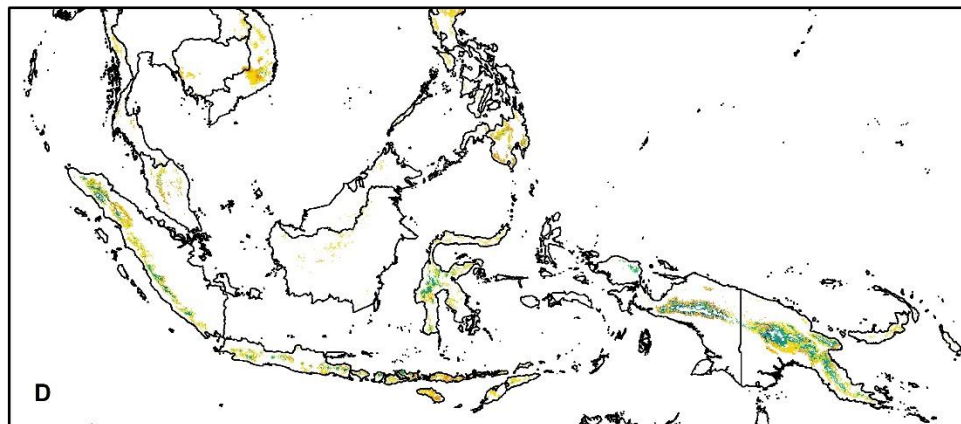
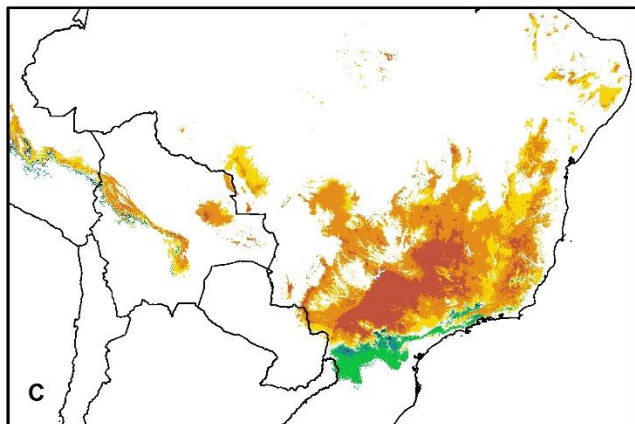
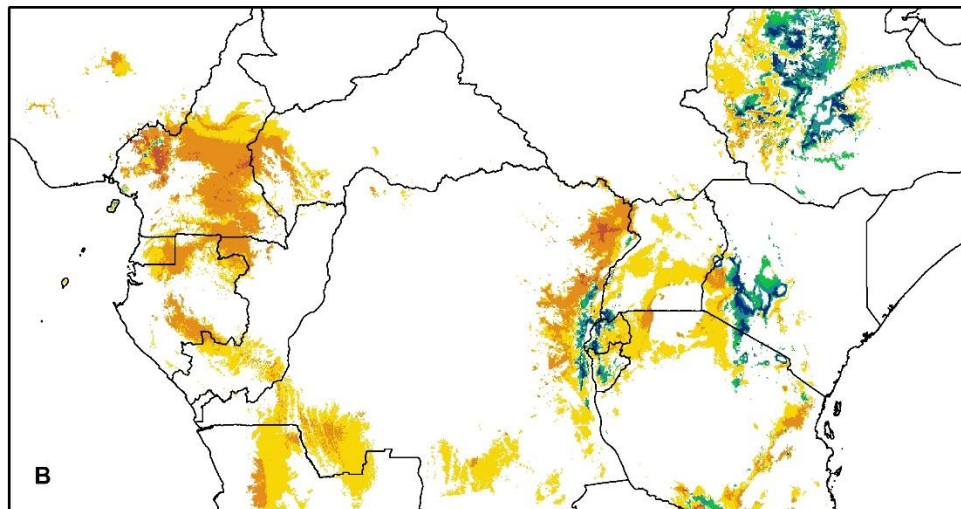
