Creating & Enabling Environment for Higher Productivity in Coffee: The case of Colombia

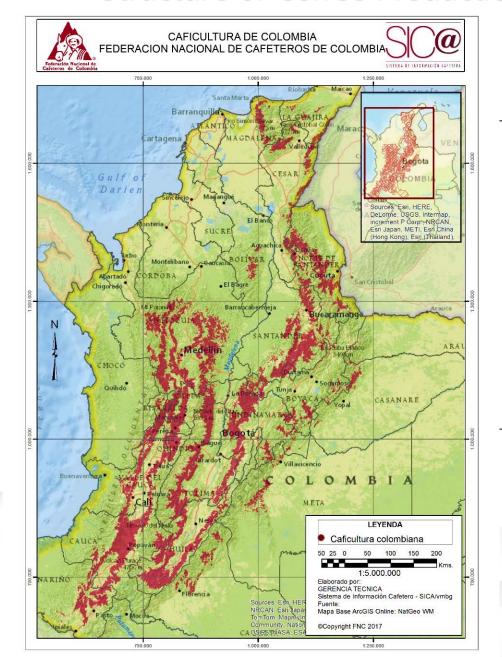




Structure of Coffee Production in Colombia







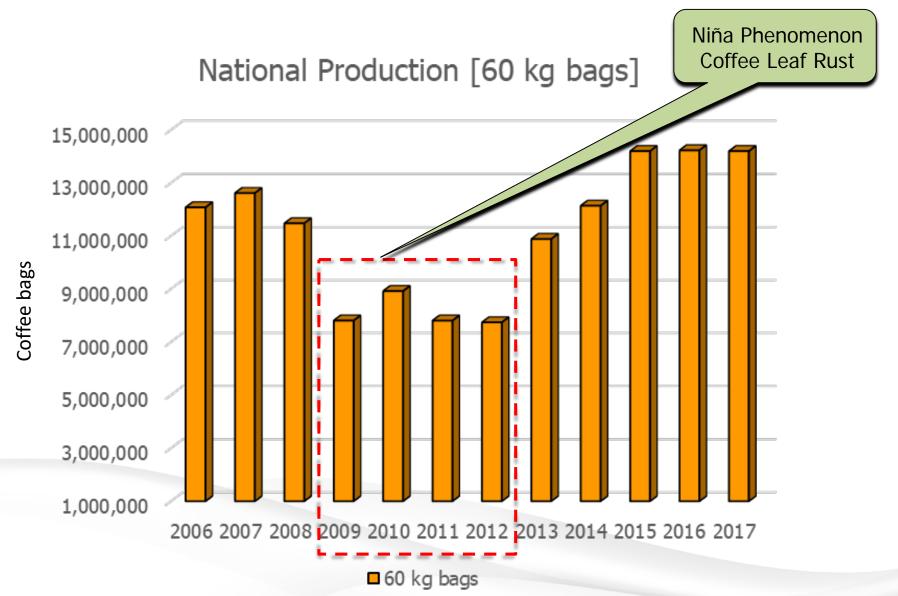
Coffee Farms
Coffee Municipalities 598
Coffee Growers 541.198
Coffee Plots
Total área cultivated914.261 ha

