Author The lead IT Contact should be a member of a relevant Technical Committee. Please contact the Technical Committee Secretary for a current list of members. Current Committee structure is available at: http://www.iec.ch/dyn/www/f?p=103:7:0::::FSP_ORG_ID,FSP_LANG_ID:1273,1

ipcc
INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE
Working Group I (WG1) - The Physical Science Basis

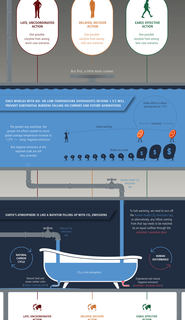
WORLDS APART

A STORY OF THREE POSSIBLE WARMER WORLDS

The future will look different no matter what — just how different is our choice

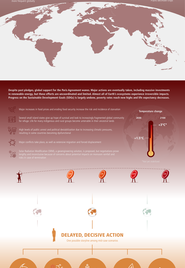
Because the decisions we make today can create this world we get tomorrow

There are many doors to many possible worlds.



THERE IS NO SINGLE "1.5°C WARMER WORLD", BUT SOME PATHS ASSEMBLE MORE FROM THE WORLD AS WE KNOW IT TODAY

DAILY WEATHER WITH NO, OR LOW, TEMPERATURE EXTREMES BEYOND 1.5°C WILL PRESENT SUBSTANTIAL BURDENS FALLING ON CURRENT AND FUTURE GENERATIONS



EARTH'S ATMOSPHERE IS LIKE A BATHTUB FILLING UP WITH CO2 EMISSIONS

THREE POSSIBLE WORLDS BEGIN TO DIVERGE IN THE 2020s

LATE, UNCOORDINATED ACTION
DELAYED, DECISIVE ACTION
EARLY, EFFECTIVE ACTION
Warming records, between by the most recent decade, and the warmest years on the instrumental record
Strong climate action by all major world economies, with net zero emissions by mid-century
Extreme weather changes experienced around the world
Transport is strongly electrified, with battery and hydrogen fuel cell engines used by 2025
Trees are chopped down and burned for new cash crops and biofuels, destroying habitats
Public capital increases the cost of borrowing for fossil fuel companies
Several countries commit to 100% southern Ocean to protect ocean ecosystems
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