



The Agua, Vida y Naturaleza Project 2012-2014

Phase 1 – start January 3, 2012 – closure December 31, 2012

- Training of 7 trainers to produce vegetables in a Groasis Climate Control House and to grow (fruit)trees/bushes in combination with vegetables. They will also be trained to grow high quality planting material (incl. grafting, inoculating, cutting and sowing -techniques)
- Building of appr. 900 m2 Groasis Climate Control House and 200 m2 shade house for the cultivation of vegetables. Building 100 m2 nursery of plant material of trees and bushes. 500 Waterboxxes will be used here.
- Planting of 1200 (fruit)trees/bushes in combination with vegetables around the Groasis Climate Control House on the experimental site.
- Planting of 300 waterboxxes with local vegetables/(fruit)trees/bushes around the homes of 150 families.
- During Phase 1 the 3 experiments will be guided by an experienced, modern working vegetable grower from the Netherlands.

Decision continuation of project to Phase 2: October 2012

Phase 2 – start January 1, 2013 – closure December 31, 2013

- Phase 2 is, amongst others, the continuation of the first project from Phase 1 and the foundation of 4 new education centers. The best student of the 7 trained persons of Phase 1 stays with the training center on the University experimental site and he/she will train again 6 others to become trainers. From the other 6 trained persons from Phase 1, four of them will each start another project.
- After Phase 1 we already know that the cultivation was successful. Phase 2 therefore will focus strongly on the organization of scaling up the projects. We will look at, amongst others, the organization-models, needed skills and possible gaps which might arise during the first year of training. The trained persons will carry out the next Phases independently.
- *Each of the 4 new projects will consist of:*
- Building of appr. 900 m2 Groasis Climate Control House and 200 m2 shade house for the cultivation of vegetables. Building 100 m2 nursery of plant material of trees and bushes. 500 Waterboxxes will be used here.
- Planting of 1200 (fruit)trees/bushes in combination with vegetables on land around the Groasis Climate Control House on the experimental site
- Planting of 300 waterboxxes with local vegetables/(fruit)trees/bushes around the homes of 150 families
- During Phase 1 the three experiments will be guided by an experienced, modern working vegetable grower from the Netherlands.
- Training of interested locals to produce vegetables in a Groasis Climate Control House and to grow (fruit) trees/bushes in combination with vegetables. They will also be trained to grow high quality planting material (incl. grafting, inoculating, cutting and sowing -techniques)
- On October 1st 2012 we will start serious negotiations with private banks in order to have the financing-model ready for Phase 3.
- During Phase 2, basically there will be no Dutch guidance. This in order to check if it is possible to scale up the projects trouble-free without guidance.
- The 4 training centers will be constructed at the 4 biggest outlet centers of the Cooperativa.



Decision continuation of project to Phase 3: October 2013

Phase 3 start – January 1, 2014 – closure June 30, 2014

- The 5 projects continue
- We focus on:
 - 1) Scaling up by means of self-financing through interested persons with our financial partner
 - 2) Scaling up of the training center if there is a demand for it.
- Publishing of a 'greenprint' for third parties which enables them to start their own projects.
- This Phase will be guided by a well/sufficient trained co-operator who is, e.g. capable to develop the 'greenprint' and the financial template.
- Connect financial institutions and include them in the model offering finance to students who have passed the exams successfully and have received the Groasis Technology Certificate.

Kind regards
Pieter Hoff
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