1.37 ha in coffee/farm

National Coffee Production 2006 - 2017

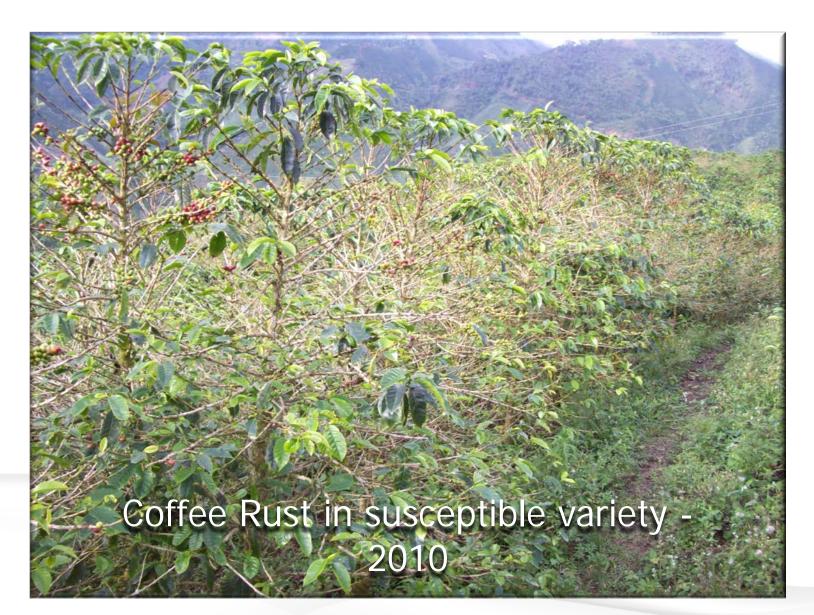








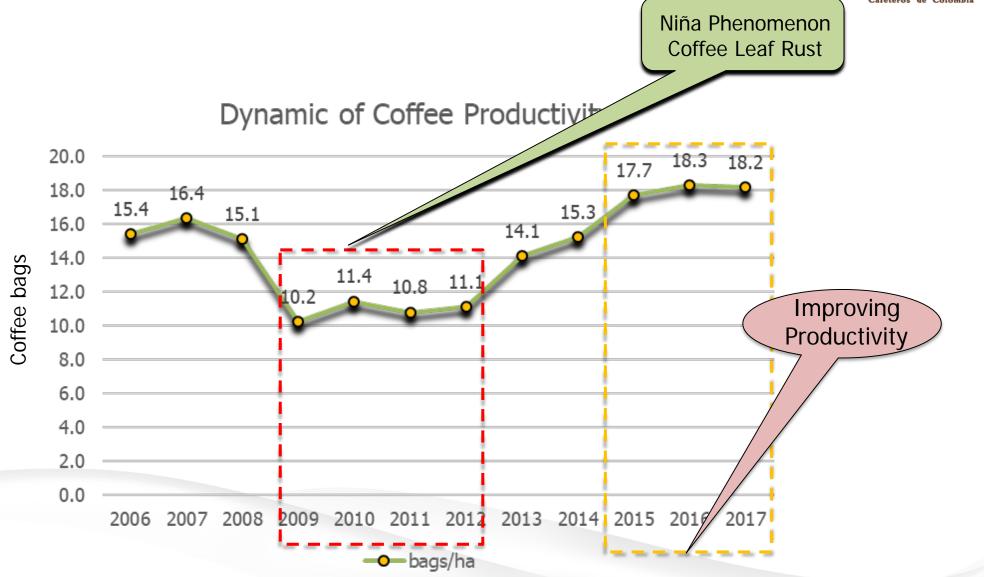




National Coffee Productivity 2006 - 2017







Coffee Quality 2006 - 2017





During the last years have not been quality coffee problems, as a general situation.

In the first semester of 2016, specifically, there was a strong Niño phenomenon that affected some coffee areas. The main damage was reflected in the development of the

berries.

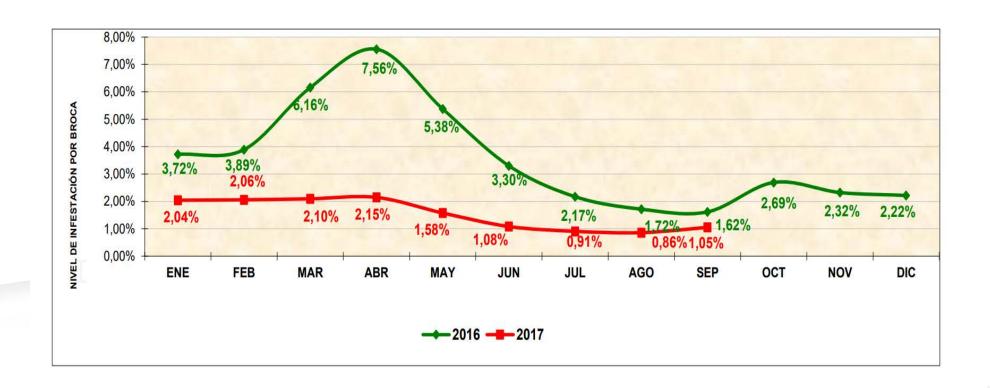


Coffee Quality 2006 - 2017





Coffee Berry Borer, that has been a problem for years, in this one the levels of infestation are very low, up to now.

