

RESOLUTION to RESTORE THE CLIMATE

Presented by the Marin County CARA Action Team (CAT)

WHEREAS, Humanity has an obligation to future generations to restore and maintain a safe climate that humans have actually survived long term; and

WHEREAS, The human species has never before lived with sustained atmospheric carbon dioxide (CO₂) levels above 300 parts per million (ppm); and

WHEREAS, Today's atmospheric CO₂ concentration is approximately 420 ppm, 40 percent higher than in preindustrial times, resulting in serious and worsening impacts on climate, agriculture, and business; and

WHEREAS, The United Nations Framework Convention on Climate Change set its climate goal to stabilize greenhouse gas (GHG) levels in 1992, when the atmospheric CO₂ concentration was 350 ppm, which is the maximum level theorized to sustain life as we know it; and

WHEREAS, Achieving the commonly discussed target of “net zero by 2050” would still produce atmospheric CO₂ concentrations above 450 ppm—more than 50 percent higher than has proven safe for humans long term;

WHEREAS, An atmospheric CO₂ concentration of 450 ppm would correspond to a global average temperature rise of more than 1.5 degrees Celsius; and

WHEREAS, “Climate restoration” refers to 1) the goal of restoring the atmospheric CO₂ level to that which humans have survived long-term (below 300 ppm) and 2) actions required to achieve this CO₂ level; and

WHEREAS, Restoring the atmospheric CO₂ concentration to a safe level, below 300 ppm, by 2050 will require removing approximately one trillion tons of legacy CO₂ from the atmosphere, or 50 billion tons of CO₂ per year for 20 years; and

WHEREAS, Nature has removed roughly one trillion tons of CO₂ from the atmosphere 10 times in the last million years, primarily via photosynthesis in the ocean preceding each ice age; and over a longer period, has stored more than 99 percent of Earth's CO₂ in limestone; and

WHEREAS, Climate justice requires climate restoration because low-income communities are the first and most impacted by climate change;

WHEREAS, Climate restoration will benefit Americans by reducing loss and damage from floods, storms, droughts and wildfires, while producing positive effects on human and ecosystem health, the insurance industry, and jobs in agriculture and other sectors;

Now, therefore, be it Resolved

That CARA recognizes our obligation to future generations to work to restore a safe climate and declares climate restoration a priority goal of our organization, ***and be it further resolved***

That CARA works to support local, state, and federal legislation to propose a climate treaty that would restore and stabilize greenhouse gas levels as a common climate goal.