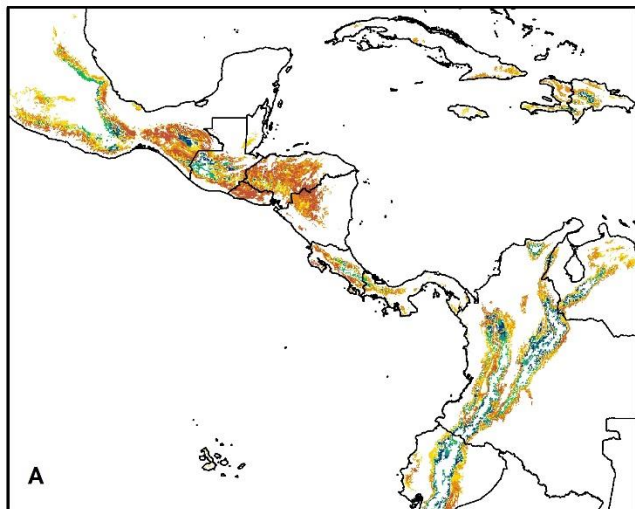
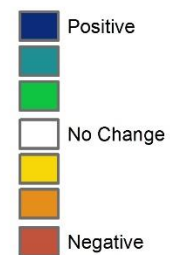
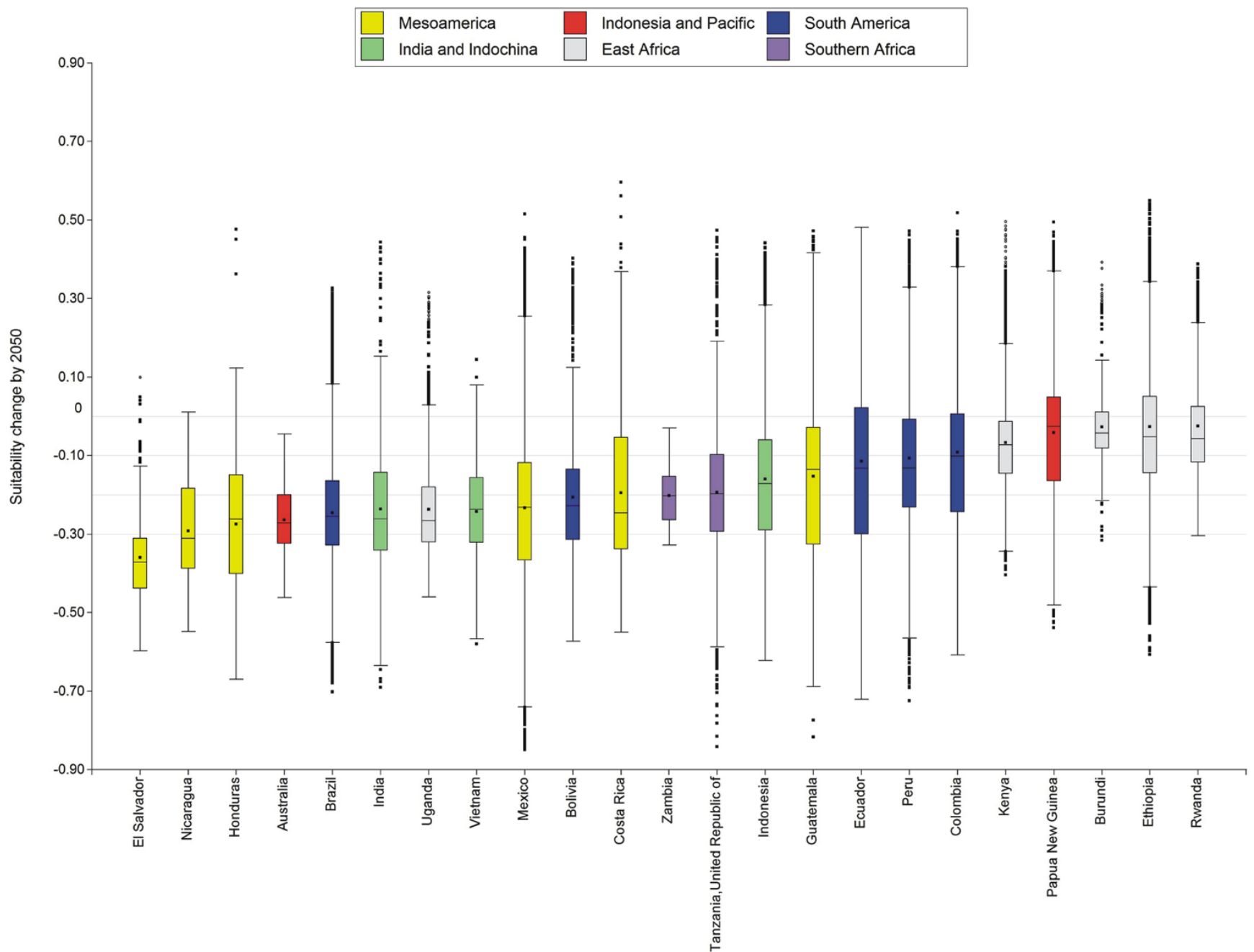


