

# Climate smart cocoa value chains



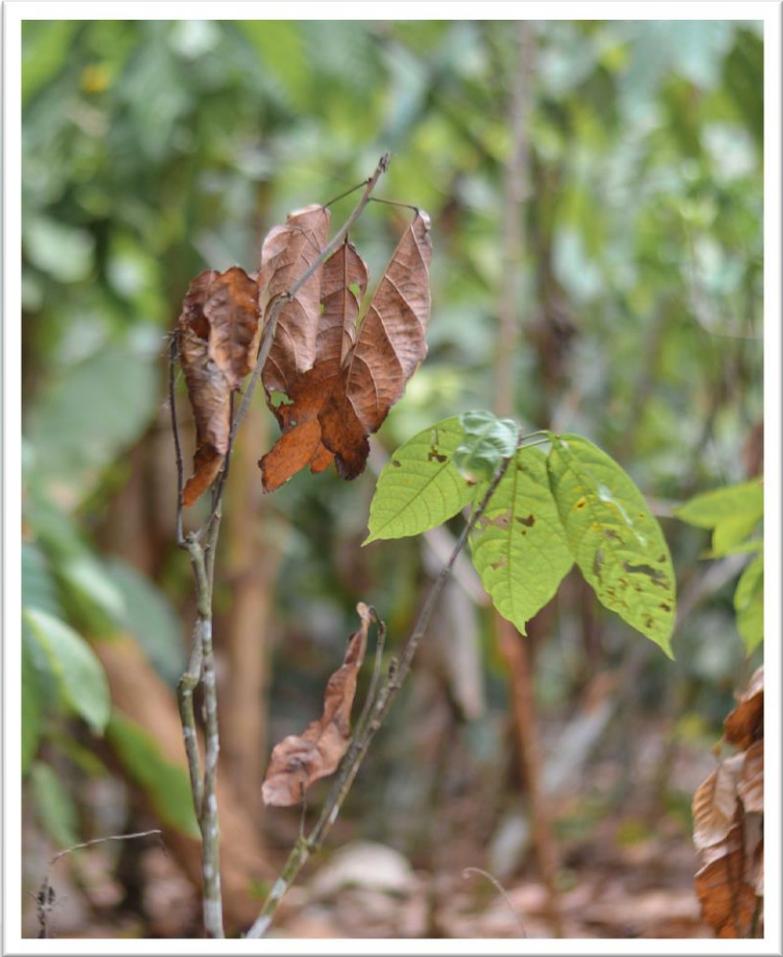
RESEARCH PROGRAM ON  
**Climate Change,  
Agriculture and  
Food Security**



