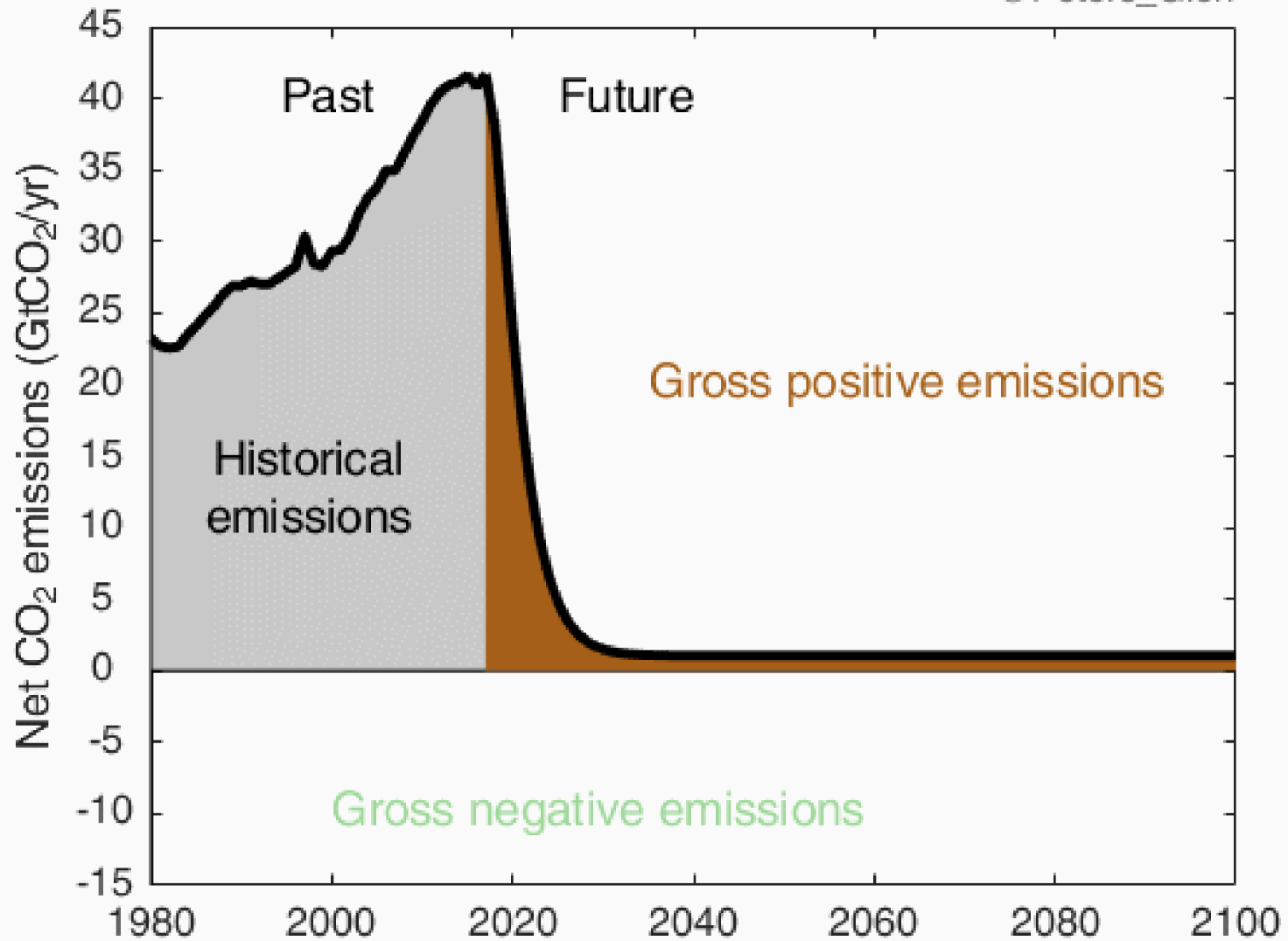
