

**ROUND  
TABLE**

## **Coffee Leaf Rust (CLF) & Central America**

# Coffee, a socioeconomic engine...



- Most important activity for rural development in each country.



- All together, counts for 1,1M ha. with coffee.
- 16M bags (46 kilos)
- 395K producers + 2M people depending directly or indirectly.





# Let's Brief...

- In crop 12-13, 20% of the production... lost!
- Aprox. 500K people affected
- US\$ 519M - 3,2M bags (46 kilo)
- Coffee Rust first punch..is not so hard as the second (if not controlled properly)...

DOMINICAN REPUBLIC

JAMAICA



HONDURAS

NICARAGUA

GUATEMALA

EL SALVADOR

COSTA RICA

PANAMA



**1,1 MILLION Ha**  
**562K Ha,**  
**52% Affected**

	AFFECTATION %	TOTAL Ha.
DOM. REPUBLIC	80	131.250
EL SALVADOR	74	152.187
COSTA RICA	64	94.000
GUATEMALA	59	276.000
NICARAGUA	37	125.874
JAMAICA	28	3.013
HONDURAS	25	280.000
PANAMA	24	20.097

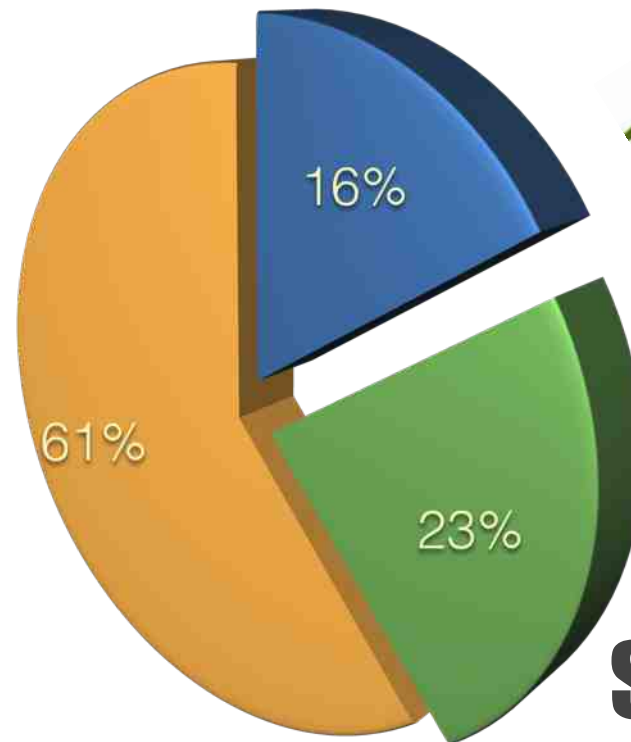
# Add to the situation...

## Genotype

80%

of the varieties cropped are vulnerable to CLR

## Age



- LESS 10 years
- 10-20 years
- MORE 20 years

## Striking

- Phenotype
- Physiology
- Plant vulnerability
- and of course Yield!!!





# PRICE PARADOX

How to reach, at least, the breakeven?  
How to make producers believe?

## Coffee

NOV 06 2013 09:45 AM

O:105.60 H:106.20 L:102.35 C:102.65

-2.90 (2.75%)

WEEKLY



102.65





# **NATIONAL AND REGIONAL EMERGENCY declared!**

*Biggest impact since Coffee Leaf Rust appear  
in Central America back in 1976.*

# Building capacity...



# PROMECAFE



IICA

CODOCAFE, Dom. Republic

ANACAFE, Guatemala

IHCAFE, Honduras

PROCAFE, El Salvador

CIRAD, Francia

ICAFE, Costa Rica

CIB, Jamaica

CATIE, Costa Rica  
MIDA, Panamá



# Dealing with CLR...

Fighting coffee leaf rust and recovery of the productive capacity in Central America, Integrated Program

## IMMEDIATE ACTIONS PLAN, 2013

**Commitment: Presidents, CA Agricultural Council  
Agreed and endorsed by cooperating agencies  
Approved by Countries Coffee Boards  
Coordination by PROMECAFE, SECAC**



