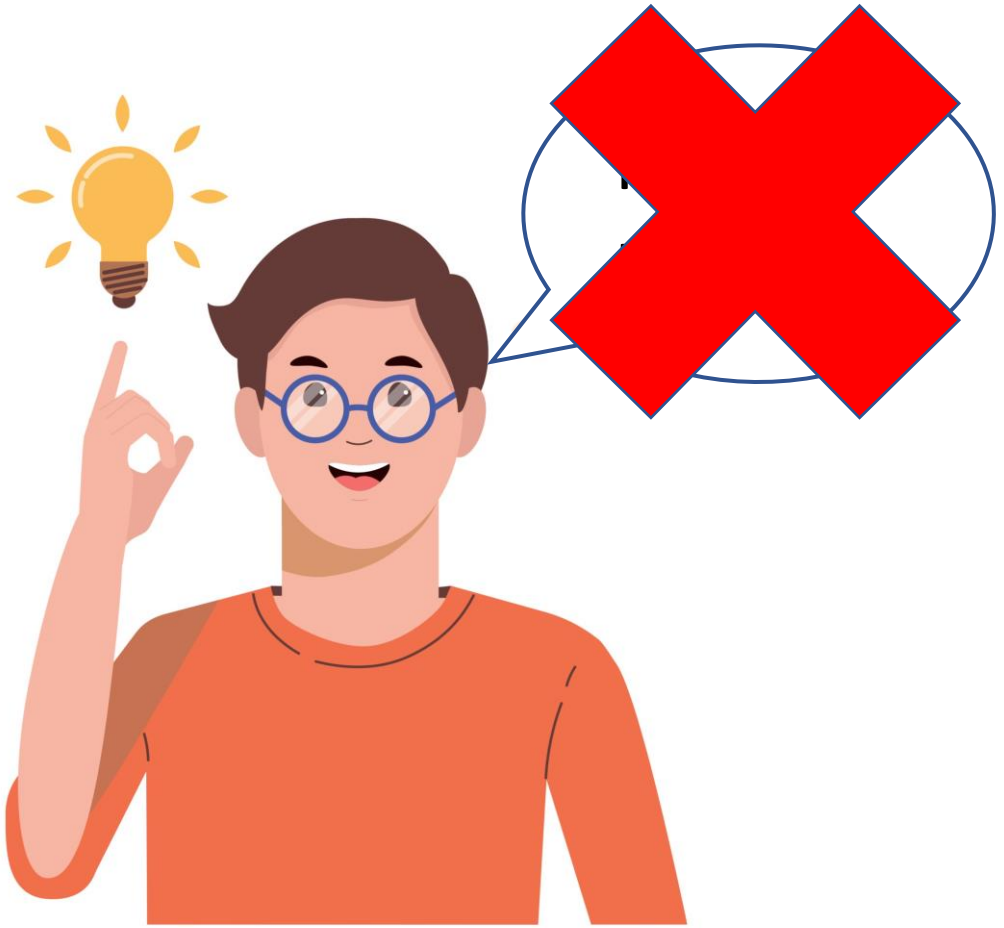
UCTC UPM

Community

- Choose the right community target
- Kluster
  - Komuniti Setempat, Komuniti Pertanian, Belia, Warga Emas, Pesakit Kanser, Orang Asli, Pendidikan Kanak-kanak/Pelajar
- Program
  - Sekolah Angkat, Program Warga Emas, Pembangunan Orang Asli, Bandar Hijau Serdang, etc
- Community must be sustainable
- Example: School teachers vs Students

Academicians

- Backgrounds
  - Expertise
  - Team members
  - Experience
- What you want to transfer?
- Have you done it before?
- Are the methods/ formulations/ etc have been proven effective?