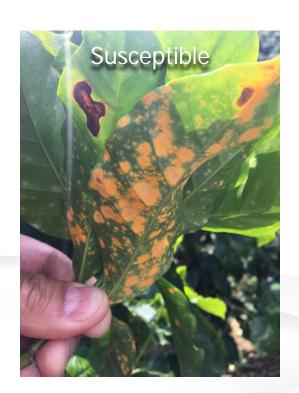


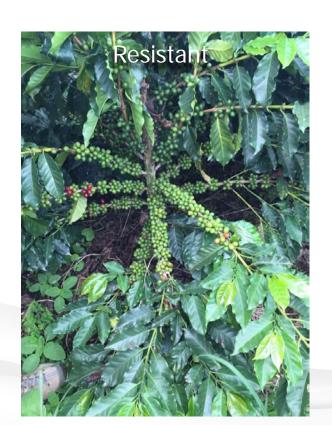




There are several reasons that have pushed up coffee productivity:

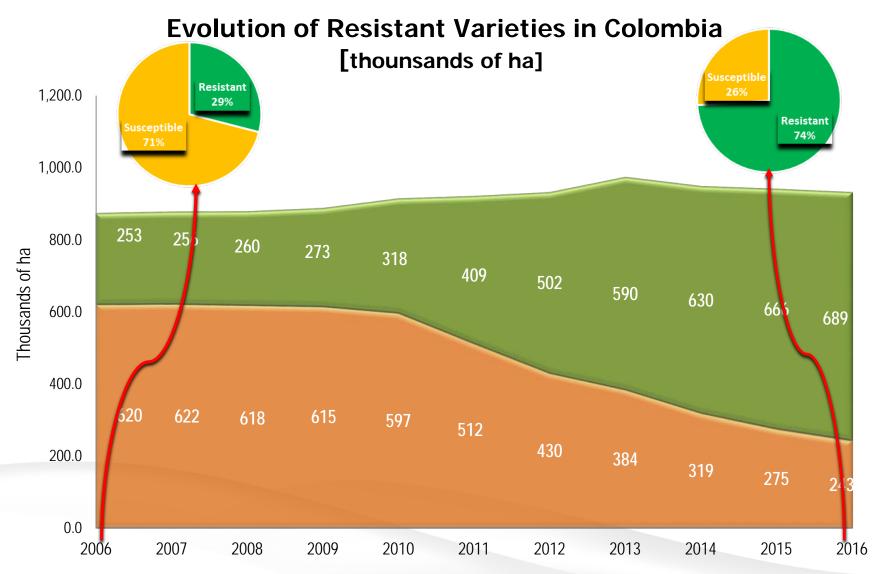
1. Promotion and Adoption of Resistant Varieties.









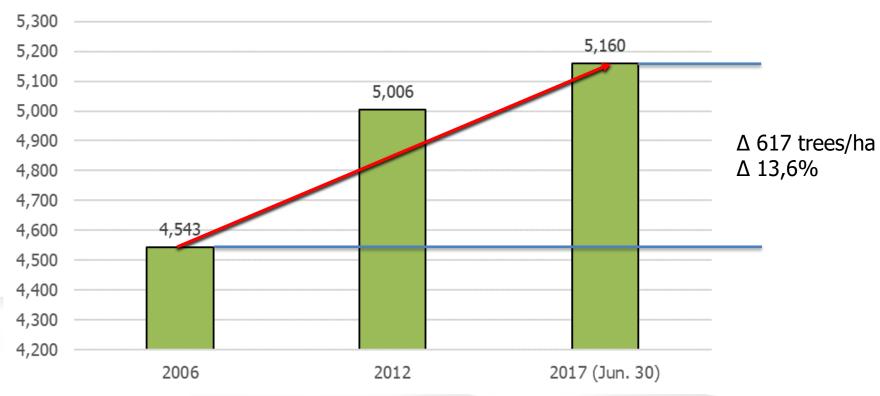






2. Increasing the density of population of coffee trees/ha.



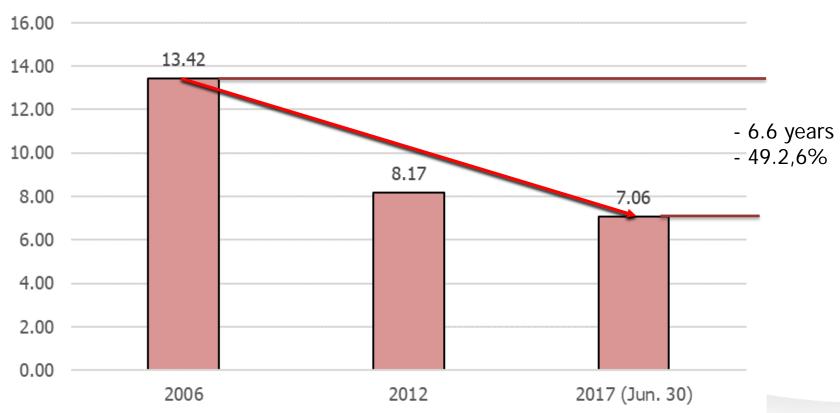






3. Decreasing the average age of the coffee plantations.









4. Soil management.

Since 2016 a Extension Campaign started in order to promote two things:

- a. Higher doses of fertilizer and,
- b. To correct the PH of the soil.