***C. arabica*
Suitability
Change
2050**

RCP 6.0

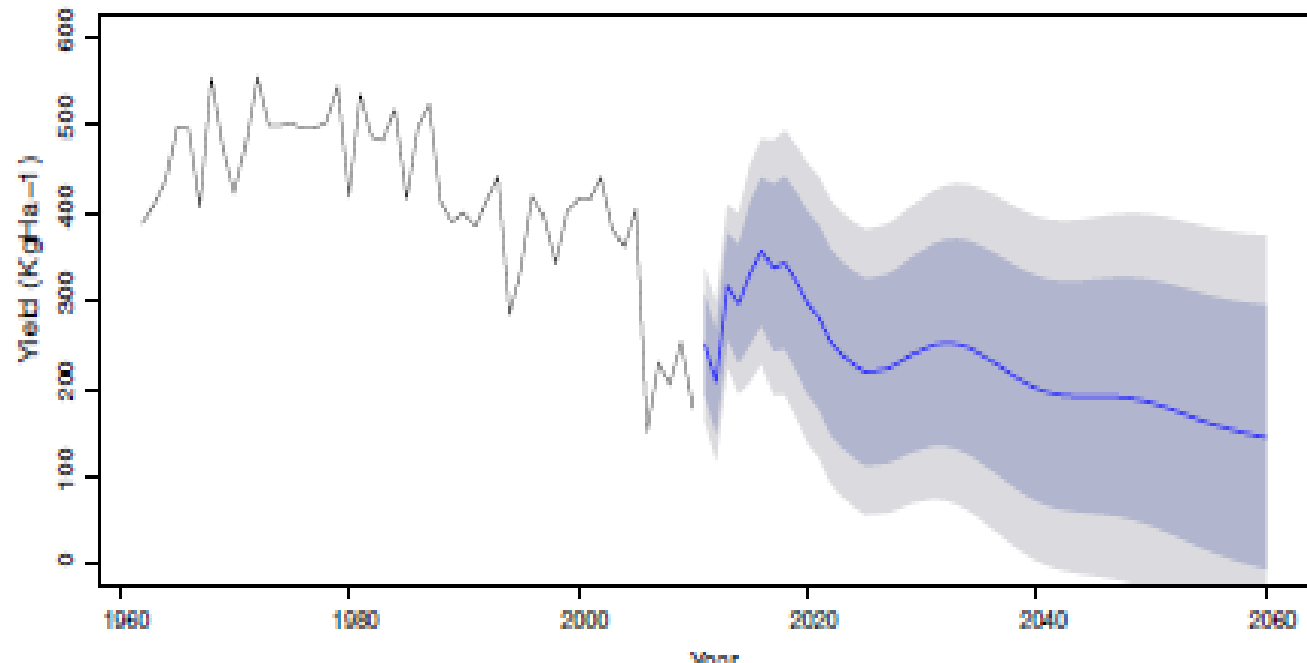
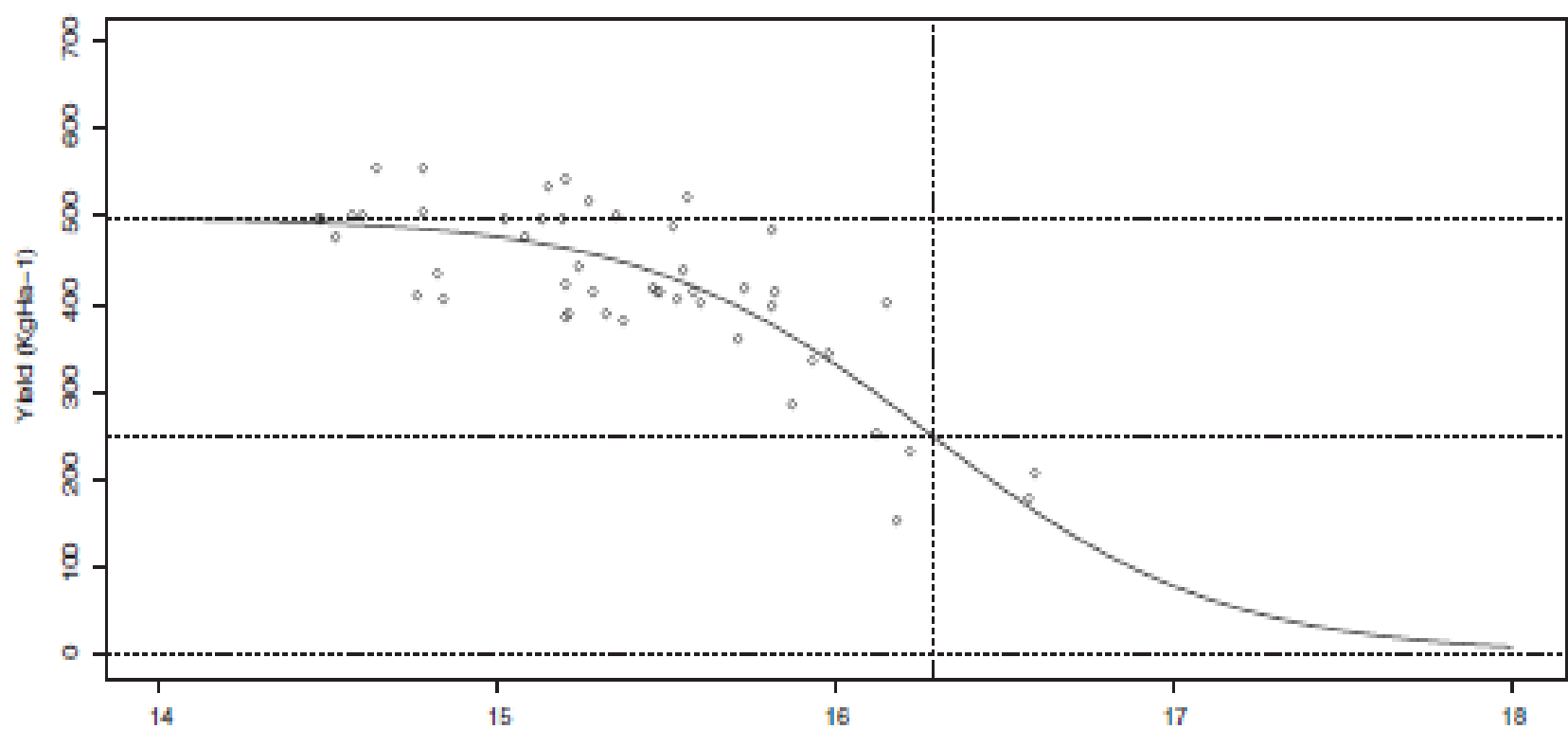




We are already seeing impacts







In Tanzania,
every 1°C
increase reduces
yields by 137
kg/ha



And if we do nothing we can expect...

Less area for coffee production, lower
production of Arabica

Higher prices

Lower quality

Coffee migrating up hillsides

...and more Robusta

Key messages:

Climate change impacts are here now.

