

WHY
Appropriate Technology?

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Good Neighbors Chad

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'Why' decides 'How': Mountain Story



From Doing to Empowering





Ownership	Outsider	Insider
Resource	Outside	Local
Participation	None	Yes
Dependency	Dependent	Independent
Empowerment	None	Empowered
Capacity Building	None	Yes
Multiplication	None	Yes
Sustainability	None	Yes
Mode of Work	Relief (Cure)	Development (Prevent)

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'Three Phases' of Doing Mission

	Doing	Teaching	Empowering
Ownership	Outsider	Outsider	Insider
Resource	Outsider	Outsider	Insider
Relationship	Giver- Receiver	Teacher- Student	Partner
Result	Recipient	Recipient	Co-Worker
Impact	Dependent	Dependent	Independent
Sustainability	No	No	Yes

Which one do you think is the best way to empower people?

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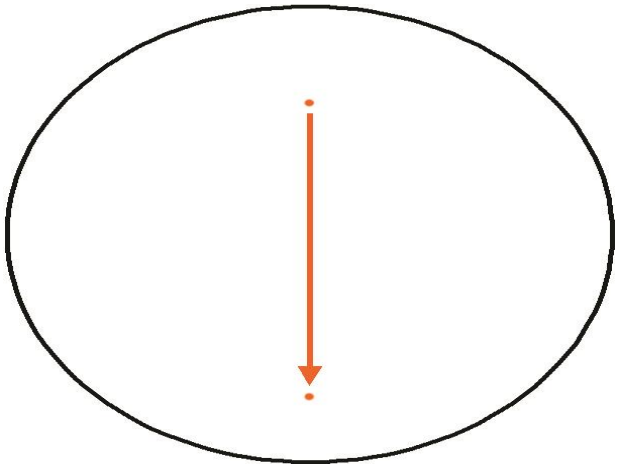
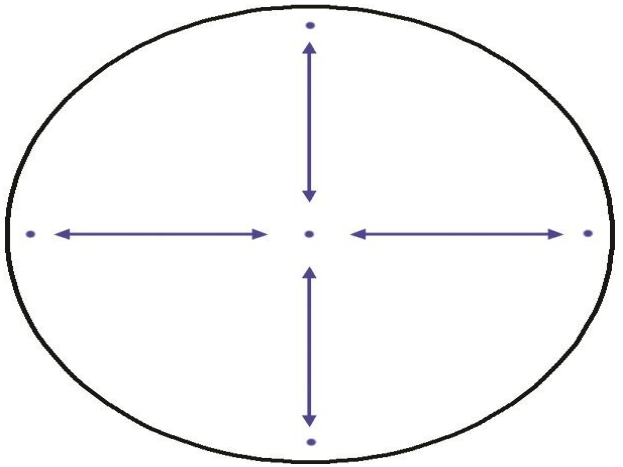
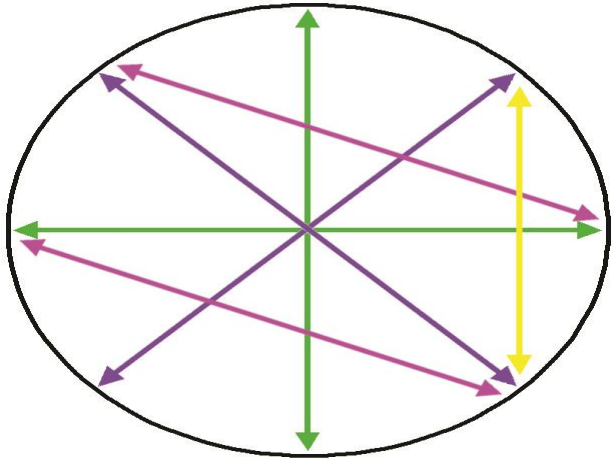
Three Kinds of Relationships



Projects



Partnerships



Movement

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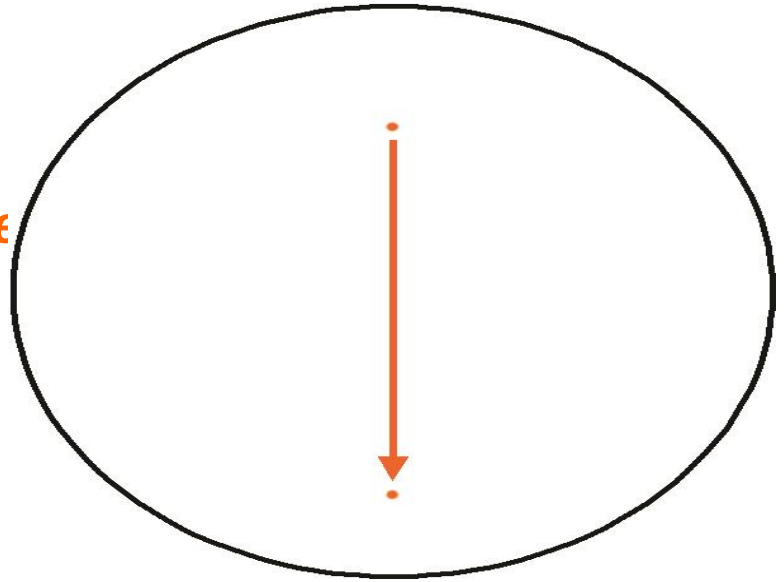
Projects

