Climate smart cocoa value chains



RESEARCH PROGRAM ON Climate Change, Agriculture and Food Security



Adapting the cocoa sector to climate change





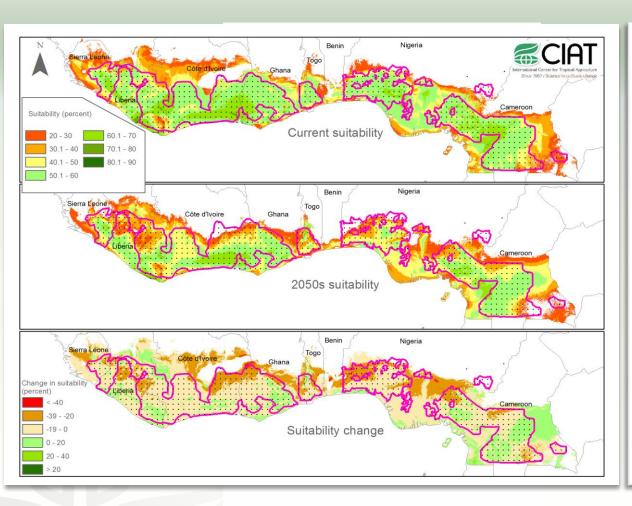


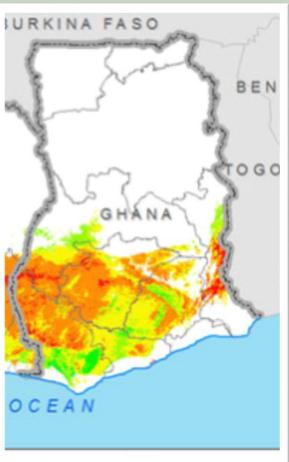




Climate change impacts







Climate change impacts

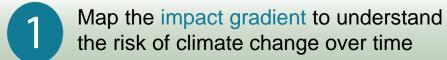


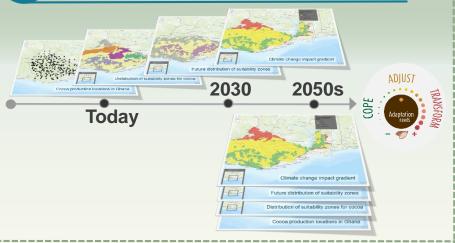




Mainstreaming Climate-Smart Cocoa







Convene value chain actors along the exposure gradient



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



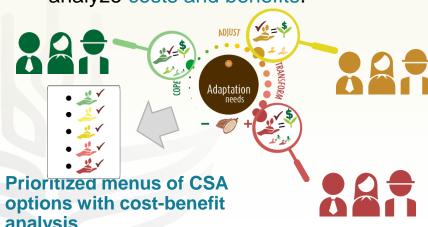




Locations where climate characteristics will not fundamentally change

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

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



4

Construct exposure specific portfolios of priority CSA practices for different investors







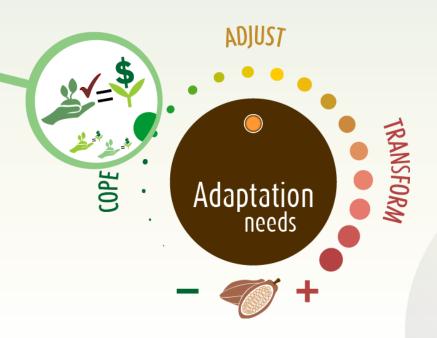
Tailored CSA investment plans

Low impacts – incremental adaptation



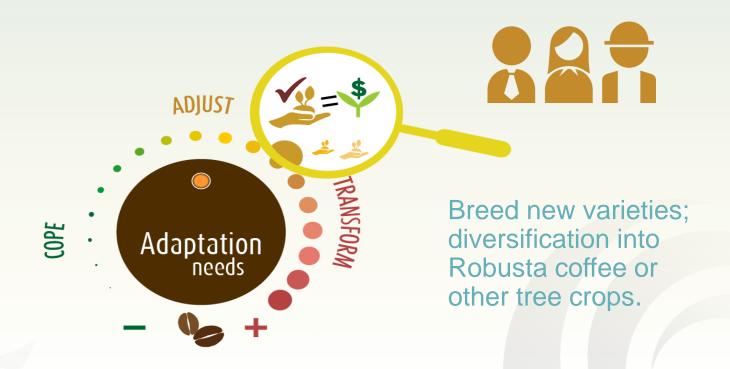


Shade and irrigation; improved crop, pest and diseases, shade, soil, water and fertility management