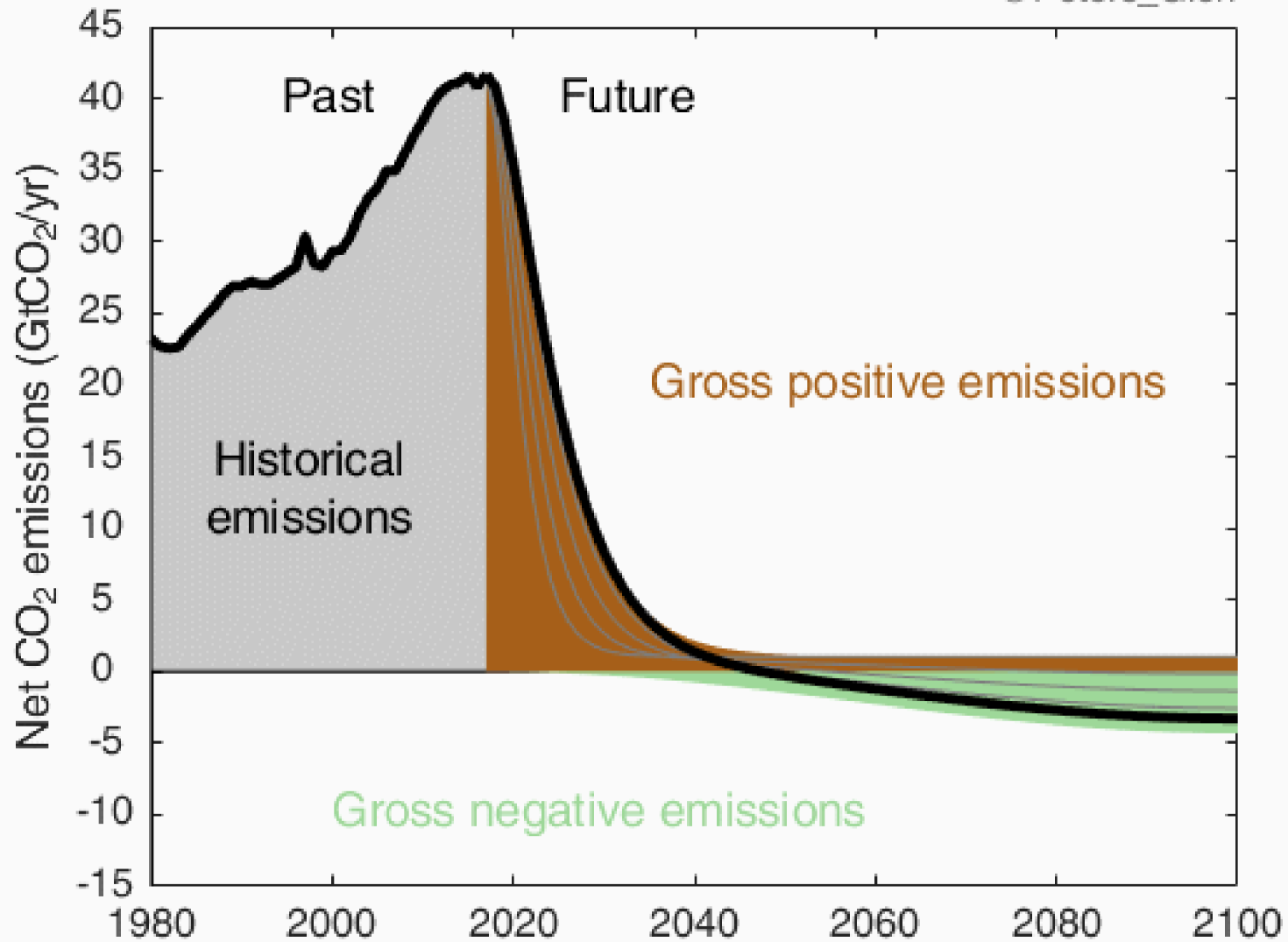