Climate change varies over space & time.
This means tailored adaptation strategies.

Projections based on business as usual
(e.g. no action).

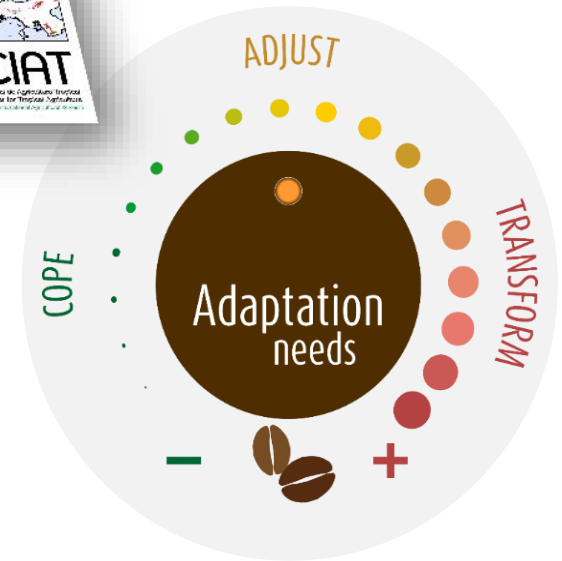
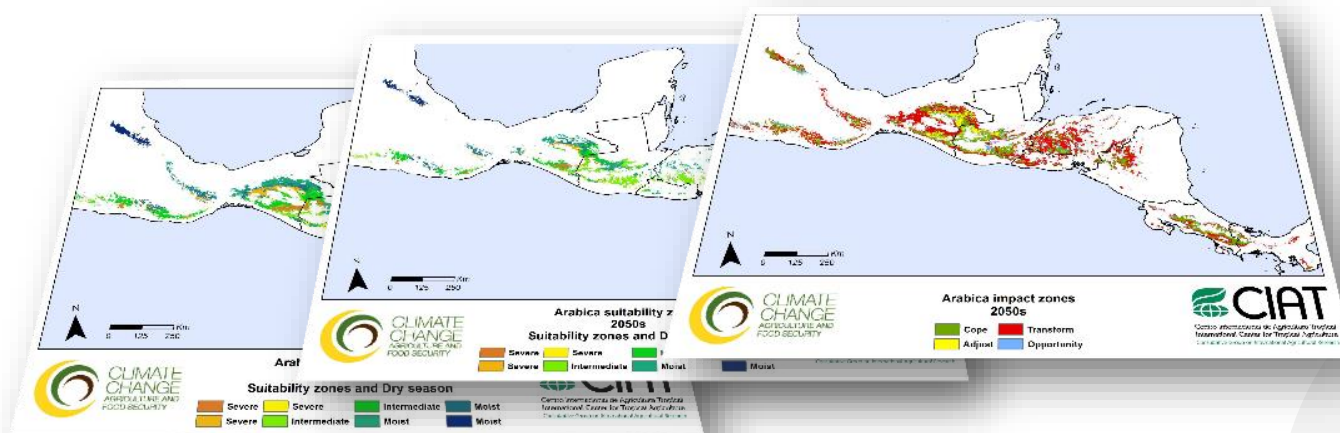
So, what can we do?

