

# Quality Assurance Food Safety and Traceability in Honey Supply Chain



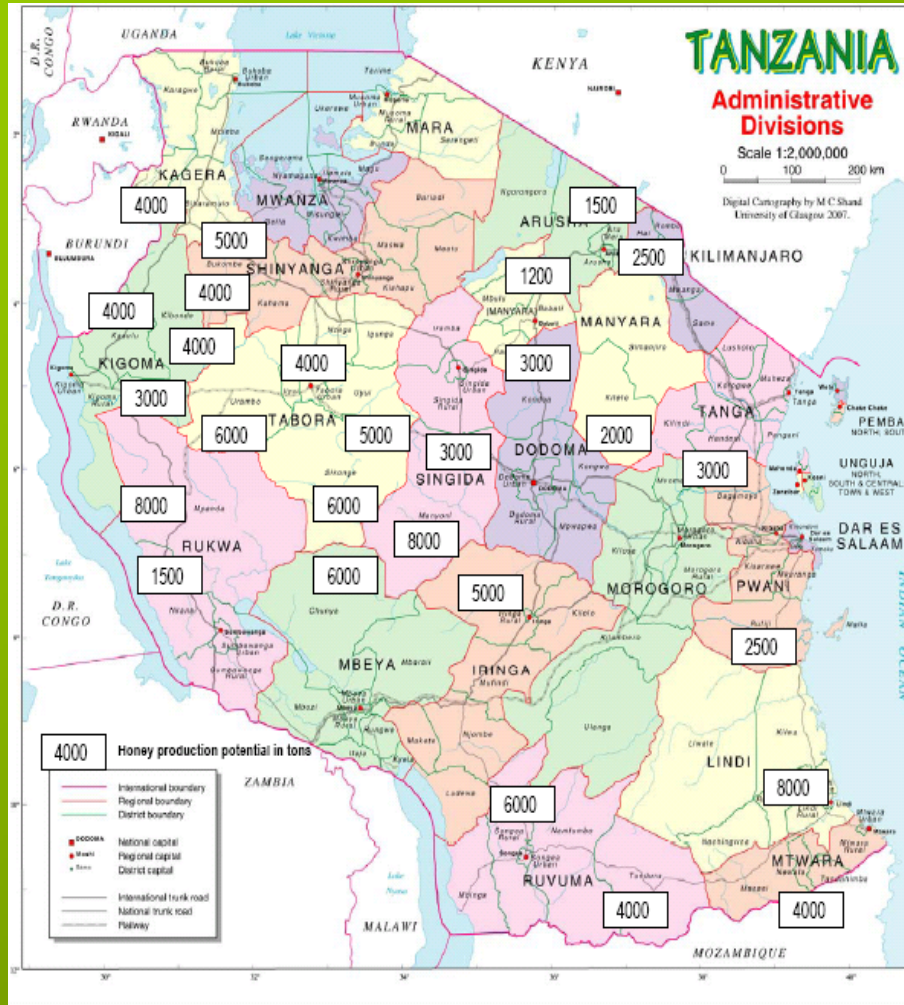
*From Bee-to- Bottle*

Western and Central Tanzania  
Presented at UNIDO Conference by;  
Silas W. Ng'habi  
Food Safety & Market Access  
Consultant



# Potential of Honey Production in Tanzania

- Calls for Investment, Tech & Finance.