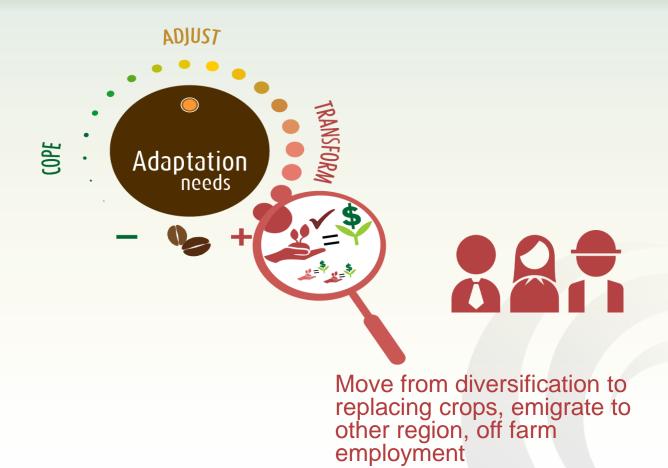
Intermediate impacts – pro-active adaptation





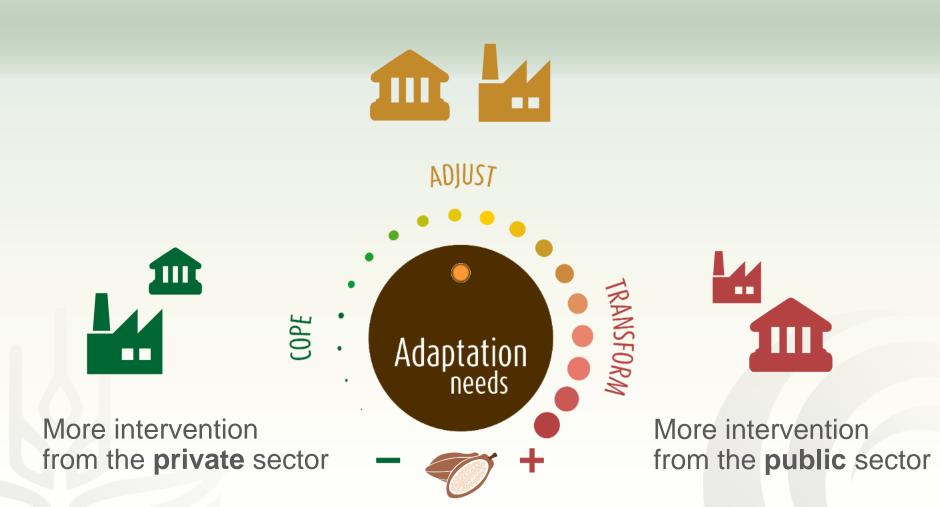
High impacts – adaptation unfeasible





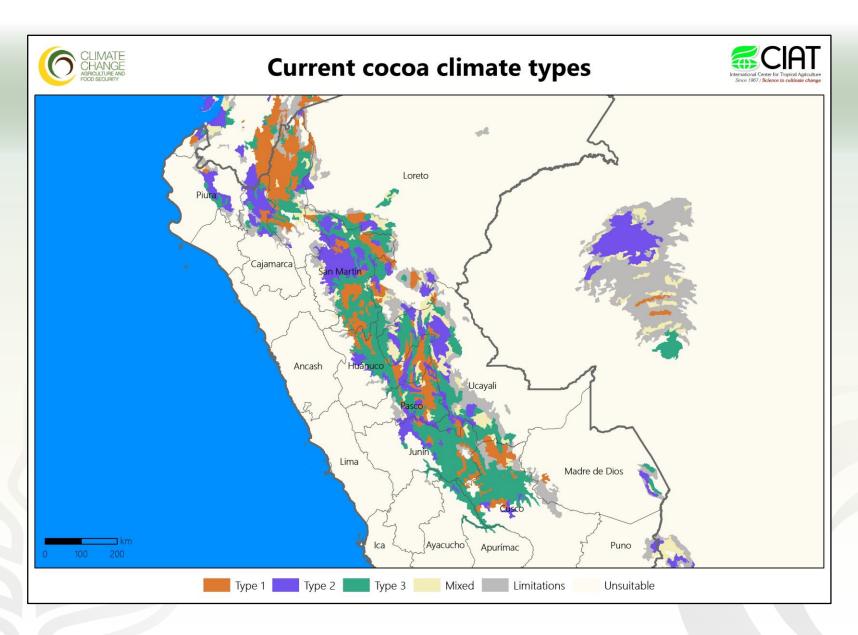
