

Imagine Reversing Climate Change

2050kids Case for Support



Healthy People.
Healthy Communities.
A Healthy Planet.

“Tomorrow belongs to the people who prepare for it today.”

-African Proverb

What would the world look like if we could reverse climate change?

2050kids envisions a future where youth-initiated actions today create a future free from the burdens of catastrophic climate change, poverty, and inequality.

Our programs engage youth and communities with highly inventive, sustainable solutions that reverse the processes of climate change, thereby advancing the opportunity for new systems to flourish.



Let's shoot for amazing

WHY 2050?



By 2050, 9.7 billion people will face unprecedented disruptions to vital ecological and social systems:

- Billions of people risk displacement
- 75% of the world population face the possibility of severe water shortages
- Over 1/3 of all plant and animal species face extinction

2050kids champions a world free from these disruptions, a world where people and the planet coexist and prosper.

By 2050, climate stability, forest ecosystems and soil productivity - problems that are evident now - will become unendurable. 2050kids' strategy transcends conventional solutions which call for reducing greenhouse gas emissions and rates of deforestation.

Our strategy emphasizes culturally-relevant problem solving in climate-challenged environments. Our program design inspires and energizes youth to create unique responses guided by ideas such as:



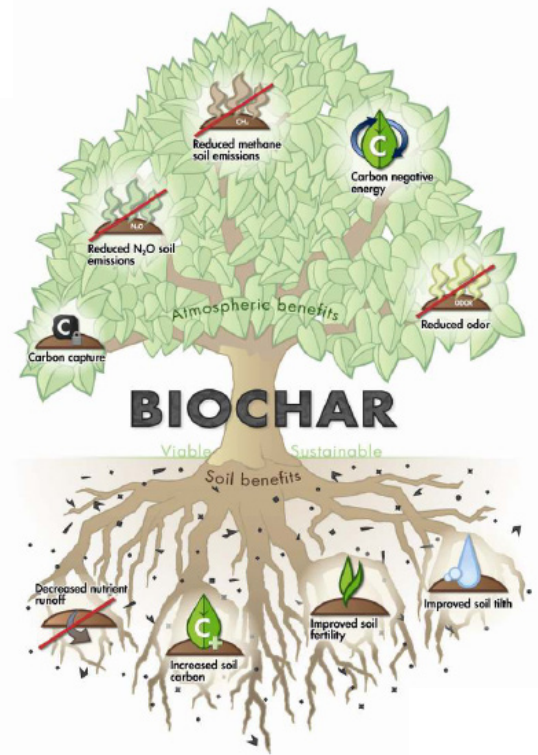
- Locally available resources can be harnessed to revitalize community environments, health and economies
- Sustainable local economies can be informed by both new and Traditional Environmental Knowledge
- Excess atmospheric carbon can be captured and used to replenish soil and ecosystems

The 2050kids solution

2050kids' initial projects involve biochar, a type of charcoal which is both easy to produce and yields tremendous benefits. First used by Native Americans, biochar can sequester carbon for thousands of years. Scientists suggest that, if used on a large enough scale, biochar could remove up to 2.2 gigatons of carbon from the atmosphere annually by 2050.

Our initial biochar projects will work with individuals and their communities to:

- Revitalize soil to boost agricultural yields
- Expand access to nutrient-rich food and clean water
- Overcome indoor air pollution



The 2050kids Biochar Cookstove Project will guide people to make their own simple, highly efficient biochar producing cookstoves.

Our Climate Rescue Can Cookstoves are built using simple hand tools from easily accessible or salvaged materials. The stoves produce high quality biochar and are available in two sizes, allowing for 25 to 50 minutes of cook time.

The cookstove is the hub of a revolutionary shift addressing 13 UN Sustainable Development Goals. The project provides easy-to-follow background information and step-by-step guides for:

- Building and using a Climate Rescue Can Cookstove
- Preparing renewable fuels
- Correctly using biochar to restore soils, abate deforestation, and sequester carbon



Future projects will support widespread scaling of these solutions using local economic innovation.

Join us

What would the world look like if we could reverse climate change?

Bold action requires bold commitments. We invite you to join us in re-imagining and re-shaping the future.



Your contribution will support the launch and scaling up of community-based projects around the world - projects which are connected by their aspiration to transcend traditional models of development.

Donate today. 100% of your donation goes directly to funding our projects.