Rapid Income Expansion Self-Support Decision Tree

**Options for getting skills**
- Potential apprenticeship
- Get counsel
- Study business

**Work experience Education**

**Training Talents/Gifting**

**Do you have the skill?**

**Do you have the start-up capital?**

**Do you have the best location?**

**Have you done market research?**

**Do you have the start-up materials?**

**Priorities for business success**

**STOP**
- Do you have a business plan?  **PRIORITY High**
- Do you have the best location?  **PRIORITY High**
- Have you done market research?  **PRIORITY High**

**Lean Start-up**

**Agriculture**

**Savings**

**Reinvestment**

**We will together “rebel” or fight (strong aversion) against low expectations!**

**Choose highest income per hr. opportunity**
AGRICULTURE: CONSIDERING INTENSIFYING &/OR EXTENSIFYING

Do you have a place?
- Ask pastor, neighbors, relatives
- Contract* with the property owner or host community

Is there a source of water?
- Yes
- No

Big?
- No machinery
- Irrigate!!!

Small?
- Yes

Dependable rain
- Yes
- No

Excessive water
- Yes
- No

PROCURING LAND*
- Ask pastor, neighbors, relatives
- Contract* with the property owner or host community

HIGH VALUE CROPS/ANIMALS
- Reduce risk & increase income
  - Companion compensation
  - Relay cropping
  - Provision of partial shade
  - Differential use of resources
- Optimal fertilizer--low budget
  - Organic matter/manure
  - Gr. manure cover crops
  - Wood ash/charcoal fines

Intercropping
- Yes
- No

Dry season activities
- Collect mulch
- Zai Holes/Pits/WAD*
- Microswales
- Make raised beds
- Start fruit, timber, vegetable seedlings
- Dig a pond
- Marketing survey
- Irrigated garden (drip*)

CROP PROTECTION & SECURITY
- Training dogs
- Manure tea
- Living fence
- Temporary fence
- Guard
- Pesticides
- Herbicides/mulch
- Crop rotation

Rainfed crops
- Millet/sorghum
- Gnut/sim-sim
- Amaranth
- Okra
- Sweet potatoes
- Small eggplant
- Small tomato
- Pumpkin
- Cape Gooseberry

DRY SEASON ACTIVITIES
- Collect mulch
- Zai Holes/Pits/WAD*
- Microswales
- Make raised beds
- Start fruit, timber, vegetable seedlings
- Dig a pond
- Marketing survey
- Irrigated garden (drip*)

Graft
- Essential oils
- Herbs
- Fruit, timber, veg seedlings

*Make your own bamboo or water bottle drip irrigation system

Experiment keeping
- Receding water planting

Marketing research
- High raised beds

Human urine
- Collect human urine

Human urine
- Collect human urine

Organic matter/manure
- Make your own bamboo or water bottle drip irrigation system

Gr. manure cover crops
- Make your own bamboo or water bottle drip irrigation system

Wood ash/charcoal fines
- Make your own bamboo or water bottle drip irrigation system

*Make your own bamboo or water bottle drip irrigation system

Mechanization--order of affordability
- 1. Herbicide sprayer
- 2. Ox plow
- 3. Tractor

Optimal fertilizer--low budget
- Graft
- Essential oils
- Herbs
- Fruit, timber, veg seedlings

Highest Value Crops/Animals
- Herbs (Essential oils)
- Fruit, timber, veg seedlings

Graft
- Essential oils
- Herbs
- Fruit, timber, veg seedlings

Experiment keeping
- Receding water planting

Marketing research
- High raised beds

Human urine
- Collect human urine

Organic matter/manure
- Make your own bamboo or water bottle drip irrigation system

Gr. manure cover crops
- Make your own bamboo or water bottle drip irrigation system

Wood ash/charcoal fines
- Make your own bamboo or water bottle drip irrigation system

*Make your own bamboo or water bottle drip irrigation system
ACROSS Zai Pits/Holes
Kapeota East, South Sudan
Preparation of holes/pits
ACROSS Zai Pits/Holes
Kapeota East, South Sudan
A month ½ no rain
ACROSS Zai Pits/Holes
Kapoeta East, South Sudan
A month ½ little rain
### “THINKING OUTSIDE THE BOX” STRATEGIES

#### LEAN START-UP METHODOLOGY

- Entrepreneurs
- Start-ups
- Uncertainty (product/market/model)
- Assumptions
- Hypotheses
- Validated learning
- Experiments
- Minimum viable product
- Customer development
- Pivots

#### LAND PROCUREMENT & CONTRACT OPTIONS

- Contract grow
- Subcontract
- Share option
- Lease/rent
- Crop share
- Assisted provision

#### AGRI-BUSINESS INCUBATOR VALUE-ADDED OPPORTUNITIES

- Drying
- Freezing
- Paste/sauce
- Tincture/lotion
- Essential oil
- Prepared salad
- Shampoo/soaps
- Canning
- Soup mixes
- Juicing
- Freeze dry
- Roasted seeds

#### Work exchanges for procuring land

- “Digging”
- Tree/veg. seedlings
- Tree/veg. seedlings & planting
- Guarding
- Irrigating
- Transport
- Mentoring

- Somoza/pizza
- Syrup/jelly/jam
- Filled mandazi
- Grinding-powdering
- Fruit/nut logs/bars
- Marinating
- Deep frying
- Heat Pasteurizing
- Cold/hot smoking
- Seedling production
- Seed production
- Coated seeds/nuts
### Resource Development Cards
- Community agreements
- Contractual Agreements
- Cropping techniques
- Local fertilizer application
- Orchard establishment
- Vegetable cropping
- Timber plantations
- Vocational skills training
- Traditional education
- Character development
- Apprenticeships
- Charity/volunteerism
- Extension/change agents

### Natural Resources
- Land
  - Swampy
  - Poorly drained
  - Well drained
- Water
  - Nile or river
  - Seasonal stream
  - Drainage channel

### Justice Resources
- Advocacy
- Accountability
- Good policies
- Equal opportunity

### Human Resources
- Youth
- Women
- Men

### Security Enhancement Card
(Time & $ allocation:)
- WASH Training
- Advocacy Training
- VSLA establishment
- Cooperative establishment
- Dog training
- Emergency drills
- Agriculture training
- Business training
- Crop protection training
- Fence establishment

### Risk Card
(Random draw)
- Drought
- Flood
- Malaria
- IC Violence
- Raiding
- Theft
- Alcoholism
- Early childhood marriage
- Wife abandonment
- Laziness
- Poor diet
- Domestic violence

### Infrastructure cards
(Time & $ allocation)
- Bore hole
- School
- Clinic/hospital
- Church
- Road

### Time to allocate:
Hours X # of people

#### Rainy season
- Community agreements
- Contractual Agreements
- Cropping techniques
- Local fertilizer application
- Orchard establishment
- Vegetable cropping
- Timber plantations
- Vocational skills training
- Traditional education
- Character development
- Apprenticeships
- Charity/volunteerism
- Extension/change agents

#### Dry season
- Bore hole
- School
- Clinic/hospital
- Church
- Road

### $ to allocate:
Community
- Youth
- Advocacy
- Accountability
- Good policies
- Equal opportunity

Family
- Women
- Men

### GAMIFICATION