

# CLIMATE SOLUTIONS TO STOP AND REVERSE GLOBAL WARMING

## THE GLOBAL PROJECT DRAWDOWN FROM UNITED STATES

Since 2014 the [Global Project Drawdown®](#) created in the United States, has been working to measure, model and communicate the most substantive global solutions to stop and reverse global warming.

The Global Project Drawdown originated from the work started by the activist and entrepreneur Paul Hawken to elaborate the book [Drawdown: The Most Comprehensive Plan Ever Proposed to Reverse Global Warming](#). This work was started in 2013 and has brought together over 65 researchers from across the globe with 128 experts in climate and sustainability coming from academia and business. Together this group developed a unique global systems model, evaluating more than 80 technologies and practices from the ground up, from innovative energy and agricultural methods to enhanced environmental conservation and restoration. The results showed that these 80 solutions as a whole could eliminate 1 trillion tonnes of CO<sub>2</sub> from the atmosphere by 2050, enough to prevent the dangerous climate tipping point of 2 degrees Celsius. Moreover, these solutions would cost less and produce more jobs than business as usual.

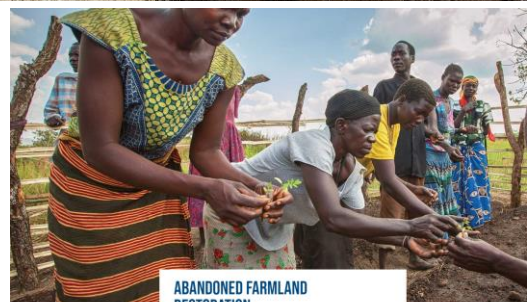
The extraordinary conclusions of their work were that stopping global warming is possible with solutions that exist today. All solutions considered are not just hypothetical. They are real, well-understood technologies and processes that can be scaled around the world.

The Global Project Drawdown was born from this result and its aim is to contribute to achieve drawdown, the point when greenhouse gas levels in the atmosphere primarily build up from the burning of fossil fuels as coal, oil, and natural gas, start to decline.

[The website presents the 82 Climate Solutions](#) already reviewed and assessed by the Project Drawdown. Each Climate Solution is presented through a Technical Summary, data on its impact on reducing heat-trapping gases and a *technical assessment references* document which contains an extensive bibliography on the subject.

All Climate Solutions can be also entered by the sections of the website that present the sectors in which they are framed: [Electricity](#), [Food, Agriculture, and Land Use](#), [Industry](#), [Transportation](#), [Buildings](#), [Land Sinks](#), [Coastal and Ocean Sinks](#), [Engineered Sinks](#), [Health and Education](#).

This list is extensive but not exhaustive, and the Project Drawdown will continue to add its new reviewed and assessed Climate Solutions.



ABANDONED FARMLAND RESTORATION



BAMBOO PRODUCTION



MICROGRIDS



ELECTRIC BICYCLES

Founded in 2014 in San Francisco, United States, the Global Project Drawdown® is a nonprofit organization that seeks to help the world reach “drawdown”, the future point in time when levels of greenhouse gases in the atmosphere stop climbing and start to steadily decline.

The Project continues to develop its work by conducting rigorous review and assessment of existing climate solutions that could create an even greater reduction in greenhouse gases, by developing compelling communication across media and different initiatives to accelerate their use at global level. With the aim of supporting the growing efforts to move climate solutions forward, the Project works in collaboration with cities, universities, corporations, philanthropies, policymakers, communities, educators and activists. The website presents the set of scientific, educational and training activities in progress.

The climate solutions assessed by the Drawdown Project are local and global. These solutions include practices ranging from the recovery of traditional knowledge to solutions created by innovative companies and the world of research. The website highlights that transition to clean energy presents opportunities for education and employment for communities everywhere and [invites all interested actors to join the project](#) and to sign up to receive the email newsletter.

### To know more

[Project Drawdown](#)

[Table of Solutions](#)

[Project Drawdown in Facebook](#)

[TheDrawdownReview - 2020 Publication.pdf](#)

[Publications - Project Drawdown](#)

[Project Drawdown Training - 100 Solutions to Reverse Global Warming](#)

[Drawdown Europe](#)



MICRO WIND TURBINES



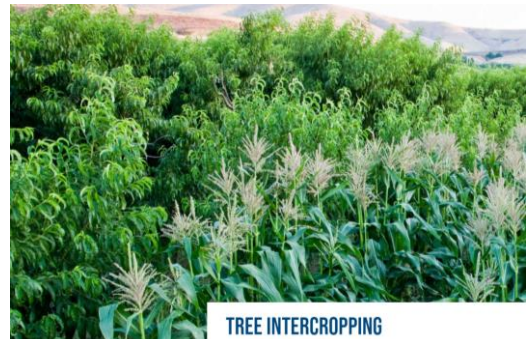
ALTERNATIVE CEMENT



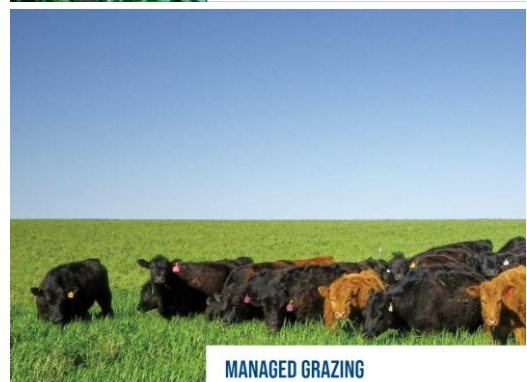
WASTE-TO-ENERGY



COMPOSTING



TREE INTERCROPPING



MANAGED GRAZING