There is a hope that this campaign will have positive effects un future.

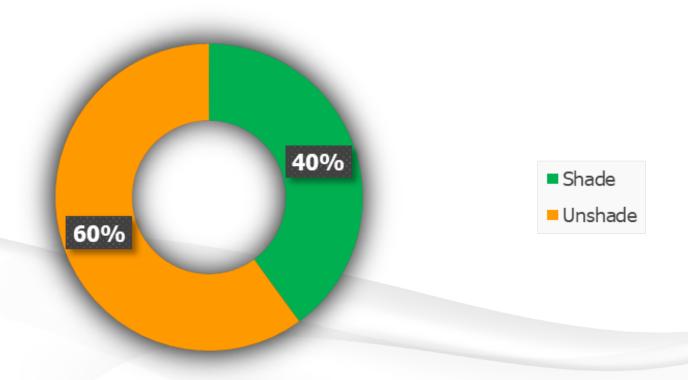




5. Shade conditions

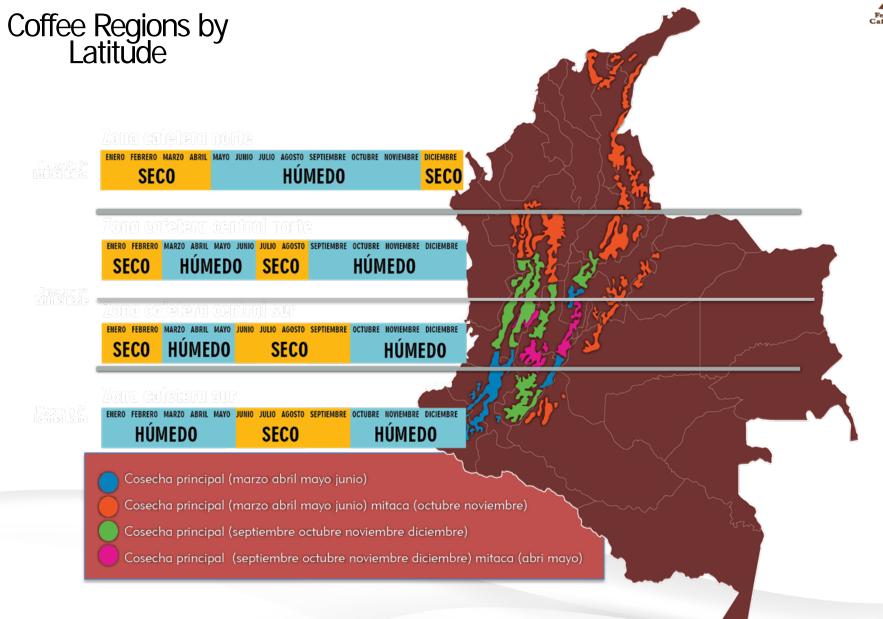
Cenicafe is looking for wider knowledge in agroforestry systems.