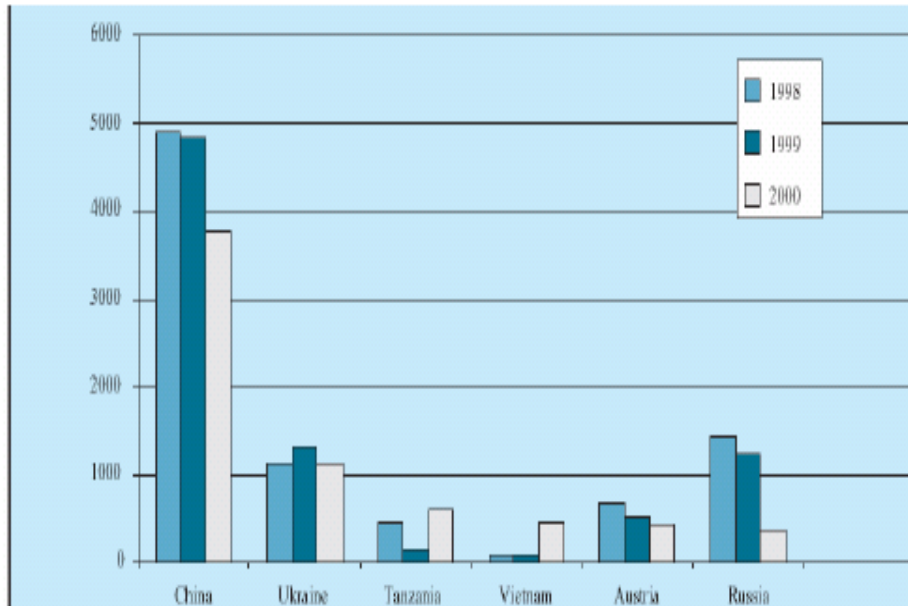


Tanzania map showing Honey Production Potential (Tones)

*'The recent findings indicate that there is un-utilized potential for 138,000 tones while the actual production is between 9,200 tones (NBP 1998 and Mwakatobe, 2006). This is hardly 7.2% of the potential honey production utilization.'*

# Honey and Bee-Products

Figure 4: Leading suppliers of crude beeswax and other insect waxes to the EU, 1998 – 2000 (US\$ 1,000)



Source: Eurostat 2000

## Export of Bee Products

*'The recent findings indicate that there is unutilized potential for 138,000 tones while the actual production is between 9,200 tones and 324 tones of beeswax per year'*

### Opportunities are:

- ✳ Bee products are certified to enter EU Markets.
- ✳ Southern Markets are available (South Africa, Zimbabwe, Botswana and Mauritius).



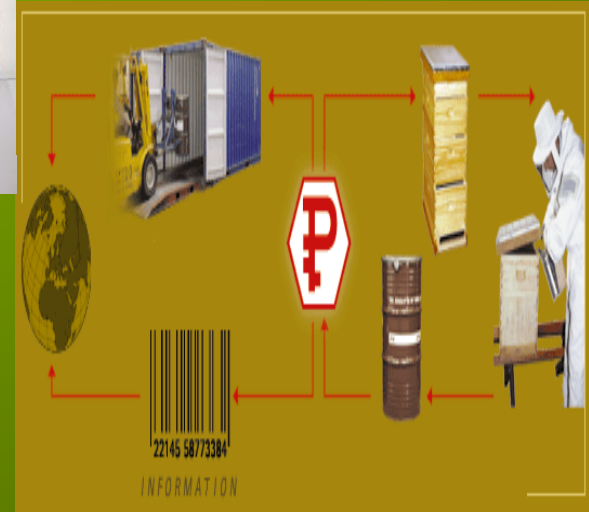
# Resources needed to scale-up QA, Safety & Traceability Works.



( - 2- )



*QA and Safety From Bee-to- Bottle  
Enhances Market Access & Export.*



# Traceability in Local Contents - is Possible

Mfano: Muundo wa Loti Namba (Bar Code)

## Asali (Honey)



Aina ya Bidhaa

Mali Ghafi Halisi

M/Ghafi (Radha –Nyongeza)

Lot 10 03 04 0 008

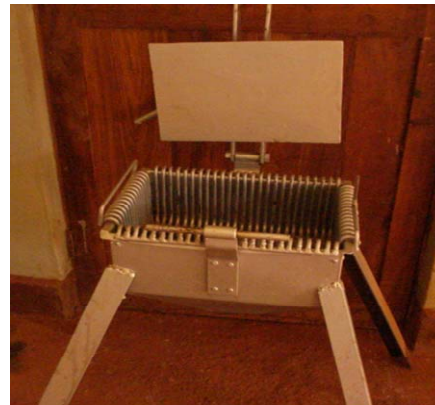
ID-Namba Utambuzi

Mwaka 2000



1003040008

# Honey Processing and Packing – Need a Investment and GHPs & GMPs



STAKABADHI YA MAZAO  
USHIRIKA KIBONDO LTD. LIMI  
P. O. BOX 175, SIMU 61 - KIBONDO

No. 2121

TAREHE: \_\_\_\_\_

BARAAJA: \_\_\_\_\_

| WAZOZI - JINA | Wazi ya Kilo auwa au Ndoto | Jumla - 2000 | Makato ya Dawa | Makato ya Haki |
|---------------|----------------------------|--------------|----------------|----------------|
|               |                            |              |                |                |