Public-private partnerships





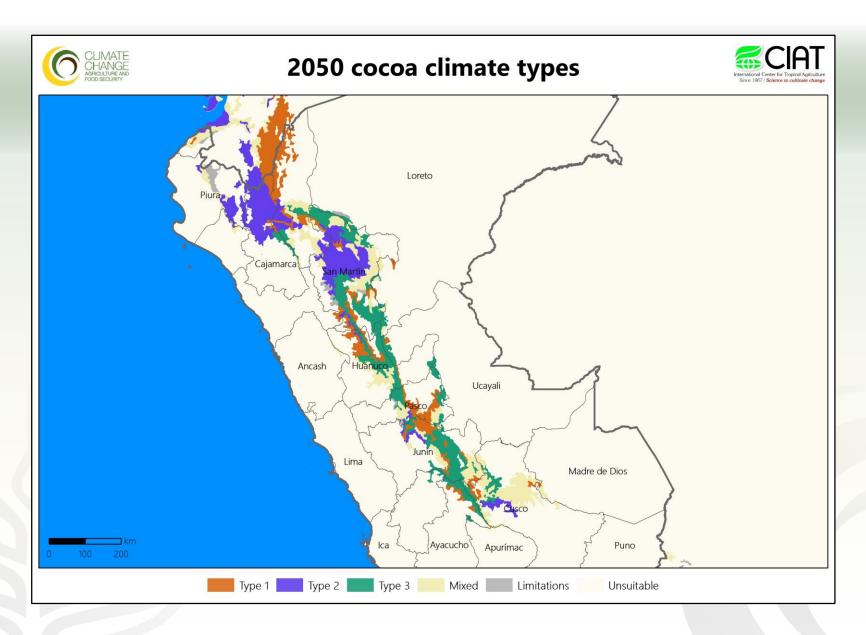
Impact zones in Peru





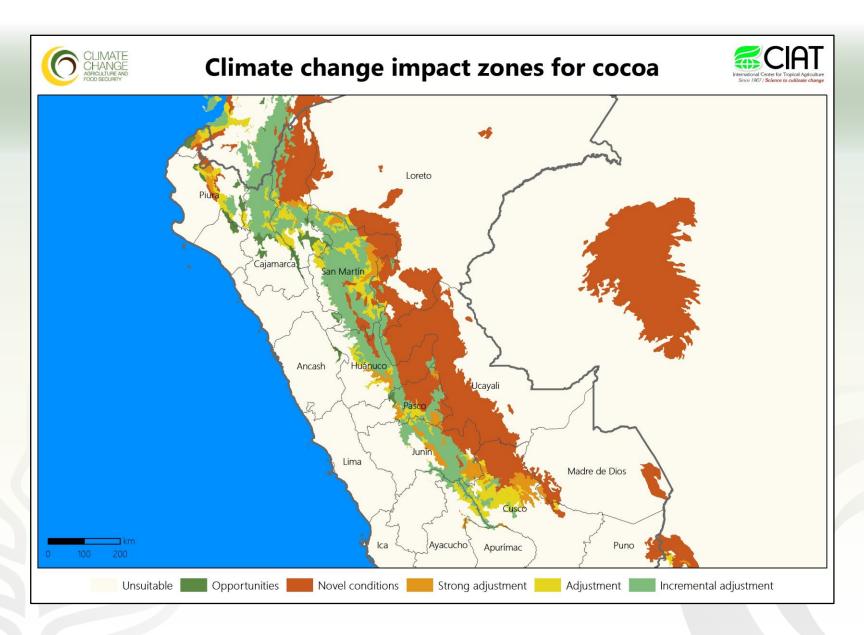
Impact zones in Peru





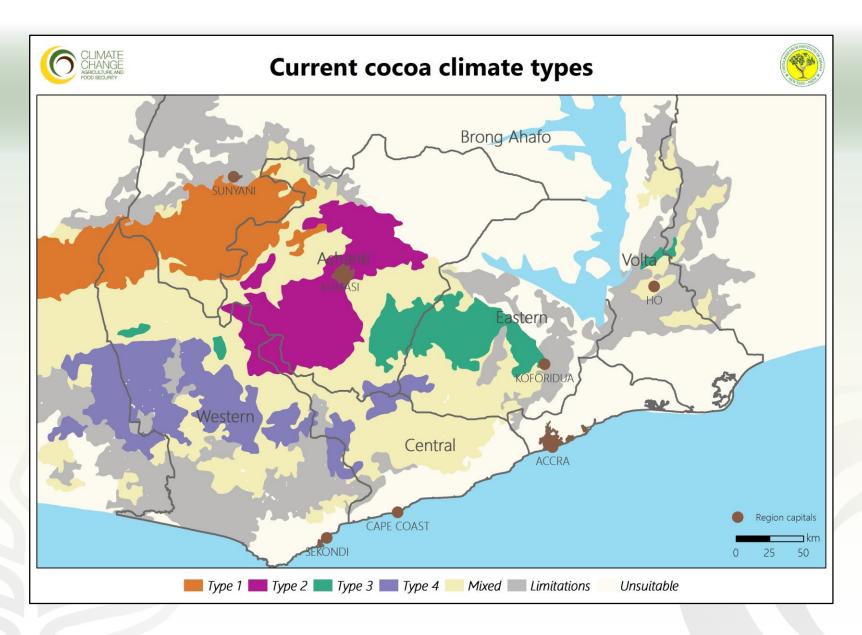