Shade Conditions



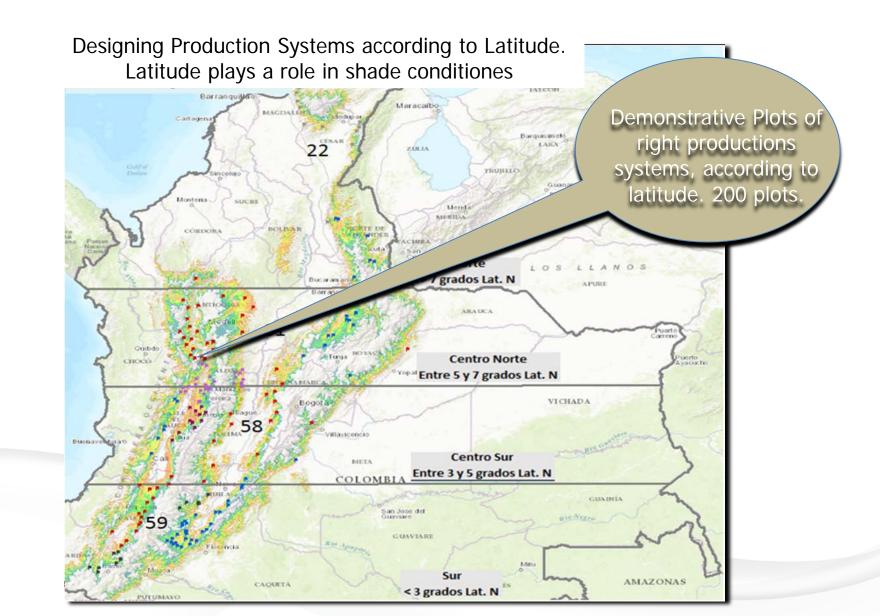










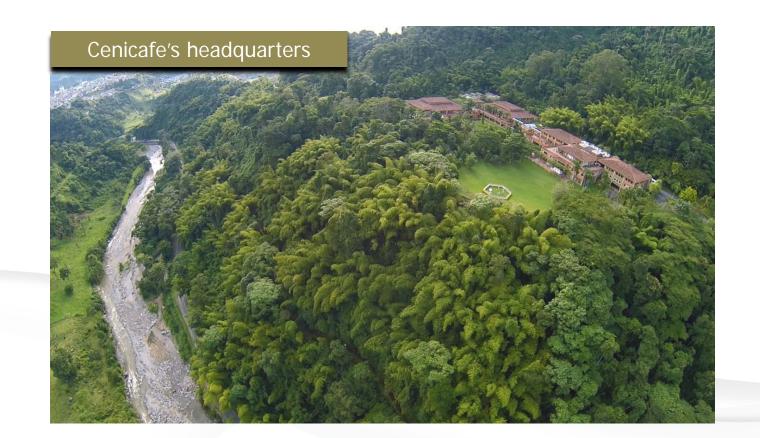






6. Research

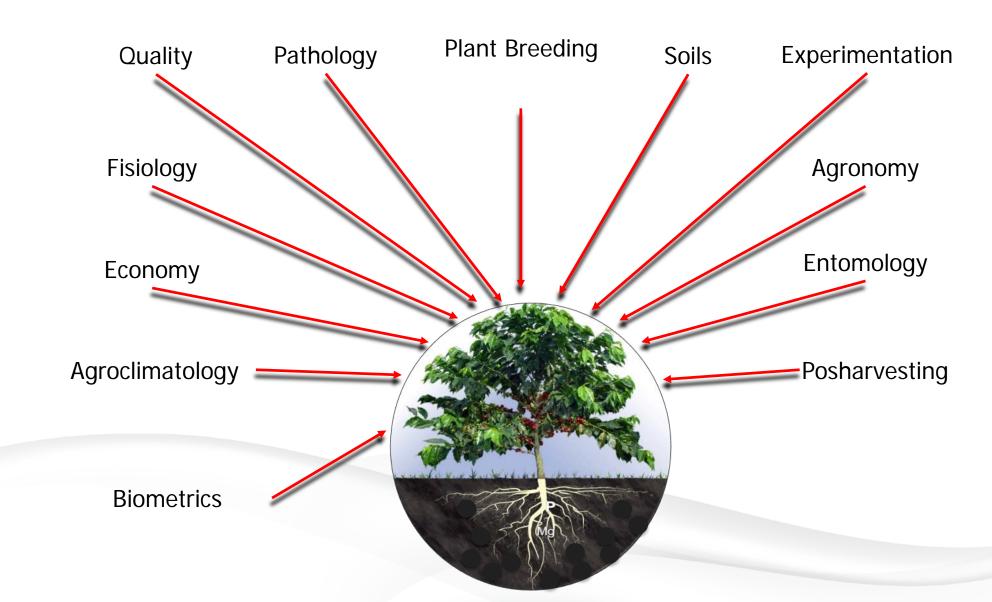
Cenicafé is the National Center of Coffee Research. Next year will get 80 years working for coffee. The results of its research is transferred to the coffee growers through the extension service.







Research by Disciplines







There are technologies to support different production systems.







One of the main focus of Cenicafé is generate technologies that improve coffee productivity. In this way is looking for new coffee varieties and new perspectives about coffee production systems.







7. Postharvesting management

One of the Cenicafe's focus is on saving water in postharvesting and to manage properly the water pollution used in the process.

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All of them save more than 95% of water used, compared to traditional method





8. Our Extension Service

The FNC, has a Extension Service working beside the coffee growers.

At now, there are 960 extensionists [mainly agronomists], delivering the technology generated by Cenicafé with the goal of increase productivity and making coffee sustainable.







9. Credit

Since 2008 up to 2016, there was a Credit Scheme to promote the planting of new coffee and resistant varieties.

The FNC, worked togheter with the main public bank and some private ones.

This program reached:

- a. 233.000 credits
- b. 200.000 ha.





Remarks:

- 1. This is a general description about how Colombia and the FNC are working in order to reach higher productivities, than previous one.
- 2. A key goal is to support Economic Sustainability, as a first step to look for making coffee profitable.





Thanks