



SHARING
EXPERIENCE

This information was provided
by www.jtssemences.com
www.lejardintropicalameliore.solidairesdumonde.org

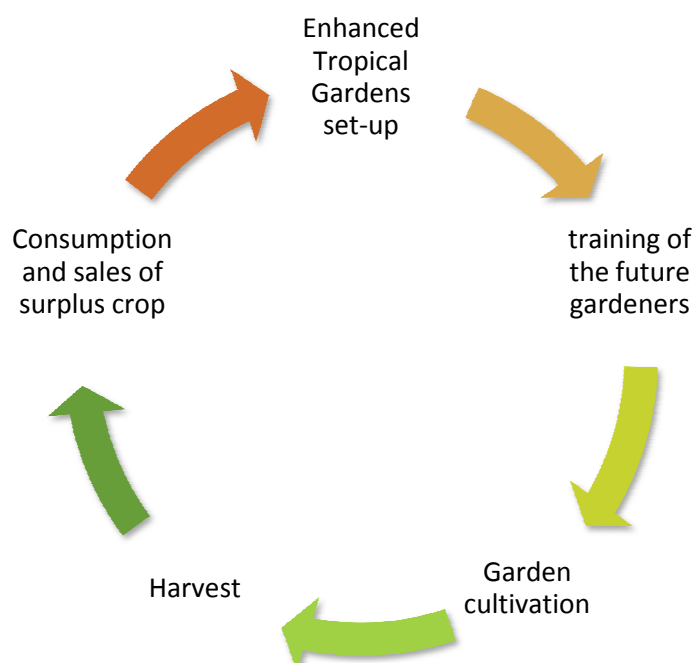
Setting up Community Market Gardens : the Enhanced Tropical Garden (ETG).

Objectives :

- **Fighting hunger and poverty**
- **Guaranteeing skills transfer (training of future gardeners)**
- **Promoting the inclusion of marginalized people into the global economic village**
- **Initiating a value chain (sales of surplus production)**
- **Reducing water usage and protect the environment**
- **Contributing to an increased agricultural production in tropical areas.**

Methodology :

A virtuous circle: from gardening to the development of a local economy.



Summary

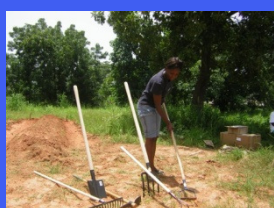
Agricultural techniques that feed the world and fit the human hand.

Integrating marginalized people into the global economic village.

Training and supervision



Solutions that fit the human hand



Activity Calendar: Establishment of Enhanced Tropical Garden Parks.

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7
Site identification and study	8 days						
Set-up of the ETGs		7 days					
Training of educators and counselors		7 days					
Training of the gardeners		2 days					
Garden monitoring			2 days	2 days	2 days	2 days	2 days
Follow up with the educators/counselors			1 day	1 day	1 day	1 day	1 day
Follow up with the gardeners			1 day	1 day	1 day	1 day	1 day
Total number of days/months	8 days	7 days	4 days	4 days	4 days	4 days	4 days

Task List

Task list	Frequency	Duration
Leveling	Once during set up	2 days
Digging	Once between in each crop	1 day
Raking	Once for each seedbed	1 hour
Hoeing	Once a week	2 hours
Watering	Once a day	1 hour
SemisSowing	Once a month	1 hour
Harvesting	Every other day	1 hour
Organic matter collection	Once a day	Half an hour

Results :

Comparative study	Traditional Garden : Surface soil work	ETG Deeper soil tillage
Cultivated area	100 m ²	60 m ²
Water usage	800 liters/day	200 liters/day
Work load	2 000 hours/year	700 hours/year
Yield	300 kg/year (3 kg/m ²)	750 kg/year (12 kg/m ²)
Number of crops	5/year	6/year

4 times less water usage

Work time reduced 3-fold

A 2.5-fold higher yield