Source: Glen Peters, CICERO

@Peters\_Glen

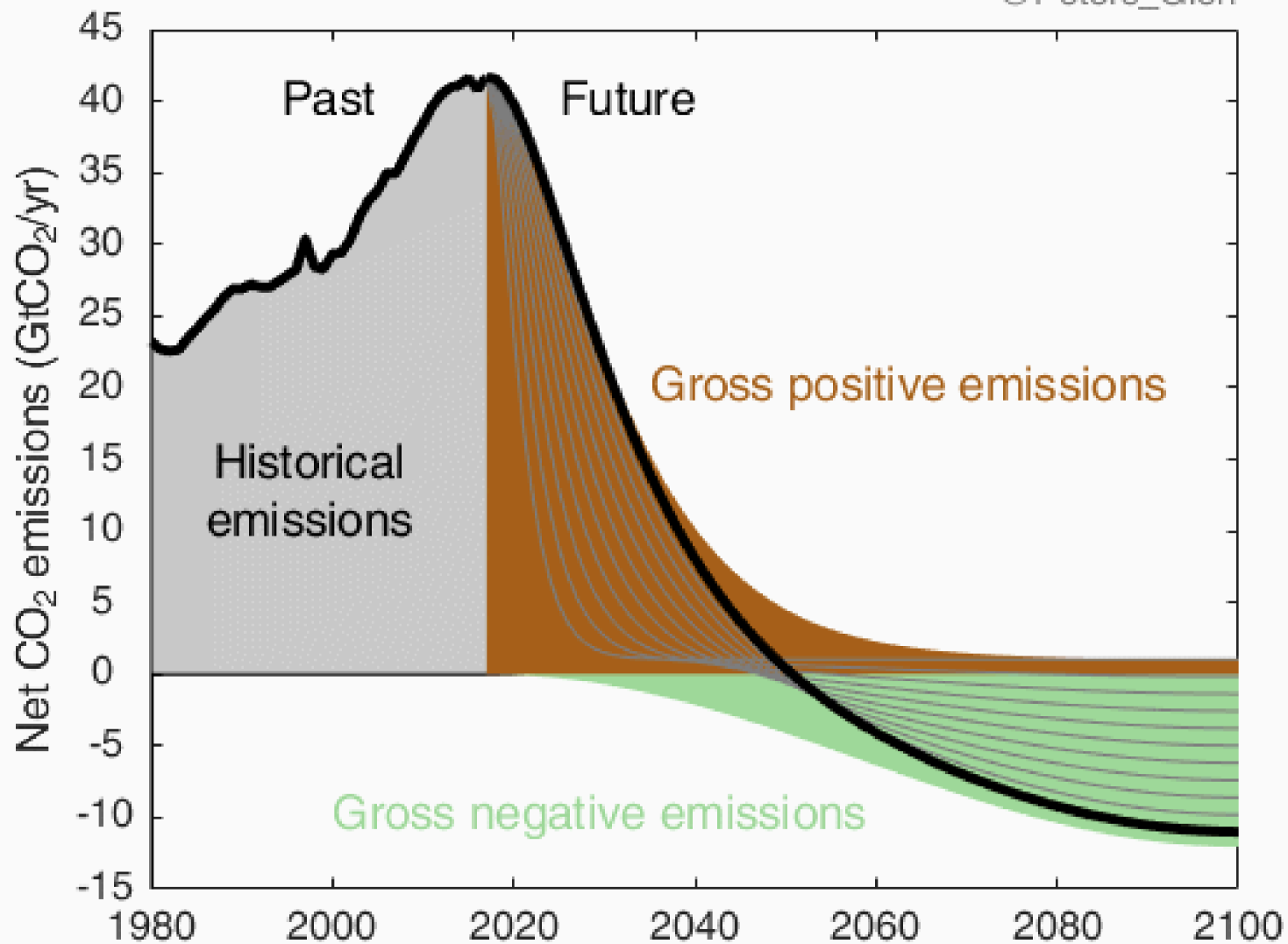


@Peters\_Glen

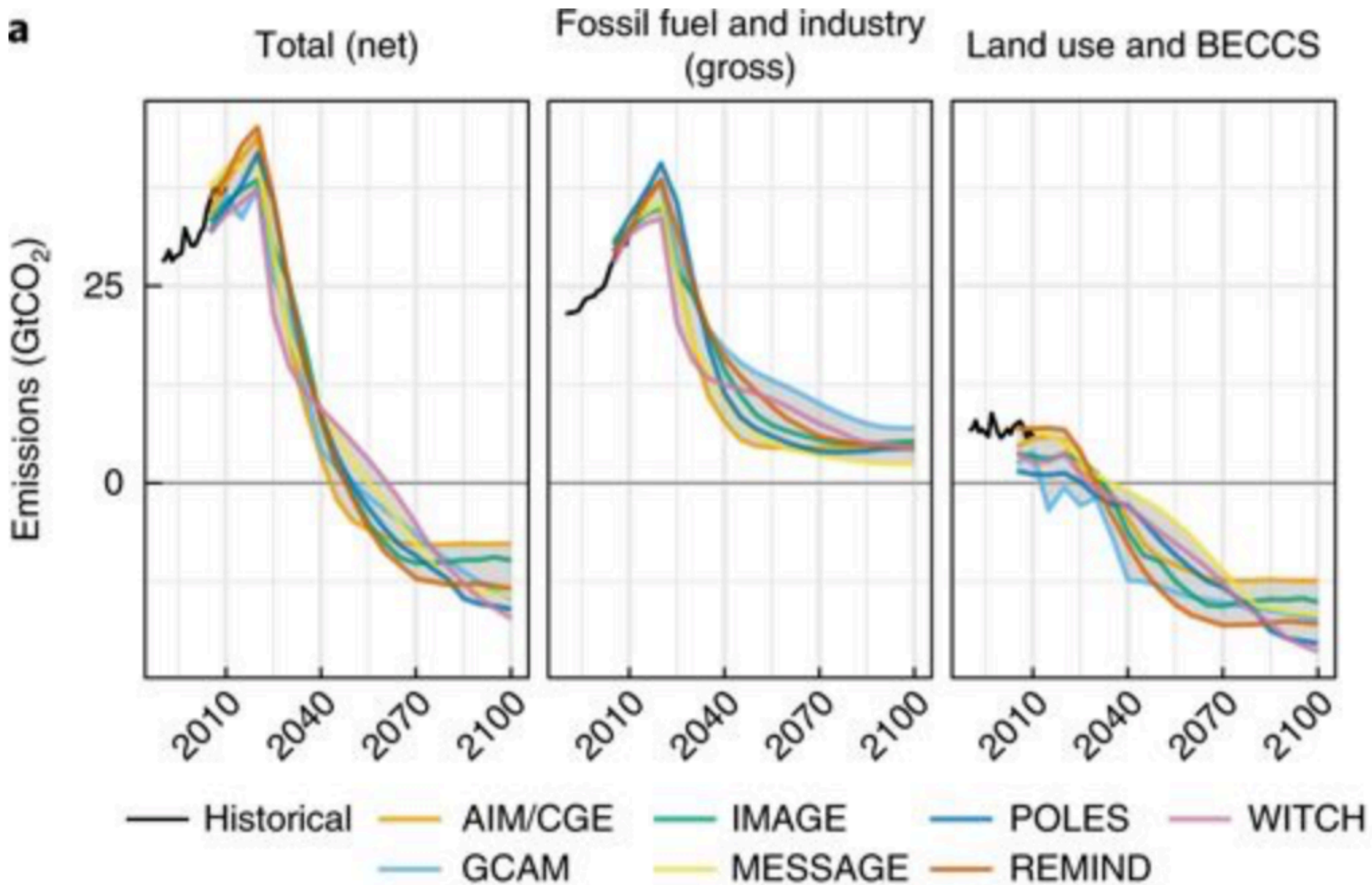


Source: Glen Peters, CICERO

@Peters\_Glen

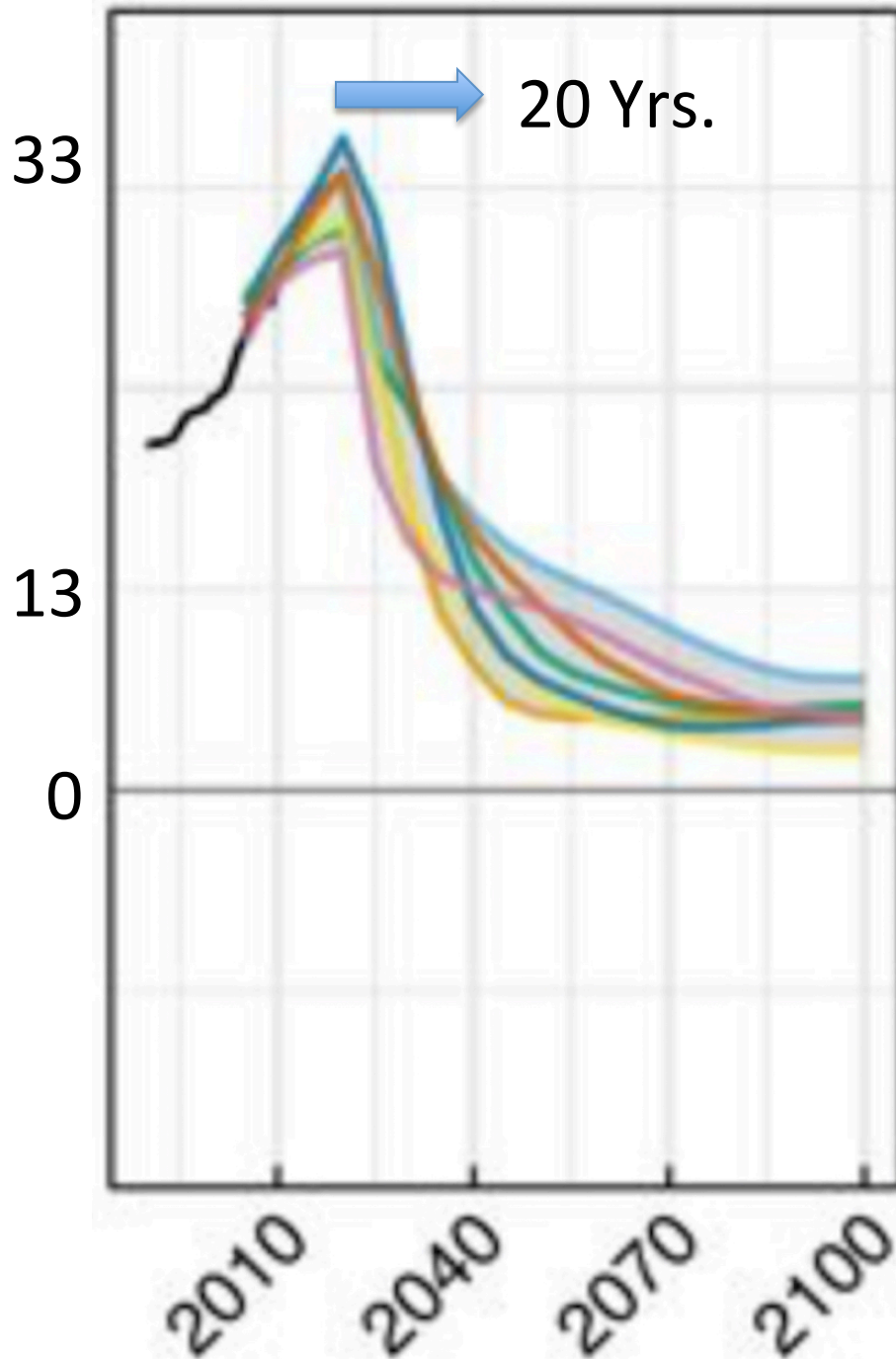




**a**

Source: Luderer, et al., Nature Climate Change, July 2018

GtCO2 fossil fuel combustion



Eliminate  
1 Billion  
tpy fossil  
sources  
per year



# US Fossil Fuel CO2 Phase-out

- US = 15.5% of global fossil fuel CO2
- US annual decline rate 2020-2040= 155 Mill tpy
- 1 GW coal unit = 5 Mill tpy
- Coal capacity = 252 GW
- 1 GW gas power = 2.5 Mill tpy
- NGCC capacity = 247 GW
- US avg LDV CO2 = 4.7 tpy
- US LDV stock 240 million
- US LDV sales 17 million
- Rule of 12