

Global GHG emissions pathway: image full text description

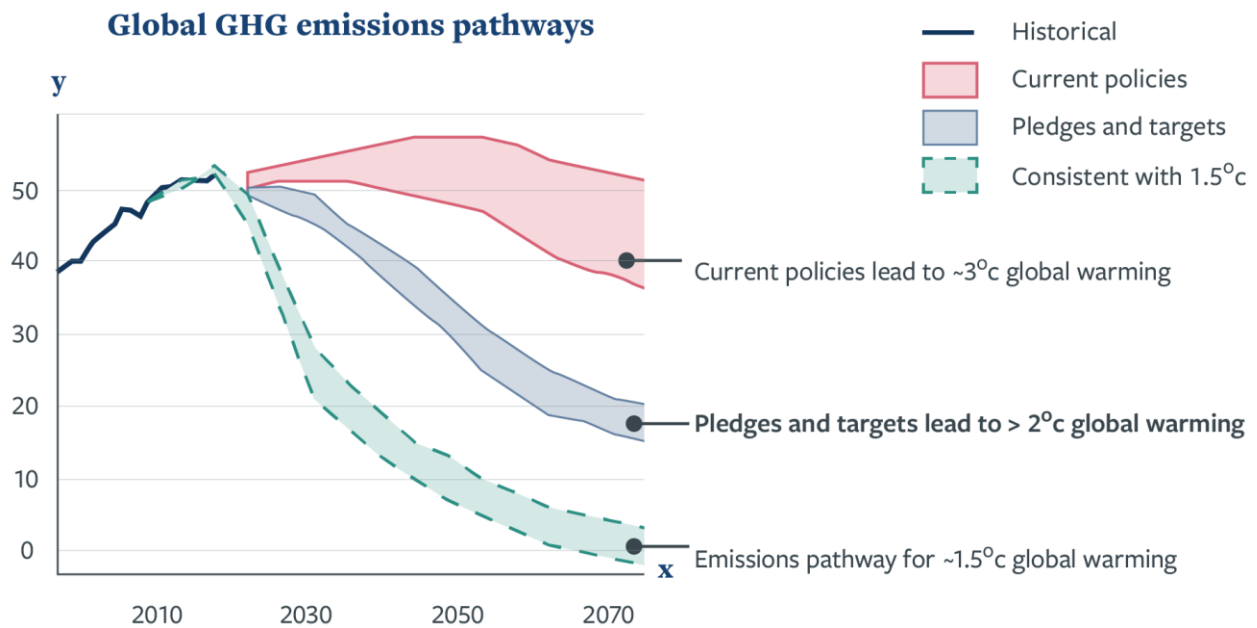


Image description

The image is a chart depicting global greenhouse gas (GHG) emissions pathways. The x-axis represents years (2010-2070), and the y-axis represents emissions in Gt (gigatonnes) units. The graph includes historical data, current policies, pledges and targets, and an anticipated emission pathway which illustrates projected temperature increases associated with these different scenarios.

A dark navy-blue line (upward) illustrates historical GHG emissions, reaching an estimated total of over 50Gt at the present. However, a light salmon-pink shaded area shows projected emissions under current policies, which would bring global GHG emissions below 50Gt by the end of 2070, resulting in approximately 3°C of global warming. Whereas a light-grey shaded area shows emissions under pledges and targets, projected to cause more than 2°C global warming by reducing the GHG emission below 20Gt within the timeline.

Finally, a light teal-green shaded area with dotted boundary shows emissions pathway consistent with limiting global warming to approximately 1.5°C which could be achieved by lowering the emission below 5Gt (upper limit) and 0Gt (lower limit).