Reasons to apply the grant

- Must have a need
  - From the community (to solve current issues)
  - From the academicians (to share the knowledge)
- Intention
  - Letter of intention as proof from the community
  - Not a letter from the academicians
  - Need to strategize - both ways

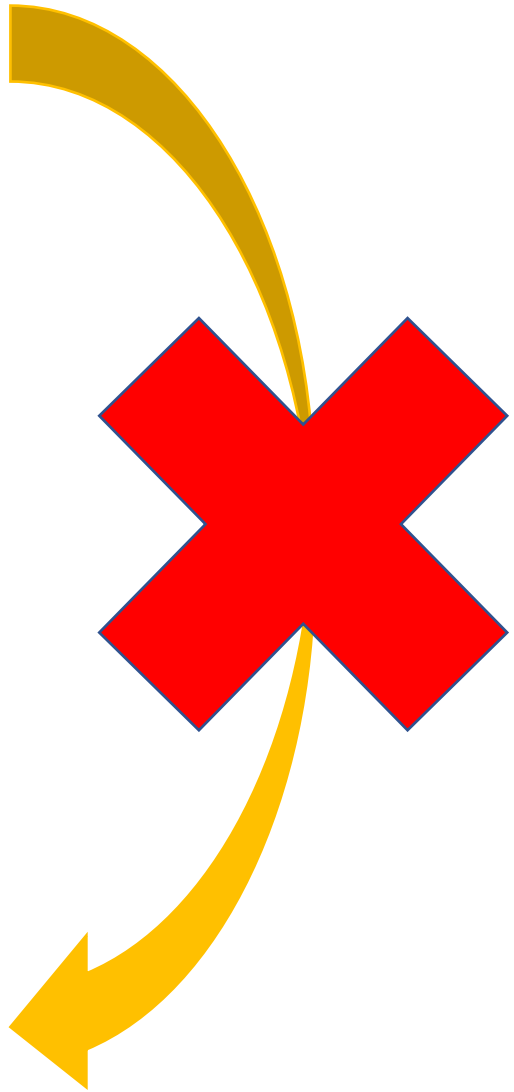
Examples of issues that need to be solved

- Conveying information/ technology to solve water problem
- Teaching to produce products from underutilize plants
- Transferring knowledge to community to eat healthy food
- Training teachers/ staff the more efficient learning methods

Academicians/ staff

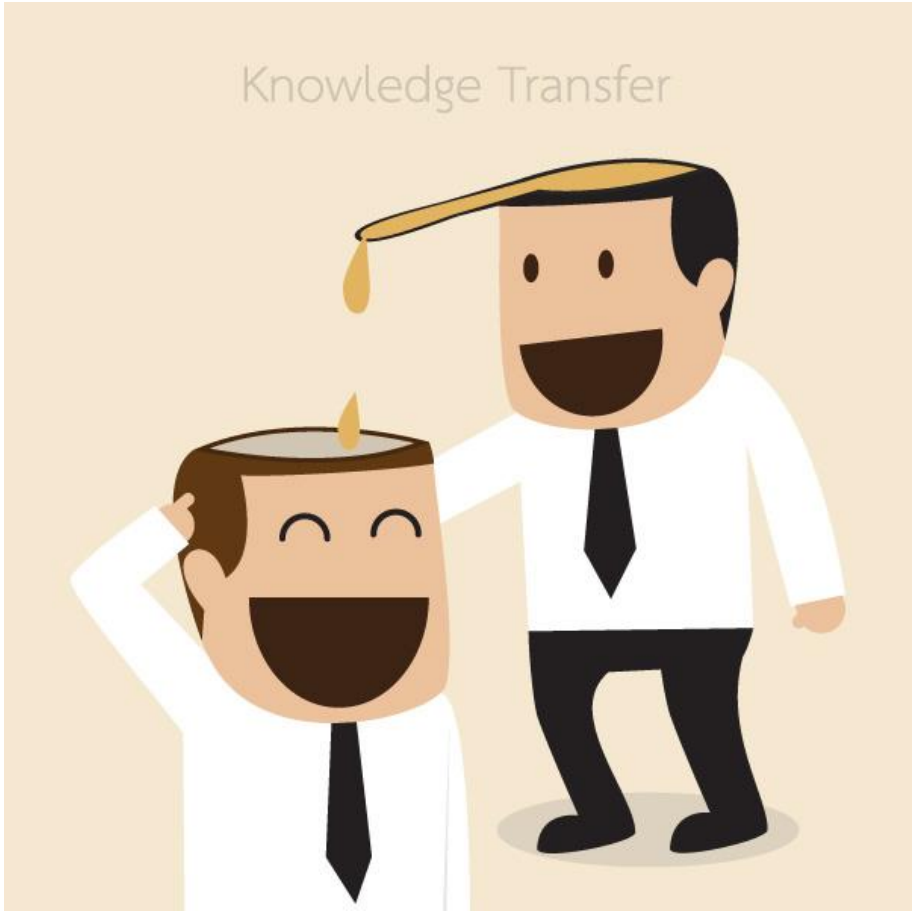
Teachers/ staff of organizations/ committee of a community (permanent)