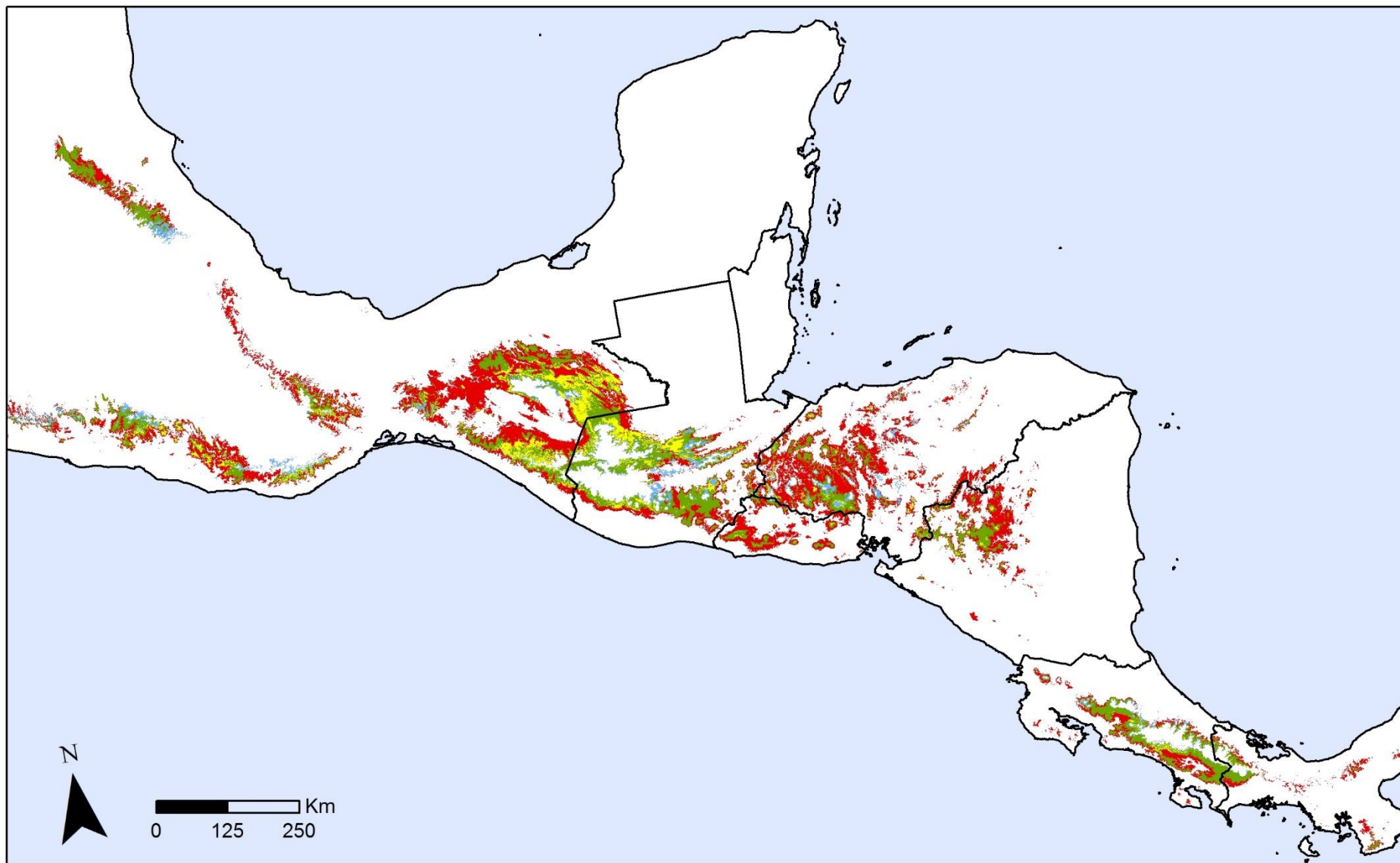


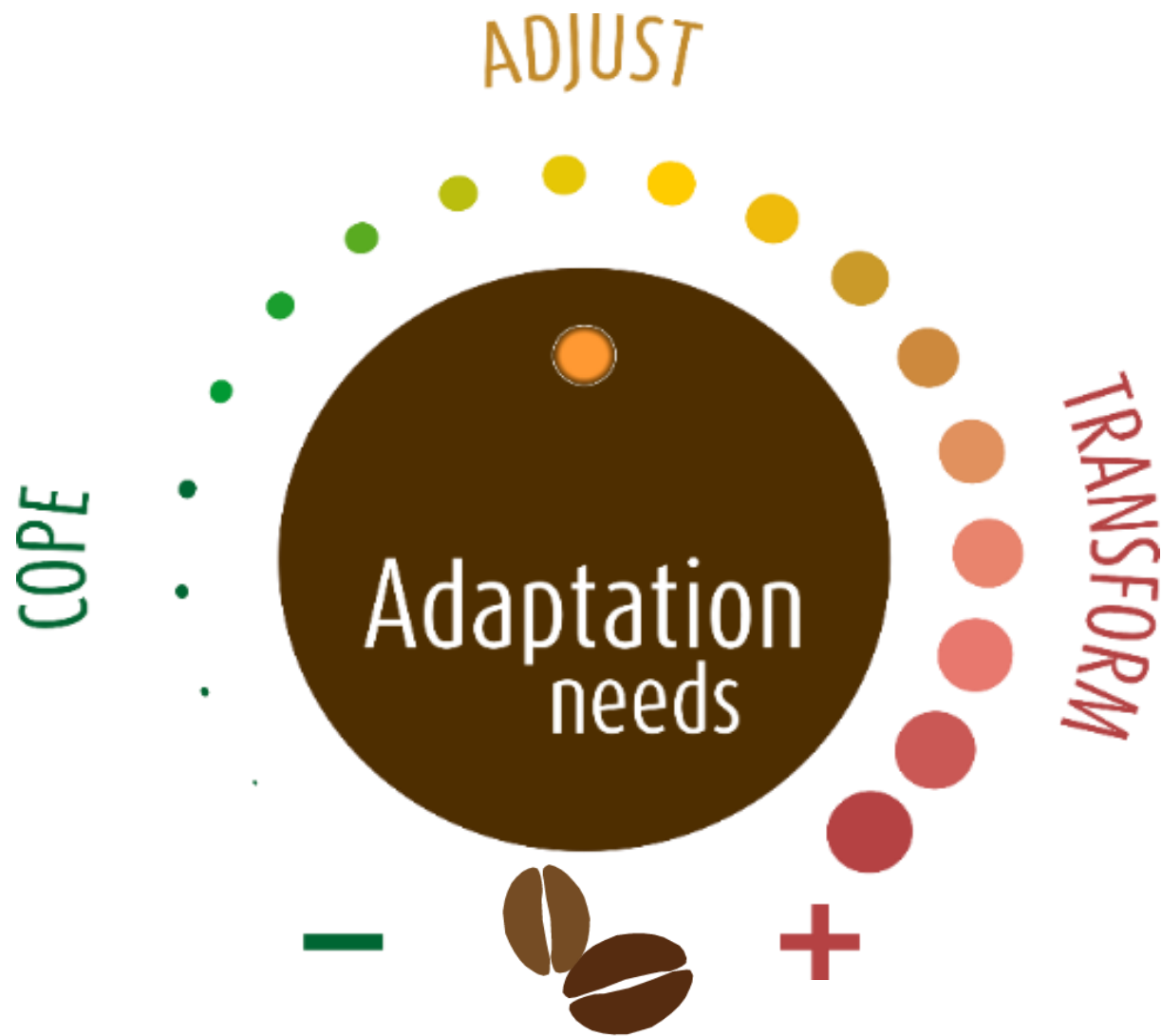
**KEEP
CALM
AND
CARRY
ON**

1

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



