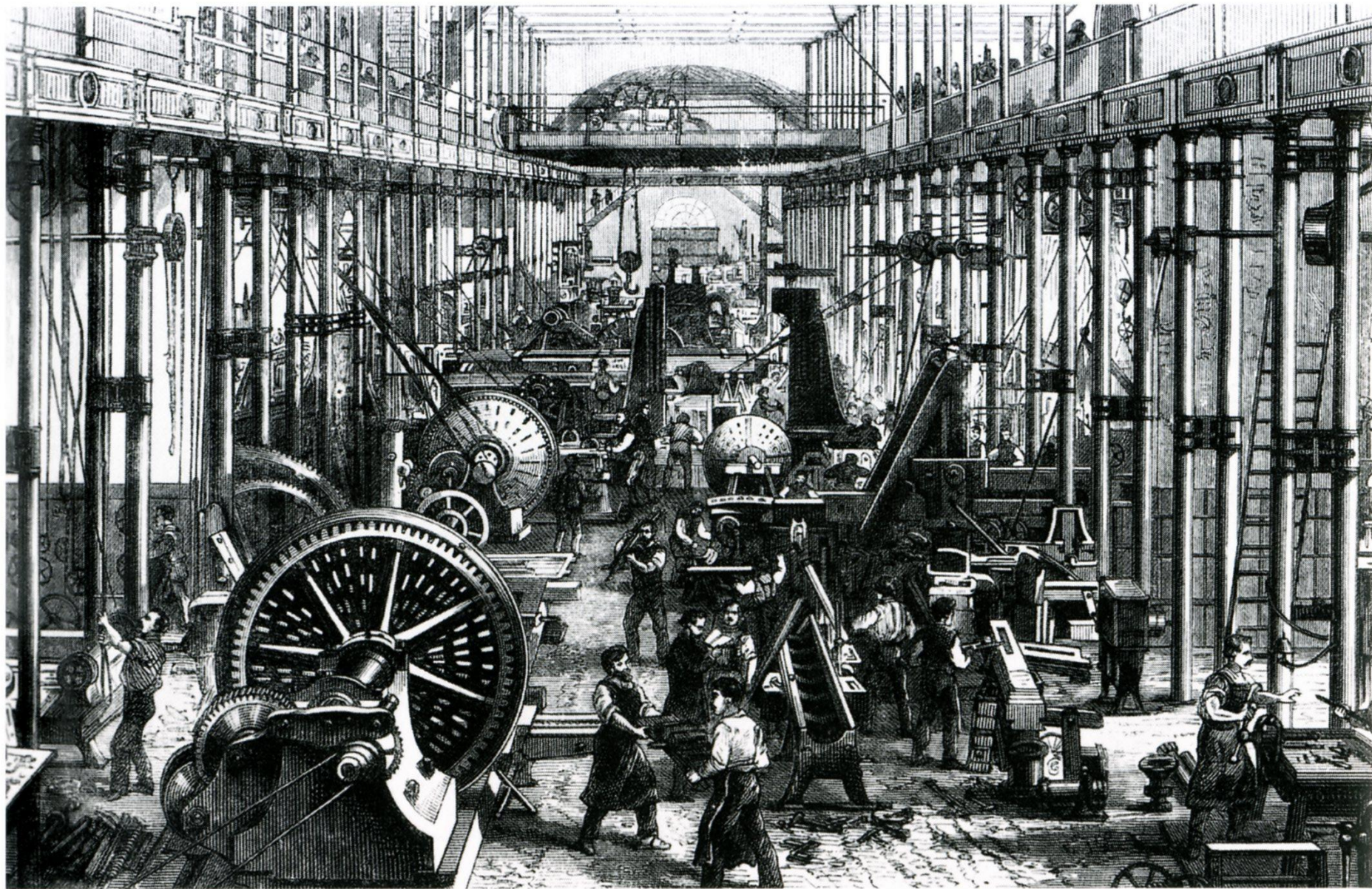




# Welcome to an age of disruption

Thomas Vellacott, WWF, 25 September 2019



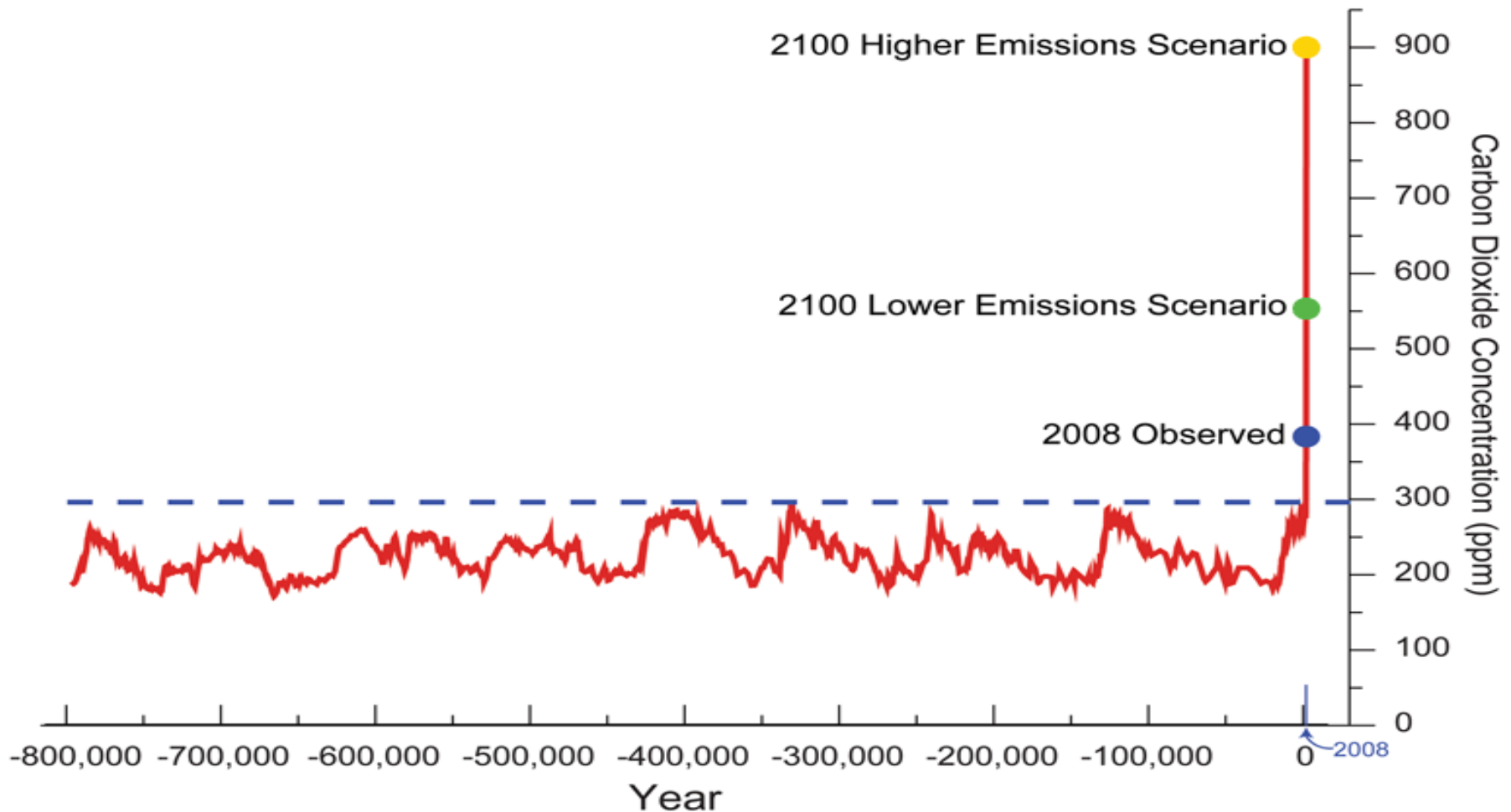






# Disruption in nature

## CO<sub>2</sub> CONCENTRATION IN THE ATMOSPHERE *PPM*





# Disruption in the economy

## Cheapest Energy Generation Technology By Country

2014

Coal	Gas	Wind	Solar
Belgium	Algeria	Denmark	
Bulgaria	Argentina	Germany	
Chile	Australia	Uruguay	
China	Brazil		
France	Canada		
Greece	Egypt		
India	Israel		
Indonesia	Mexico		
Italy	Peru		
Japan	Philippines		
Malaysia	Russia		
Morocco	Saudi Arabia		
Poland	U.S.		
South Africa	UAE		
South Korea			
Spain			
Thailand			
Turkey			
U.K.			
Vietnam			

2019

Coal	Gas	Wind	Solar
Indonesia	Algeria	Argentina	Australia
Japan	Belgium	Brazil	Chile
Malaysia	Bulgaria	Canada	Egypt
Philippines	Greece	China	France
Poland	Russia	Denmark	India
South Korea		Germany	Israel
Thailand		Mexico	Italy
Turkey		Morocco	Saudi Arabia
Vietnam		Peru	South Africa
		U.K.	Spain
		U.S.	UAE
		Uruguay	

Note: Reflecting the cheapest benchmark project for each technology and market.  
Source: [BloombergNEF New Energy Outlook](#)







# Nestlé pledges net zero emissions by 2050

Greenhouse gas cuts raise hope of ripple effect across supply chain



© Getty

Nestlé wants cows' diets to be adjusted to cut down on methane emissions © Getty

SEPTEMBER 12, 2019 by **Leila Abboud** in London

Nestlé will cut greenhouse gas emissions across its operations and supply chain to net zero by 2050, setting in train what are likely to be sweeping changes among the coffee growers, dairy farmers and packaging companies that supply the world's biggest food company.



I DON'T BELIEVE IN  
GLOBAL WARMING





Face direction of travel