- ***Influence and Communication is one way.***
- ***Teams are dependent on the resources provided by headquarte***
- ***Process is management***
- ***Outcome is a project***



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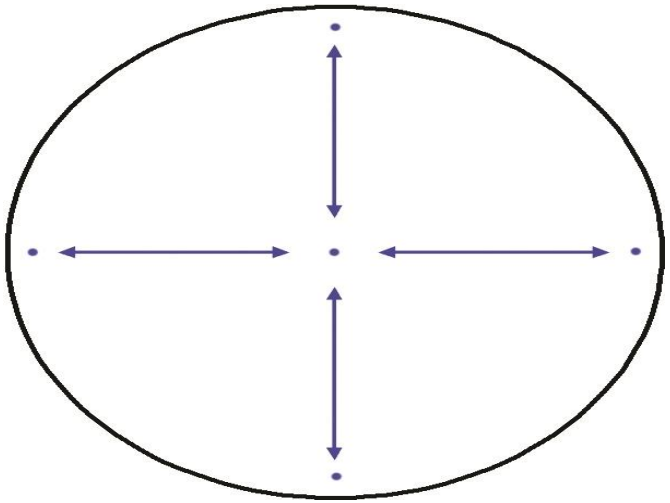
Partnerships

- ***Communication and influence is two ways.***
- ***Relationship is consultative; based on knowledge and experience.***
- ***Process is skill development.***
- ***Outcome is multiple projects.***



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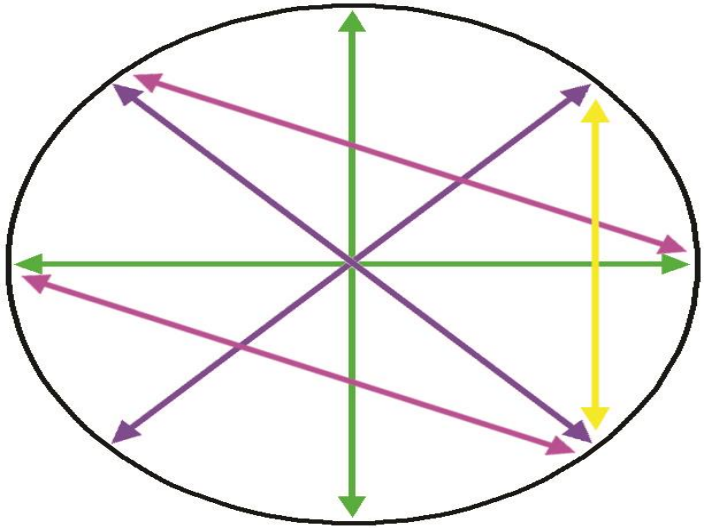
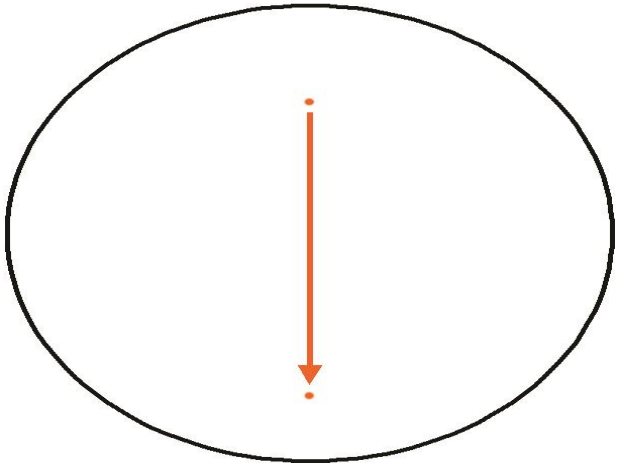
Movement

- ***Relationships are interdependent, based on shared vision.***
- ***Influence is mutual.***
- ***Communication is multidimensional.***
- ***Process is networking and collaboration.***
- ***Outcome is a movement.***