Maji: \_\_\_\_\_

Kubwa ya Mipigaji \_\_\_\_\_

UWAZI: Makato ya Mwanawazi - Mipigaji/Mipigaji Makato ya FDU Mwanawazi Makato ya Mipigaji

Makato ya Taku kubwa Kibondu \_\_\_\_\_

# QA, Food Safety and traceability of Honey and Bee Products is possible....

- With stakeholders involvement – training
- Public-Private partnership
- Technology, investment and finances are crucial
- The Bee-Keepers Associations will lead to Equity Building – Honey Banks
- Matching Grant has Been a Good Model of Financing
- Commercial Banks are inspired
- International NGOs – Can finance the Social Business
- An Agro-Expo Company can Bridge Market Access.

# Challenges Solution and Opportunities

| Problem  | Solution   | Challenges still /  | Opportunities   |
|--|--|---|---|
| <ul style="list-style-type: none"> <li>Residue monitoring system in March 30, 2002</li> </ul>  | <ul style="list-style-type: none"> <li>Traceability Company was formed in 2006</li> </ul>  | <ul style="list-style-type: none"> <li>Traceability centre</li> <li>Cold-chain management</li> </ul>  | <ul style="list-style-type: none"> <li>The International Community Involvement</li> </ul>   |
| <ul style="list-style-type: none"> <li>Inappropriate knowledge and stakeholders participation</li> </ul>                                 | <ul style="list-style-type: none"> <li>A model for public private partnership</li> <li>The Honey Supply Chain responsibilities redefined</li> </ul>                                | <ul style="list-style-type: none"> <li>Stakeholders' technical capacity building</li> <li>The GMPs need a bridge of technology; ERP</li> </ul>          | <ul style="list-style-type: none"> <li>TA</li> </ul>  |
| <ul style="list-style-type: none"> <li>Lack of Traceability surveillance and quality, safety (E.g. The EU Export ban in 2001)</li> </ul> | <ul style="list-style-type: none"> <li>A Chemical Residue monitoring - MNRT</li> <li>Traceability Co. Ltd. of Agro-food &amp; Value Addition Training</li> </ul>                   | <ul style="list-style-type: none"> <li>Cold Chain Equipments</li> <li>Transportation Equipments</li> <li>Traceability implementation systems</li> </ul> | <ul style="list-style-type: none"> <li>Technology investment</li> <li>Organic Certification &amp; Intervention from Intl. community.</li> </ul> |
| <ul style="list-style-type: none"> <li>Problems Related to Processing Process</li> </ul>   | <ul style="list-style-type: none"> <li>Training in Local Contents: posters, brochures</li> <li>PPP – Private, Govt and Community</li> <li>Donor – DANIDA Matching Grant</li> </ul> | <ul style="list-style-type: none"> <li>Investment and Capital</li> </ul>  | <ul style="list-style-type: none"> <li>Potential of the Sector</li> <li>Commercial Banks are Attracted to Intervene</li> </ul>                  |
| <ul style="list-style-type: none"> <li>Market Access Problem</li> </ul>  | <ul style="list-style-type: none"> <li>Initial Focus to Local market –local super markets</li> </ul>   | <ul style="list-style-type: none"> <li>The Software for standardization are still expensive</li> </ul>  | <ul style="list-style-type: none"> <li>Business opportunity – joint venture</li> <li>The Social Business Aspect</li> </ul>                      |

**>>>>>>IT IS POSSIBLE>>>>>**

**&**

**Thanks For Listening.**