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Quality Focused Apisector Development in Ethiopia



**Presentation at the
6th Apimedica & 5th Apiquality
International Symposium**

Rome, Italy ; 22 - 25 November 2016

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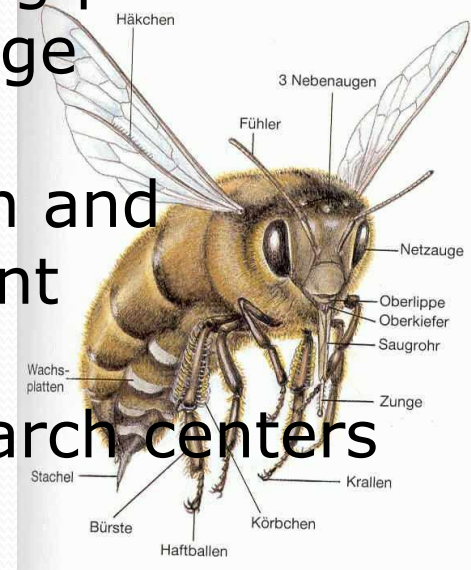
Ethiopia

- ❑ Ancient East African country
- ❑ Total area of approximately 1.1 million sq km
- ❑ Estimated population of 100,000,000
- ❑ High proportion of labor force
- ❑ Diverse agro-ecology



Ethiopia is an 'Api – Country'

- Over 10 million honeybee colonies
- Over 1.8 million apiculturalists
- Over 7,000 species of flowering plants many could serve for bee forage
- Policies in favour of bee health and beekeeping sector development
- Growing number for bee research centers





Honey Win - 'Tej'





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Bottlenecks

- Traditional management system
- Very low productivity & limited supply
- Quality issues, including adulteration
- Finance – lack of access for credit
- Constrained input supply chain & quality issues
- Smallholder level production
- Low awareness on role & potential

TRADITIONAL SYSTEMS













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Develop't Efforts Underway



- ❖ Creating favourable policy ground
- ❖ Research centers & activities expansion
- ❖ Regional, National & Continental MSPs for dialogues and sector advocacy
- ❖ Sector associations for support (EAB, ESAS, EHBPEA)
- ❖ Sector promotion & marketing for positive actions
- ❖ Api-Directory of Ethiopia to facilitate linkages
- ❖ Api-News for information and knowledge sharing
- ❖ Organization of Api-expos and Conferences



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Develop't Efforts Ctnd



- ❖ ASPIRE project in 4 potential regions
- The project tries to address:
 - knowledge & skill gap of 30,000 smallholder bkrs
 - Business development service provision problems
 - Credit finance shortage/gap in financial institutions
 - Gaps in business linkage (producer – processor)
 - Quality issues – for inputs & hive products
 - Input production & supply chain problems
 - Gaps in international market linkages

Training on Modern Beekeeping















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Ethiopia	Apiculture	Jima	Gera
Kenya	Apiculture	Jima	Gera
Malawi	Apiculture	Jima	Gera
Mali	Apiculture	Jima	Gera
Mozambique	Apiculture	Jima	Gera
Nigeria	Apiculture	Jima	Gera
Rwanda	Apiculture	Jima	Gera
Tanzania	Apiculture	Jima	Gera
Uganda	Apiculture	Jima	Gera
Zambia	Apiculture	Jima	Gera

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Bee Keeping In Ilu Aba bora



Yaya wele Gense
Forest



Traditional beehive in the Abba
Bora area (Baka Arba)



Improved Beehives hander shed in
Huma District



Innovative Farmer At Bacha
(Ato Mohammed Fish)



Some of the Donor
Honey in Ilu Aba



Black Honey From Strychnos
guineense (Baddessa)



Black Honey from strychnos
guineense (Galama)



The Oromia Regional State

Ilu Abba Bora-Organic Honey land!