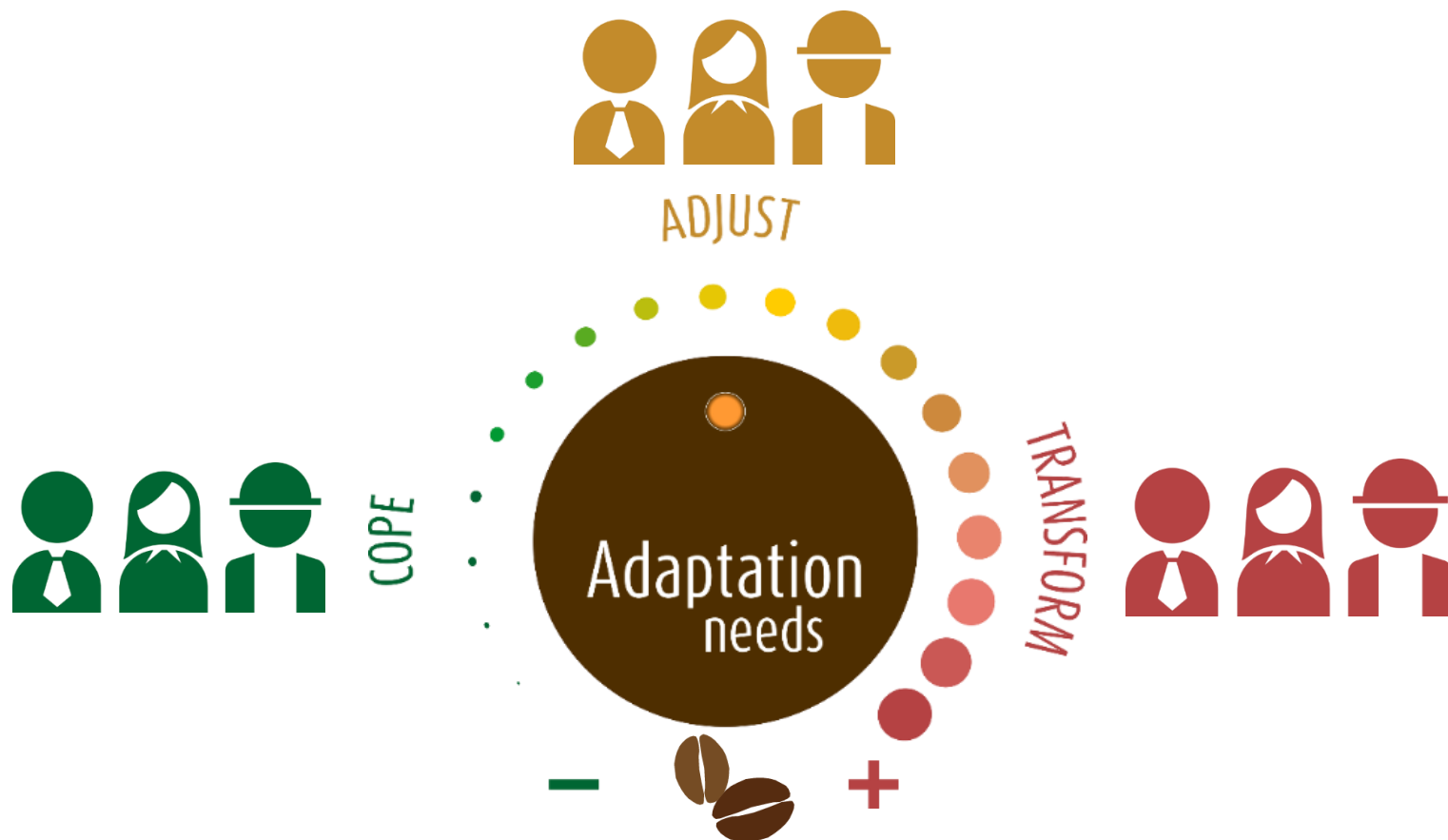






2

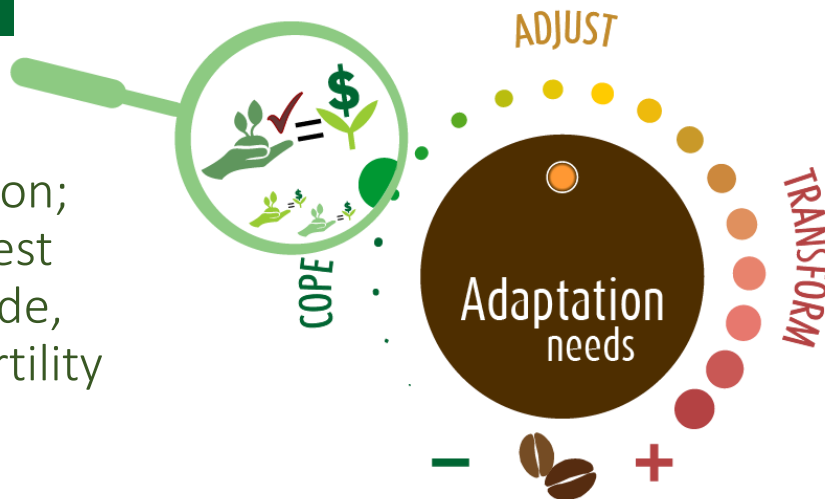
Convene **value chain actors** along the exposure gradient



