The Agua, Vida y Naturaleza Project 2012-2014


- 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 Waterboxes 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 waterboxes 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 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 Waterboxes 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 waterboxes 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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