



D-Lab

Fall 2009

Development through Dialogue, Design,
and Dissemination

The 3 Revolutions of Development

- Appropriate Technology
- Participatory Development
- Co-Creation

Appropriate Technology

Photos removed due to copyright restrictions

Pot-in-Pot

Treadle Pump

Loom

Participatory Development

- Working with communities to identify problems
- Stakeholder analysis



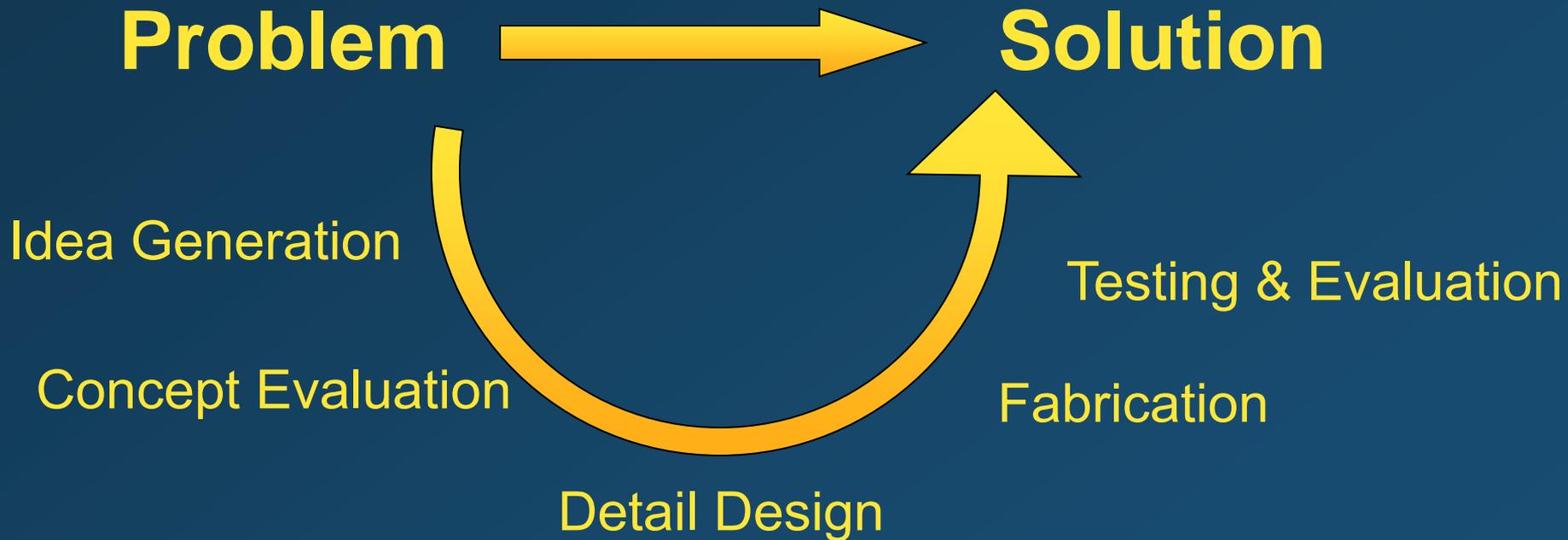
Advantages of Participation

- Efficiency
- Effectiveness
- Self-Reliance
- Coverage
- Sustainability

Disadvantages of Participation

- Time
- Resources
 - Materials
 - Human
- Unpredictability
- Expectation management

The Design Process



Consultation vs Co-Creation

Community Involvement

Problem



Solution

Community Involvement

Idea Generation

Concept Evaluation

Community Involvement

Testing & Evaluation

Fabrication

Detail Design

IDDS 2009

- 80 Participants
- 20 Countries
- 12 Projects
- 10 Villages
- 5 Weeks



TUMAINI CYCLES

MUDA WA MAUZO NA

MAREKESHO

AGENCY FOR

WATER



Coming up...

- Mitch Resnick, Media Lab
- President John Kufuor
- Agricultural Technology Showcase
- Country Presentations

MIT OpenCourseWare
<http://ocw.mit.edu>

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