



The Future of Tropical Rain Forests (IDS 2935)

1-1: Introductions

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Part 1 (5 min)

What words / phrases / images come to mind when you hear:

**TROPICAL
RAIN
FOREST**

(write down 5-10)

Part 2 (10 min)

After introducing yourselves (name, major, & year are a good start) try to answer these questions *without your phones or computers*:



1. What is the main ingredient in chocolate?
2. What countries are the primary producers of this ingredient?

Answers:

1. What is the main ingredient in chocolate?

Cacao (*Theobroma cacao*)



Answers:

2. What countries are the primary producers of this ingredient?



Answers:

2. What countries are the primary producers of this ingredient?



Côte d'Ivoire: #1 Export
(40% of export income, 4.95 B)

Ghana: #3 Export
(16% of export income, 2.71B)

~90% of cacao grown worldwide is on small family farms.



Credit: ©2017CIAT/Neil Palmer



Trees felled for a cocoa plantation inside the Scio Forest Reserve in western Ivory Coast. MIGHTY EARTH

The Real Price of a Chocolate Bar: West Africa's Rainforests

Rain Forest Cleared
2002-2019: Ivory Coast:
25%, Ghana: 8%

Climate Change will
greatly reduce area
suitable for Cacao farming

Estimated that
demand for chocolate
will DOUBLE by 2050.



Yangambi Engagement Landscape, DRC.
Photo by Axel Fassio/CIFOR