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

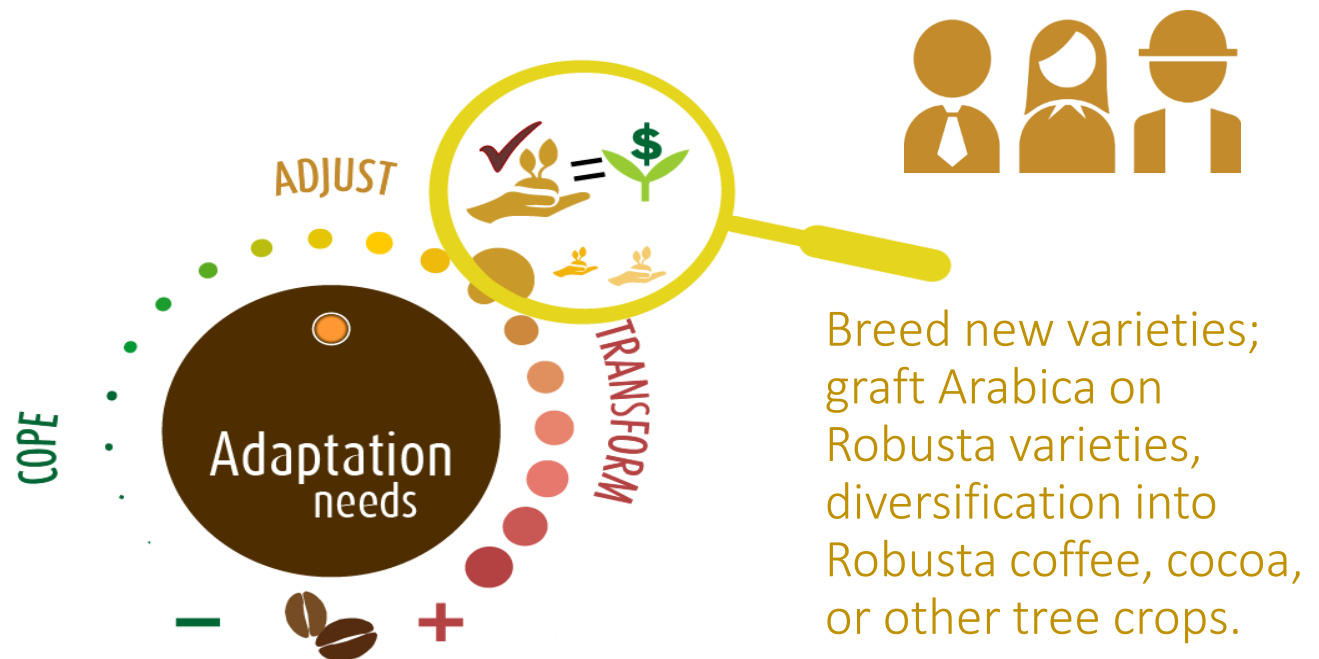


Shade and irrigation;
improved crop, pest
and diseases, shade,
soil, water and fertility
management