Students (must include teachers)/ part-time worker/ non-resident community (non-permanent)



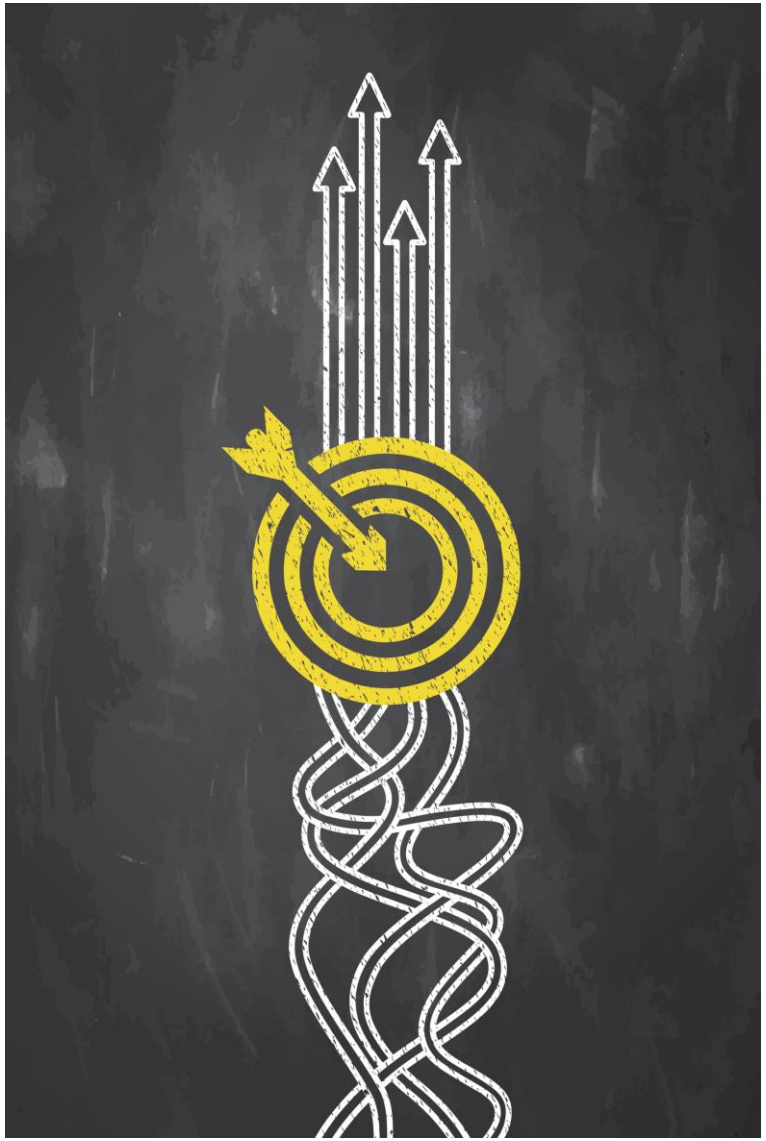
Title – the first mistake!