Impact zones in Peru





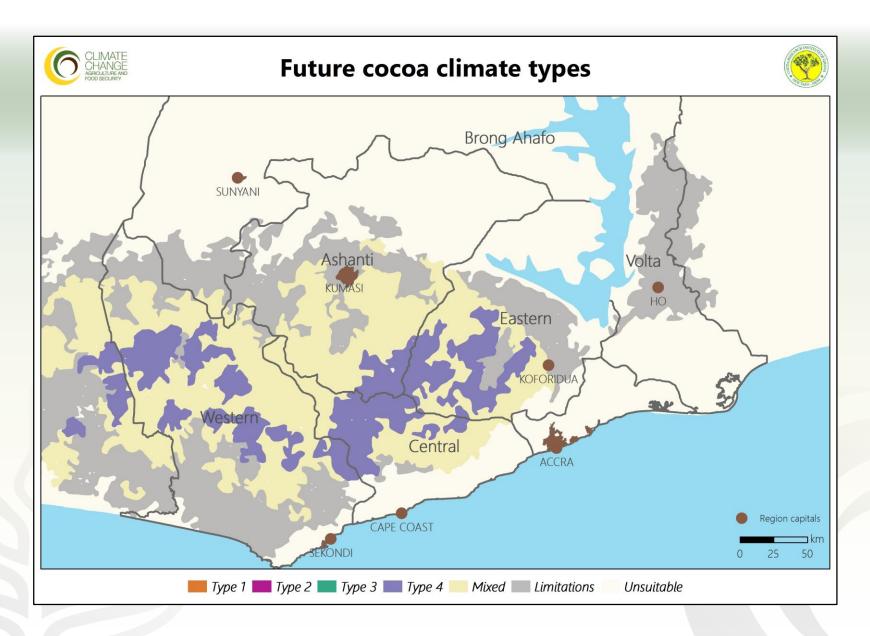
Impact zones in Ghana





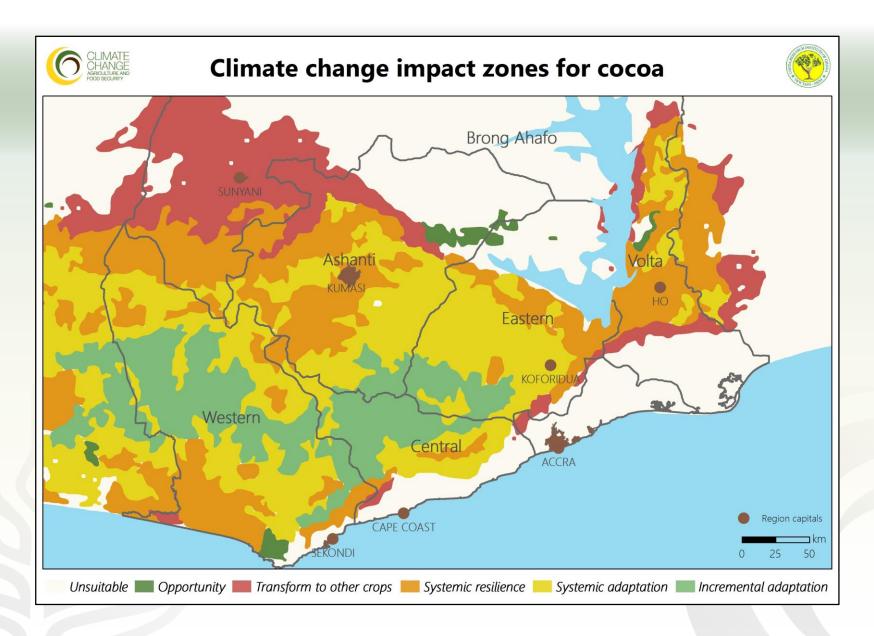
Impact zones in Ghana





Impact zones in Ghana











Thank you!