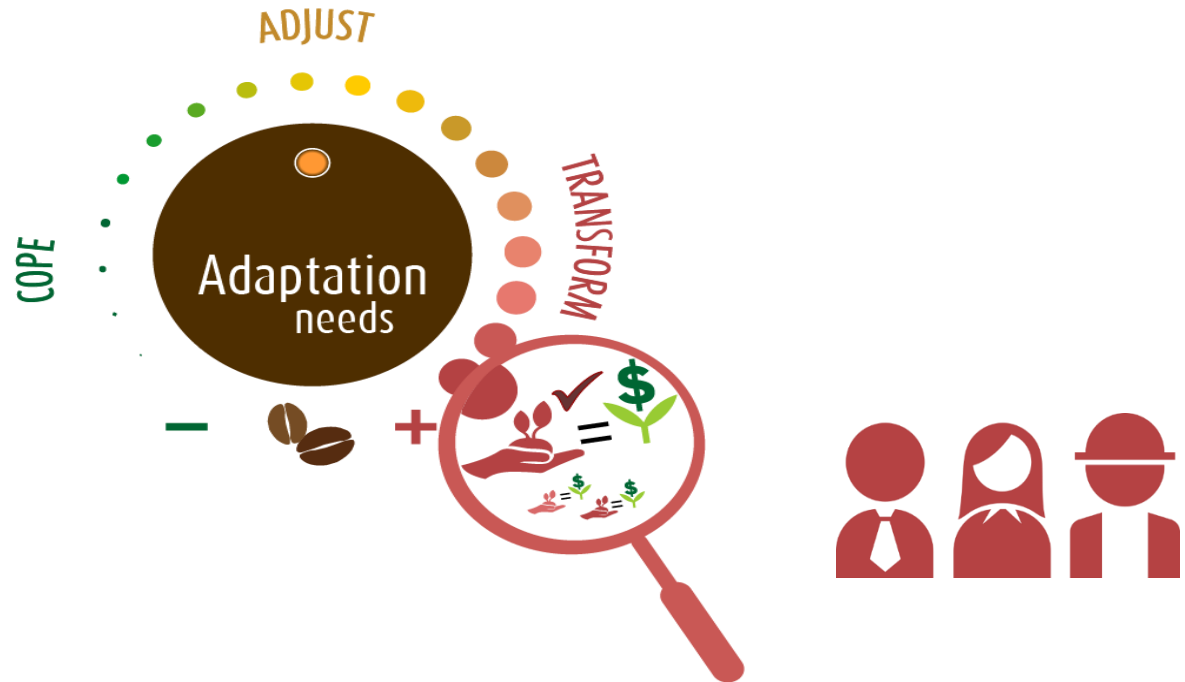
3

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



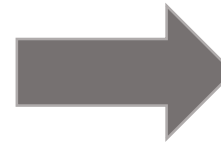
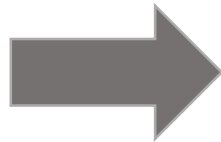
3

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



Move from diversification to replacing crops, emigrate to other region, off farm employment

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



Tailored CSA
investment plans

Different sources
of investment

Potential entry points for action

1 →



Company specific
coffee supply chain

2 →



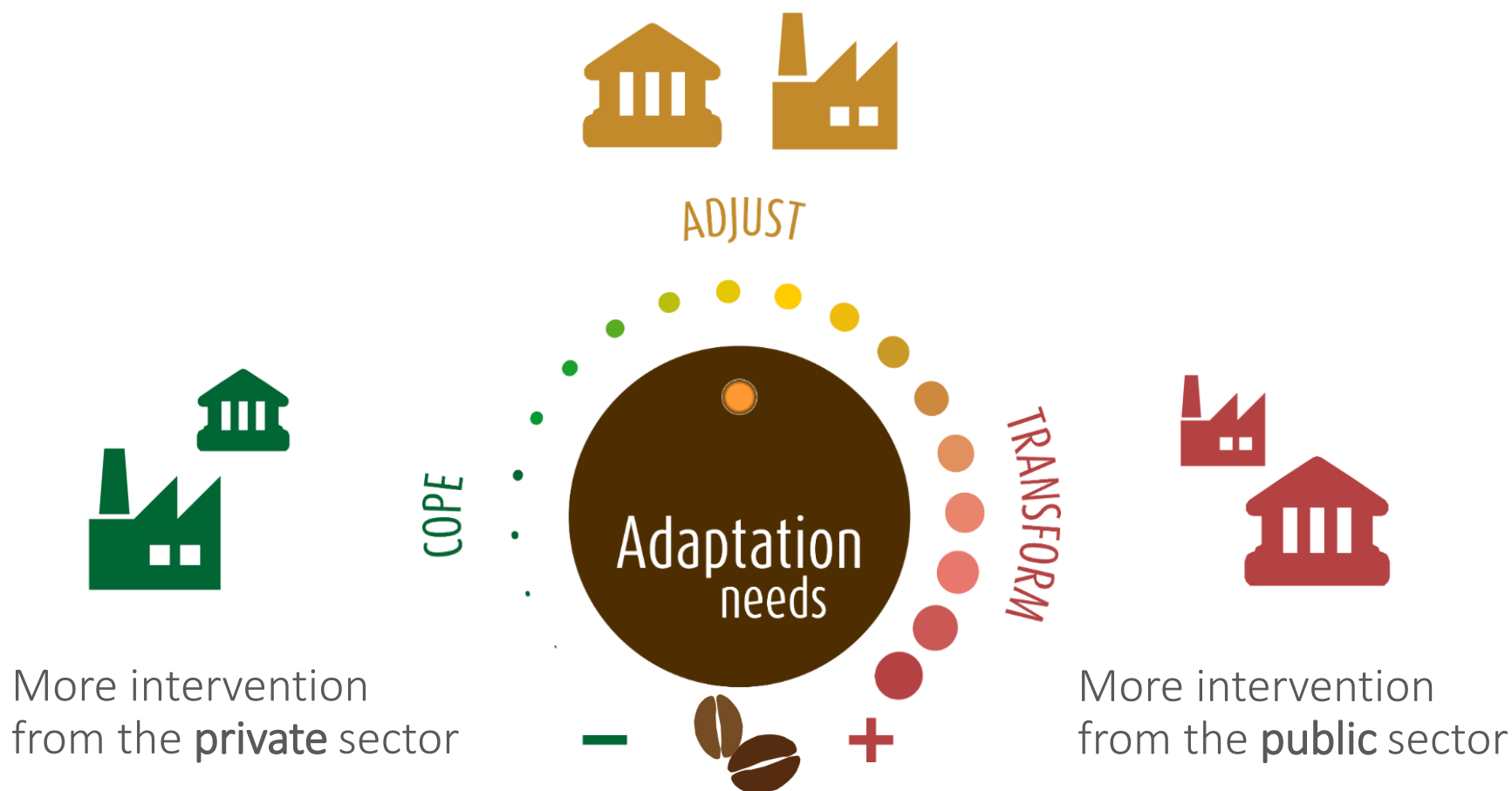
Collaboration across
multiple coffee
companies

3 →



Multiple companies &
products from a
common landscape

In partnership with other public and non-profit partners



In conclusion

Take action now to minimize impacts.

Combine scientific insights with business incentives.

Partnerships are critical.

Resilience is a long-term process.