- Need to be straightforward
- Clear (easy to be understood by the evaluator)
- Include element of knowledge transfer
- Eliminate element of research
- Example:
  - "Knowledge Transfer of Home-Grown Vegetables Technology to Housewives of Sri Serdang Community"



Objectives – must be accurate

- Applicants know what they want to do
- Reflects the content of the proposal
- Include element of knowledge transfer (Again!)
- Eliminate element of research (Again!)
- Examples:
  - To teach the Orang Asli community to read the food labelling of the processed food products.
  - To train the teachers, canteen owners and students on choosing the healthier food for consumption.



Contents

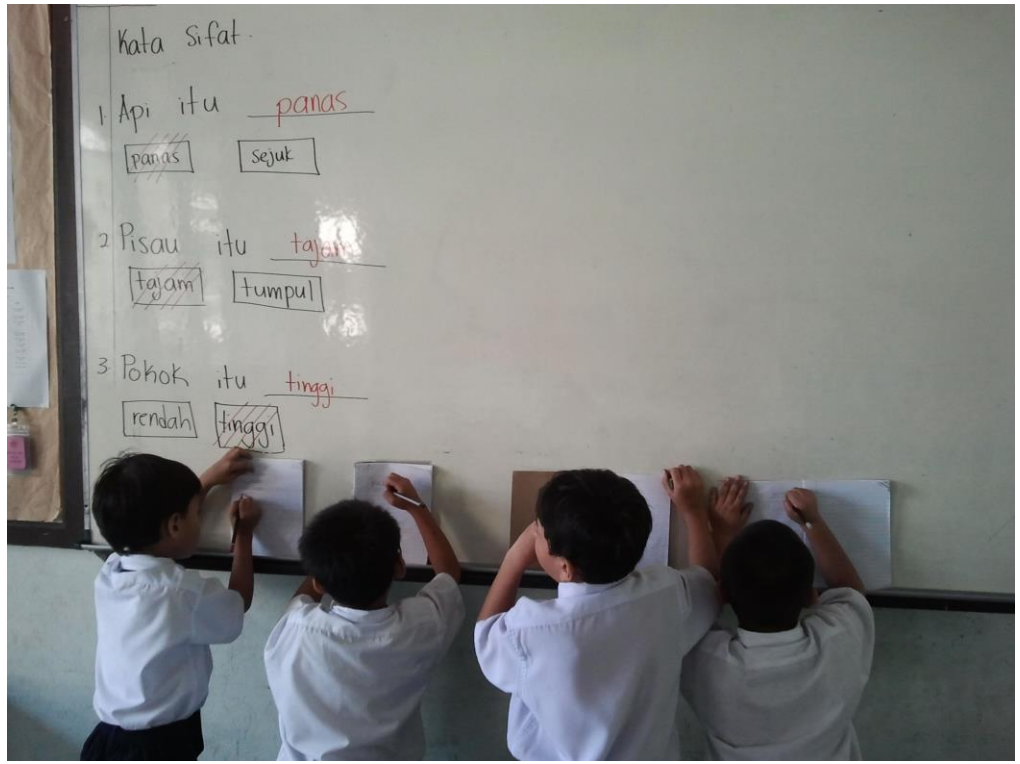
- Highlight the knowledge transfer element
- Must be achievable
- Well planned and structured
- Tasks are divided properly between academicians and among the community
- Durations – within 12 months
- Need to be realistic - prepare a proper Gantt chart

Budget

- Within the given range (not too low).
  - Materials (not for research)
  - Transportation
  - Rent
  - No payment for the academicians! (you are transferring knowledge)
  - Not for buying equipment
- Money from the community
- In-kind from the community
  - Foods
  - Places (hall, classrooms, etc)

Output

- A measurable output (towards the community – not the academicians!)
- Examples:
  - Improve knowledge on selecting safe food to be eaten
  - Increase health status among kids due to the advice given
  - Change of attitude towards smoking among teenagers
  - Reducing cost of living due to consuming home-grown vegetables
  - Improve percentage of students passing the exams
  - Increase in sales of a food products



Can I include Research Element?

- 30% research element
- Need to be subtle
- Too much influence of research due to academicians background
  - Objectives – research driven
  - Spending/ budget – equipment, chemicals
  - Output – papers
- Too many mistakes done by previous applicants

Sharing my experience

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