

Our TRANSFORMATION scenario is a society transitioning to a zero carbon world. All industries experience demand driven transformational change from individual self-limitation and sharing of the commons.

The world goes further than fixing climate change and regenerates planetary health and ecosystems. Societies are more equal, healthier and happier.

THE STORY SO FAR

Urban agriculture produces 15-20 per cent of the world's fresh produce in 2015. **4A**

Drop in solar panel prices caused record investment in renewable energy in Australia in 2017. **4B**

School children in developed countries start "Strike 4 Climate" in 2018, gaining worldwide attention in 2019.

2010

2020

2030

2040

2050

▼ FUTURE PAST ▲

CLIMATE CHANGE ELECTIONS

Cause: Continued protests for climate action across the world cause elections to be won based on climate action commitments.

Effect: Governments start to translate climate action into policy and regulation to meet commitments.

GLOBAL CARBON PRICE

Cause: After the Paris Agreement stocktake, developed countries commit to a \$60/Tonne carbon price in 2025.

Effect: Cost of business increases. Companies pass on costs to consumers.

INDIGENOUS SOLUTIONS

Cause: Cost to agriculture of carbon price and meat consumption reduction forces companies to find alternate business models.

Effect: Indigenous land and crop management recognised for its inherent sustainability and resilience in water and land use. **4D**

REGENERATIVE ECONOMY

Cause: The localisation of public and private sector leads the transformation into community-led regenerative economies.

Effect: The economy is designed to meet the needs of the population and the planet. Inequality, degradation and pollution are things of the past.

HEALTHY PLANET DIETS

Cause: Rising awareness of the role of the individual in creating global climate action accelerates uptake of plant-based diets.

Effect: People start to see the potential benefit of collective individual action on reducing carbon emissions. **4C**

CONSUMER CLIMATE ACTION

Cause: Individuals take greater control of climate action through purchasing power – no flying, no petrol cars, no meat.

Effect: Individual climate action commitment drops global carbon emissions in line with a less than 2 degree outcome.

NEW BUSINESS MODELS

Cause: Global organisations and national organisations lose trust within communities.

Effect: Organisations that adopt community ownership and participatory design flourish. Those that don't dwindle.

HOPE FOR FUTURE GENERATIONS

Cause: Collective individual action recognised as the solution to climate action. Laws are created passed to avoid undoing this.

Effect: Even though the impacts of climate change were felt in our children's generation, the outlook past 2100 is greatly improved.

2100

COMPARED TO TODAY

Drought Length	Sea Level Rise	Global GDP in Real Terms, 2100 compared to 2019	Land Still Suitable for Growing Coffee, Compared to Today
9 months longer ¹	137m people displaced ²	-1.07%	57% ⁴

¹ Naumann et al, "Global Changes in Drought Conditions Under Different Levels of Warming."
² Strauss et al, "Mapping Choices: Carbon, Climate, and Rising Seas. Our Global Legacy."
³ Matthew E. Kahn et al., "Long-Term Macroeconomic Effects of Climate Change: A Cross-Country Analysis," National Bureau of Economic Research, Working Paper no. 26167, 2019.
⁴ Bunn et al, "A Bitter Cup: Climate Change Profile of Global Production of Arabica and Robusta Coffee."