# PLAN COMPONENTS

**INTEGRATED MANAGEMENT OF  
RUST**



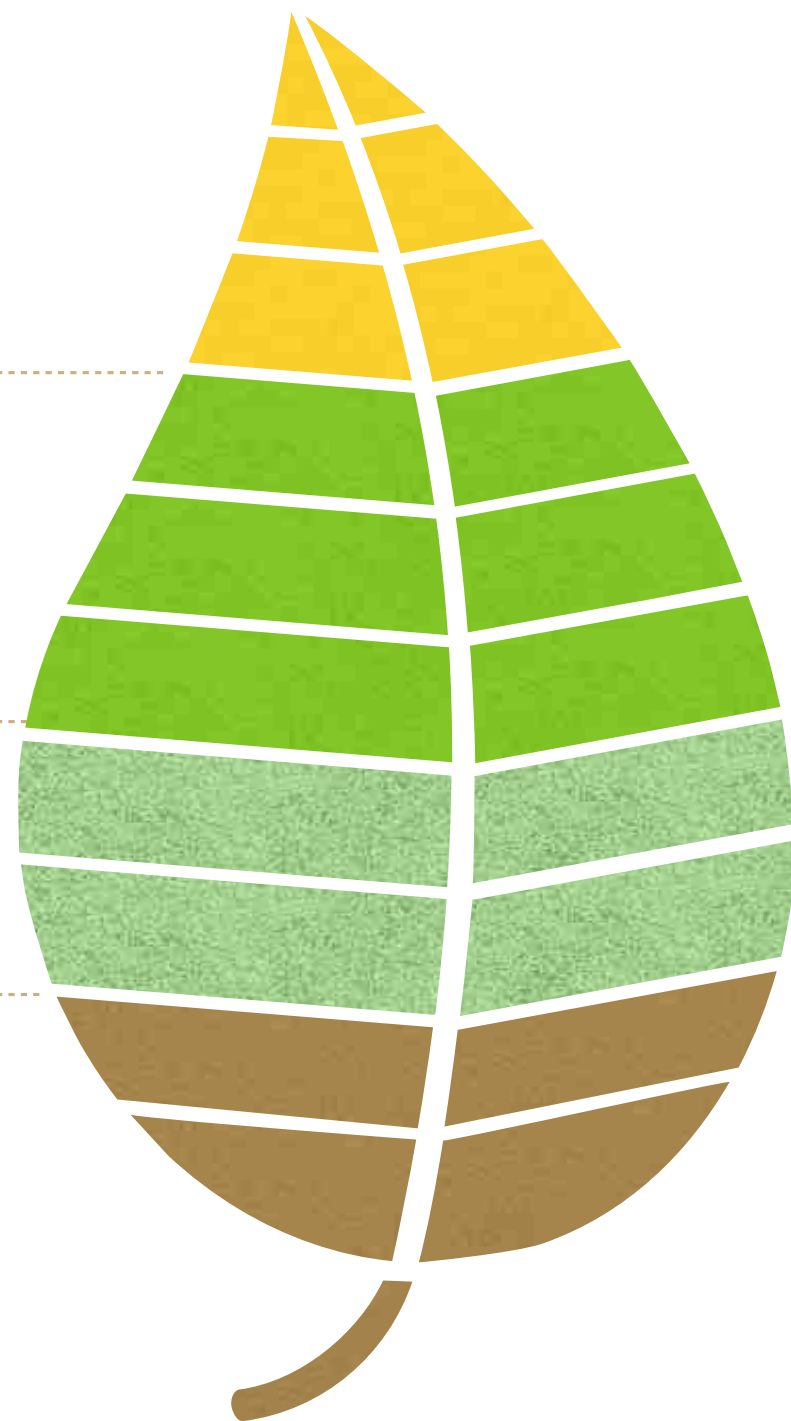
**GENETIC IMPROVEMENT**



**DEVELOPMENT OF INSTITUTIONAL  
CAPACITIES**



**ATTENTION TO VULNERABLE  
POPULATION**



# Immediate Actions

- Coffee Rust Integrated Management
- Technical and Training Assistance
- Phytosanitary Campaign (Plant health)
- Communication / Outreach
- Early Alert and Monitoring
- Genetic Improvement (long term results, better quality, higher yield)
- Vulnerable population
- Institutional strengthening
- Coffee farming Renovation
- **FUNDING**



# July, 2013

Coffee Rust under control,  
with acceptable levels

# Still!

## to much to do...

- **Current harvest: eminently marked by CLR damages**
- **Coffee berry borer**
- **Inoculum of CLF sets pressure on farms**
- **Prices fell and keep on falling!**
- **Producers lack of economic resources**
- **Damages jeopardise sustainability and trigger vulnerability and producer livelihoods.**
- **Regional Strategies well defined**
- **2014...the year of recovering ??**
- **More strategic alliances, and Private Sector involvement**

# Working on....

Regional Action Frame, requires technical and funding cooperations

- Varietal multi local essay. **WCR coffee institutions**
- *Global development to coffee Rust crisis;*
- *Genetic Improvement.* **PROMECAFE-IICA-WCR-CIRAD-CATIE**
- Increase Arabica resistance. **CIRAD.**
- Institutional strengthening *for the coffee chain competitiveness.* **IICA-PROMECAFE. Proposal to USAID**
- *Training:* **CATIE-CIRAD-PROMECAFE-NORWAY**
- *Diagnostic of coffee rust productive and social economic impact.* **FAO-PMA**
- Environmental factors and its relation to coffee. **CIRAD-PROMECAFE.**
- *Coffee rust breeds research.* **CIFC, PROMECAFE.**
- *Funding for Renovation:* **BCIE, BID, IFC, Private Sector.**





**Forecast,  
Crop 13-14**

**1,6M LESS**