

## What is the Climate Stick Project, Inc.? (From FAQ)

The Climate Stick Project, Inc. is a Michigan non-profit corporation that exists to educate people about the harm from the burning of fossil fuels and to support conservation and the development of sustainable energy.

## What is a Climate Stick?

The Climate Stick is a teaching tool that helps with the education needed to eliminate fossil fuel burning, achieve sustainable energy production and conserve energy in these ways:

- The physical Climate Stick is marked so that the increase in the amount of CO<sub>2</sub> in the earth's atmosphere from human activity is displayed for use in discussions about climate change
- A pendant or pin version of the Climate Stick (made of plant material) is used to communicate a person's membership in the mass movement to end the burning of carbon
- Donations for Climate Stick pendants, pins and apparel help pay for Climate Sticks and to support the educational activities of the Climate Stick Project.

## More details about the Climate Stick (From Simple Climate Stick Facts)



RED and YELLOW are CO<sub>2</sub> from burning the carbon on the books of the fossil fuel industry. As temperature increase approaches 58.6°F (As the YELLOW approaches the RED) the ability of world food production to meet human needs will be drastically reduced.

YELLOW is the maximum amount of CO<sub>2</sub> that the atmosphere can hold before heating makes agriculture unsustainable. Predictions are that we have 6 years to end the burning of carbon (by 2025) so that we do not reach the RED by 2039 plus or minus 5 years.

YELLOW line (past in 1988) is 350ppm of CO<sub>2</sub>, the maximum level of CO<sub>2</sub> that sustains our human population.

BLACK is CO<sub>2</sub> added by humans burning carbon since 1804 (1 billion population) reaching 414ppm in May 2019 with temperature increase of 1.6°F.

GREEN is CO<sub>2</sub> at 275ppm that supported human population growth for 800,000 years with an average temperature of 55°F.