## Adapting the cocoa sector to climate change

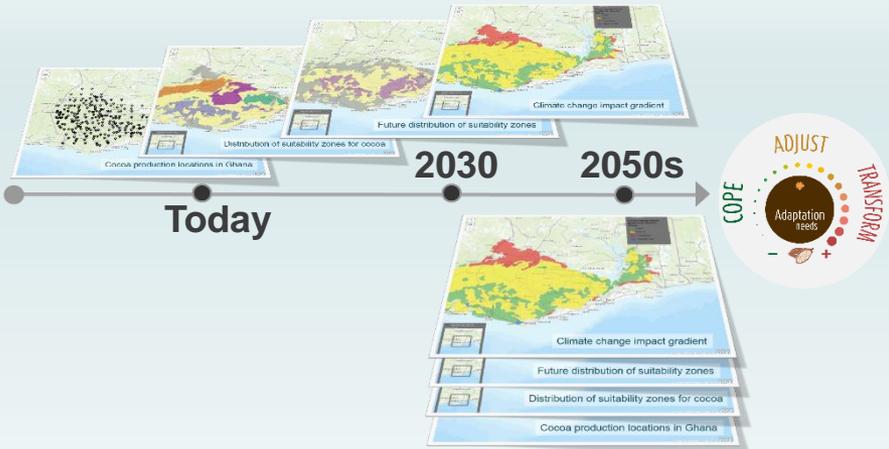


# Climate change impacts



# Mainstreaming Climate-Smart Cocoa

**1** Map the **impact gradient** to understand the risk of climate change over time



**2** Convene value chain actors along the exposure gradient



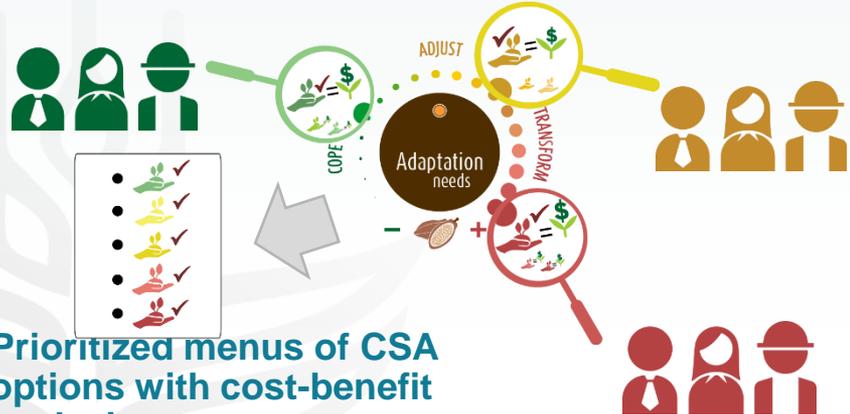
Areas that transition from one suitability type to another but remain suitable



Locations where climate characteristics will not fundamentally change

Production in these zones will likely become unviable and other crops should be considered

**3** Identify and prioritize **relevant CSA practices** by exposure gradient and analyze **costs and benefits**.



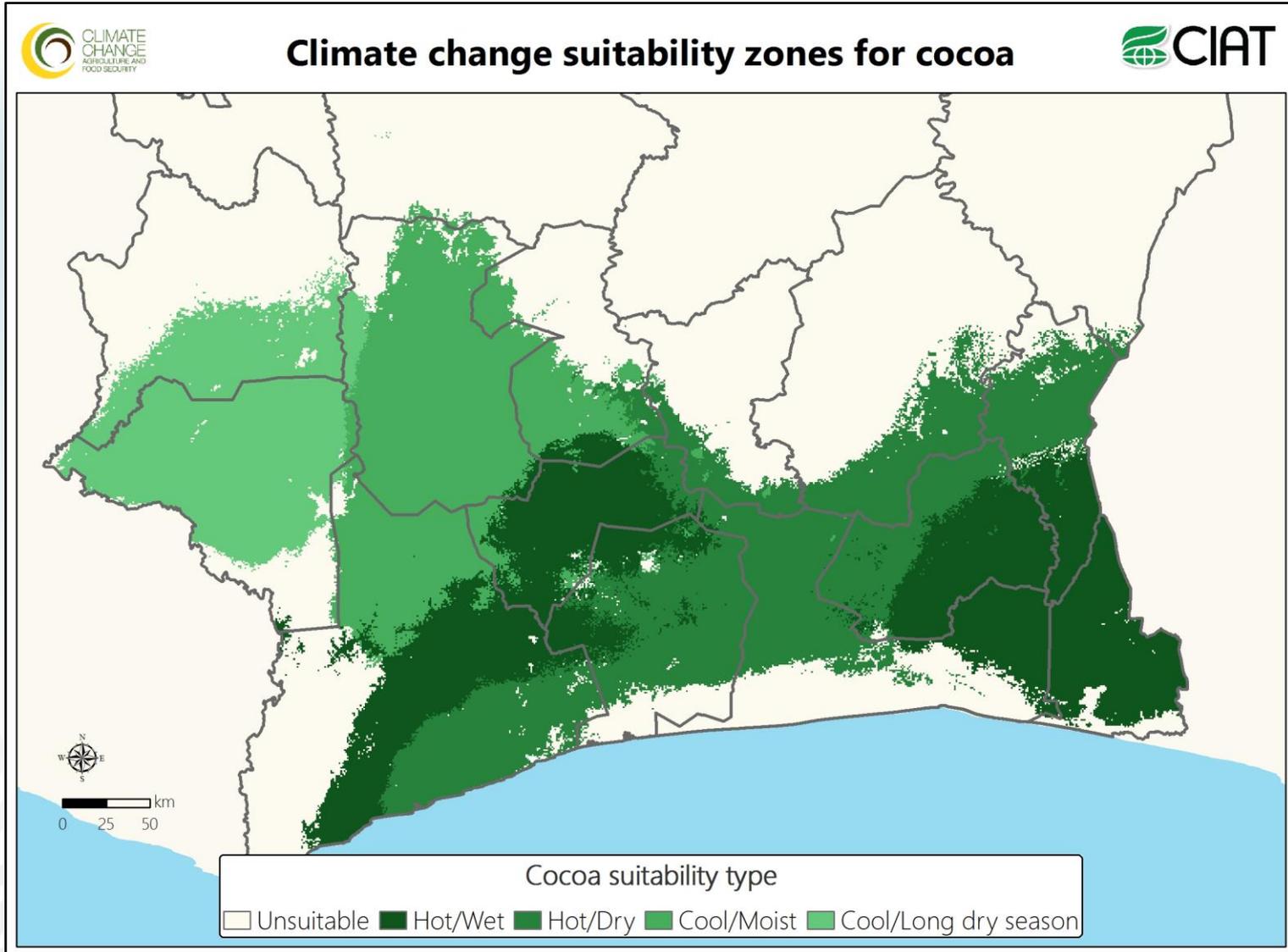
**Prioritized menus of CSA options with cost-benefit analysis**