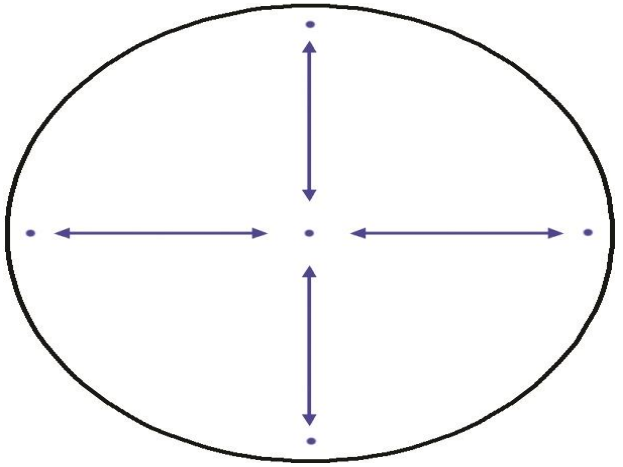


Good Neighbors Chad

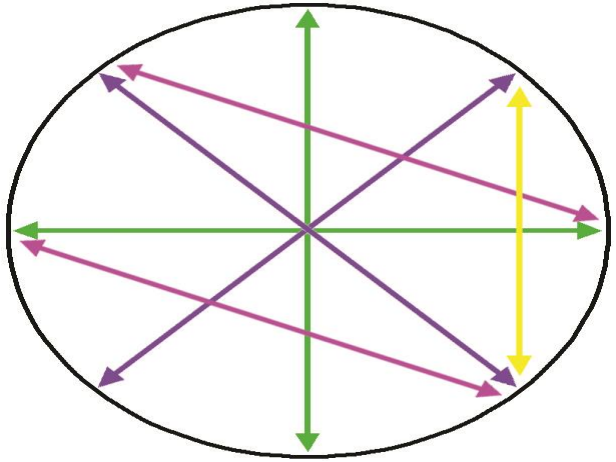
Where we are at ?



Projects



Partnerships



Movement

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Relief or Development

Done by outside

Done by inside

Maintained by non local people

Maintained by local people

Belong to non local people

Belong to local people



Appropriate technology (development approach)

- Appropriate technology is the appropriate selection of a device or solution to a problem based on the individual needs of an area, or a population; which generally utilizes **simple** and **user friendly** products and or systems.

  - E.F Schumacher

- small-scale technology
- people can manage it directly and on a local level
- makes use of skills and technology that are available in a local community to supply basic human needs
- the social and cultural dimension of innovation

E.F. Schumacher

- Coined the term Appropriate Technology.

- Based the philosophy of appropriate technology on his experiences in developing nations.
  - He worked around the world as a Economist.

- His 1973 publication "*Small Is Beautiful: Economics As If People Mattered*" outlined Appropriate technology.

Goals for Appropriate Technology

- Non-Violent / Sustainable (no damage to the environment)
- Renewable Sources of Energy
- Create Job opportunities
- Created locally
- Use Local skills
- Use local materials
- Low Cost
- Simple, small scale Appropriate to the community



Well known examples of Appropriate Technology

- Life straw



- Q-drum



- Pot in pot



What Good Neighbors Chad has been doing?

- Dried Mango Project













What Good Neighbors Chad has been doning?

- Charcoal Project















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Good Neighbors
Chad

What Good Neighbors Chad has been doing?

- Soil Break Project



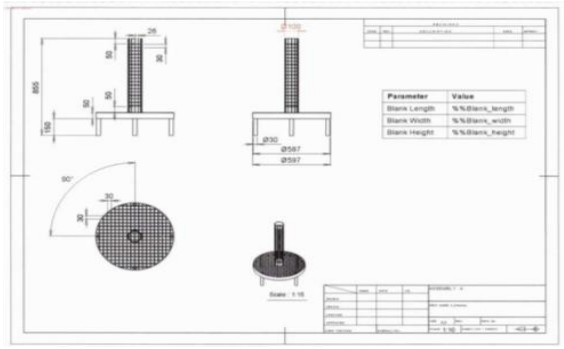


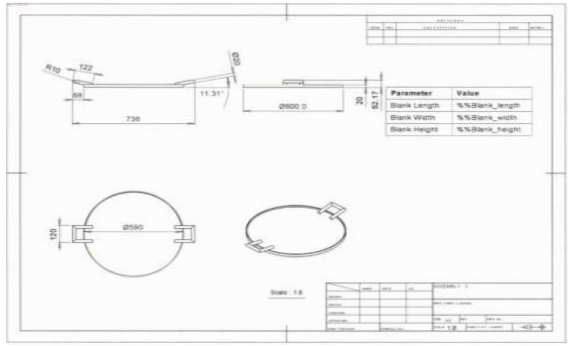



Key Point 1

<Of the local people, by the local people and for the local people>

- Used by local people
- Easy to use and fix
- Belong to local people







<Example of failure>

- **Charcoal press machine**
  - Hard to make
  - Hard to fix up
  - Hard to maintain

Key Point 2

< Sustainability >

- Create Job opportunities
- Increase income
- Develop local area
- No damage to the environment



Key Point 2

Appropriate Technology (Products or Service)

+

Social Enterprise (Cooperative, Company)

=

Sustainable Development

Conclusion

<Collaboration>

- Appropriate technology is not only about technology but also management, culture, entrepreneurship, politic and so on.
- Start Social Enterprises by using Appropriate Technology

For resolving poverty problem,

we should help them to earn their own money



Thank you