* Number of district/Woredas.....	24
• Rural.....	22
• Urban.....	2
* Human Population.....	1,535,482
• Rural.....	1,365,952(88.6%)
• Urban.....	169,530(11.45%)
* Total land size in hek.....	1,633,157
• Land to be utilized for agriculture.....	600,373
• Irrigation coverage.....	500,300 hek

• Altitude.....	500-2575 a.s.l.
• Temperature.....	18 CO -24CO
• Humidity.....	10%
• High land.....	67%
• Low land.....	23%
• Population.....	1,317,247

• Cattle.....	773,320
• Sheep.....	183,151
• Goats.....	747,405
• Livestock.....	900,000-1,million
• Production activities.....	1,306,477
• Additional beehives.....	44,760
• Total beehives.....	12,795

• Potential of the zone.....	25,000 MT
• Actual production.....	14,000





Develop't Efforts Cntd

- ❖ Fostership program – graduate girls
 - The program tends to work with universities
 - Intended to inject professionalism
 - Hopped help to create models for rural women
 - Also could help to enhance employment generation
 - Result of collaboration b/n GIZ, GBA & BKR_s4BKR_s
- ❖ Studies on characterization of honeys from diff^t sources
- ❖
- ❖ Strengthening government extension service
- ❖ Increased private sector engagement - incentives
- ❖ Technical assistance for dev't partners' interventions









Efforts for Quality Improvement

- Policies and guidelines in place – Proc nr -660/2009
- Guideline 372/2016
- Harmonized national honey & beeswax standards
- Institutional development for quality control –
 - ✓ ESA, FMHACA, CAE (lab),
- GMP in place – HCCP, ISO ... etc
- Annual RMP for EU mandated office
- Organic certification
- Fair Trade
- Training of Producers – harvesting & post harvest mgt



Efforts for Quality ... Ctnd

- ➡ Api-Ethiopia expo for experience sharing
- ➡ Task Forces - to deal with quality issues
- ➡ ASPIRE laboratory development for accreditation
- ➡ GIZ NQI project – proficiency testing
- ➡ AU-IBAR bee health satellite lab for Eastern Africa
- ➡ Quality manuals for producers – local language
- ➡ Sample GMP manual for reference purpose
- ➡ Exposure visits (learning visits)
- ➡ New proclamation & guideline on marketing process in progress









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Achievements



- Awareness on the sector potential & role improved
- EU Third Country Listing maintained
- First ever export to UK (EU) in 2008
- Demanding countries increased – Europe, Asia ..
- Export increased from 30 - 900 MT
- Quality improvement in progress
- Sector issues and opportunities discussed by the MSPs, directives for solutions devised



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Achievements



- Capacity of sector actors improving
- Improvement in apiary management
- Quality concept improving
- Private sector engagement increased
- Increased women and youth engagement
- Capacity of laboratories improving
- Concern & engagement of govern't & development partners improved

'Chefeka' – transitional beehives















ETHIOPIAN APICULTURE BOARD

API - BUSINESS DIRECTORY OF ETHIOPIA



THE 6th NATIONAL MONITORING PLAN FOR RESIDUES HONEY FROM ETHIOPIA

PROCEEDINGS OF ETHIOPIAN BEEKEEPERS ASSOCIATION (EBA)



ETHIOPIAN APICULTURE BOARD

26th HONEY VAL MULTI STAKEHOLDER PLAN

11th Dec
Addis Ababa
G

ETHIOPIAN

BEE FORAGES ETHIOPIA



"The source of honey and beeswax but the source of... therefore we should care of them seriously... for our existence"
Albert Einstein

Found

Enclude

giz





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Issues



- Productivity
- Credit service
- Quality issues
- Producer's bottom - top structure
 - Scattered production
 - infrastructure
 - Mindset



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However:

- **Excellent policy and investment support**
 - **Many private actors**
 - **Great interest in the sector**
 - **Engagement of women & youth**
- **A lot of room for intervention (only 10%)**
- **Hence, very optimistic of rapid changes**
 - **A bright future!**



Syzygium guineense
(Walleensu) honey)



Croton macrosachus
(Bakkaniisa) honey



Vernonia (Eebicha)
honey



Becuim glandiflorum
Tebeb) honey



Schefflera abyssinica
(Geteme) honey





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Join Us as: Researcher, Develop't or Market Actor

- **Thank you for your attention.**
- **Questions are welcome.**
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