



## Organic Coffee Project –

Technical cooperation in organic agriculture



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## Organic Coffee Project



- Mountainous region in Caranavi –BOLIVIA, 1200-1800 meters over the sea surface.
- Approximately 500 families with an average between 3-6 coffee hectares each one.
- They are organized together into 2 different small-scale farmers cooperatives (CELCCAR y ARPROCA).
- Arabic coffee variety.
- With some experience regarding the export of the conventional coffee.
- Administrative problems, such as mismanagement and irregularities in the use of credits.
- No experience in the organic production.



## Project objectives



- Motivate the producers in the system of organic production.
- Training the farmers in the techniques of the organic coffee production.
- Design and introduction of an internal control system (ICS).
- Participative writing of own standards for the production of organic coffee.
- Improve of the coffee quality to be exported.
- Marketing of the organic coffee.



## Internal standards



- IFOAM (Guidelines for coffee and tea)
- Regulation (CEE) No. 2092/91
- Own equivalent standards and adapted to the coffee production.



## Technical problems in the coffee production



- High incidence of plagues and coffee diseases.
- Soil erosion (degradation).
- Lack of technical “know how”.
- During the raining season, ways in bad conditions.
- Lack of coordination in the reception and transport.



**Costs** 

**of the organic coffee production**

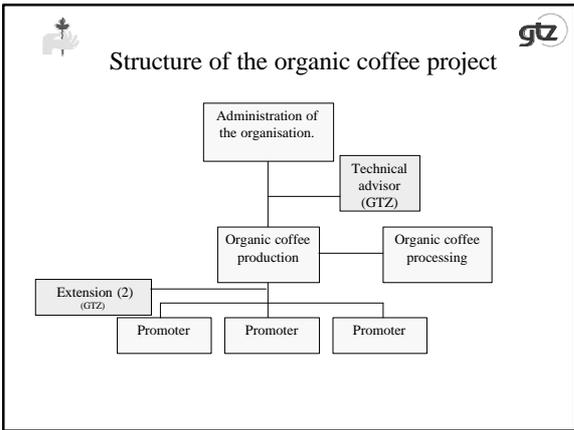
- Extension in the organic coffee production
- Internal control within the organization.
- External inspection.
- Costs of the conversion.



**Extension Programm** 

Main topics:

- Ecological agriculture and ecology in general.
- Coffee nurseries.
- Pruning.
- Organic fertilizers.
- Soil conservation.
- Organic pest management.
- Post-harvest operations.



**Yearly production plan** 

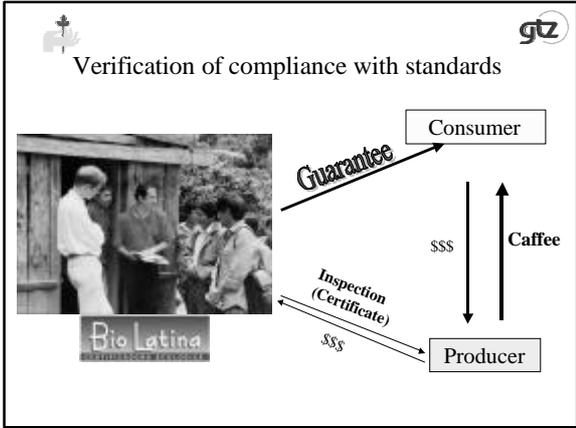
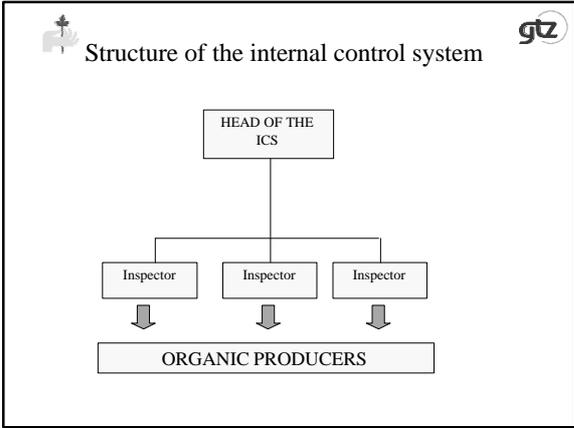
Producer's name:..... Year:.....

ACTIVITIES	J	F	M	A	M	J	J	A	S	O	N	D
Seeds selection												
Construction of nurseries												
Elaboration of Compost												
Biological control												
Regulation of the shadow												
Harvest												
Raising of earthworms												
etc., etc.....												

**Internal control system (ICS)** 

Activities:

- Risk oriented regular inspections.
- Coordination with the Quality Control System.
- Register and put in practice sanctions.
- Evaluation of ICS-s results for further technical advice by promoters not working as internal inspectors.



[www.gtz.de/organic-agriculture](http://www.gtz.de/organic-agriculture)

Thank you