**4** Construct exposure specific portfolios of priority CSA practices for **different investors**



**Tailored CSA investment plans**

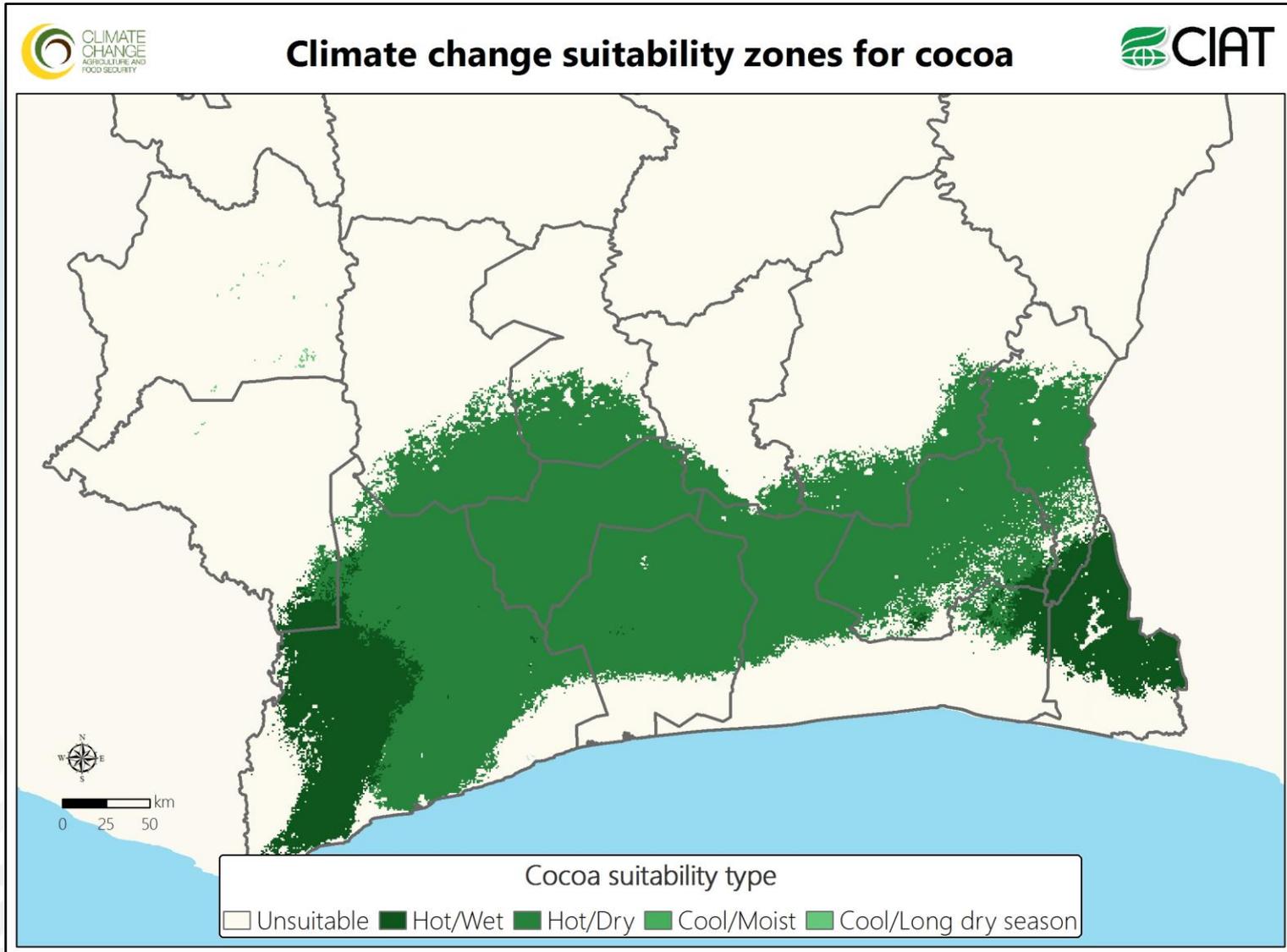
# Impact zones in Ivory Coast



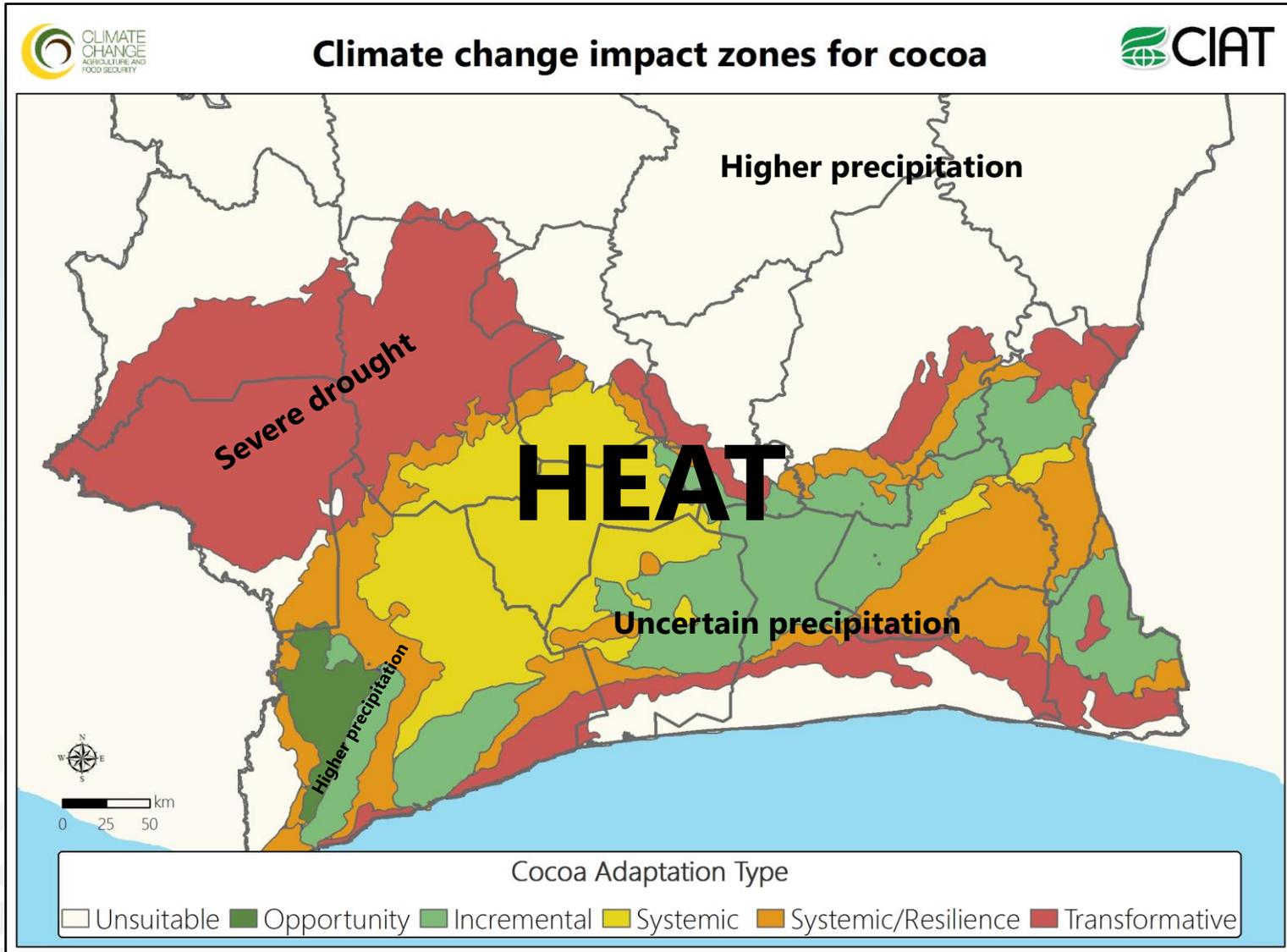
# Impact zones in Ivory Coast



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# Impact zones in Ivory Coast



Thank you!



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6<sup>th</sup> European Cocoa Forum, 15&16 September 2016, Croatia  
C. Bunn, Mark Lundy, Fabio Castro et al.

