# The Climate Literacy Collaborative Presents: Food Choices as Climate Solutions

Our food and agriculture systems play an outsized role in climate change, accounting for approximately 26% of heat-trapping gas emissions.

Our food systems contribute to climate change at each stage of its life cycle, from growing and transporting food to food waste. By taking action now, we can reduce harmful carbon emissions and ensure stable and healthy food is available to all.
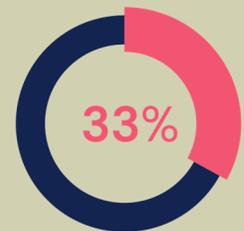
Food Systems and Climate Change
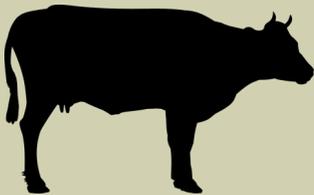
Livestock, especially cattle, contributes 14.5% of all heat-trapping gas emissions from human activity

Emissions from plant-based products are as much as 10-50% lower than animal-based products

33%

One third of all food is wasted, resulting in approximately 8% of global heat-trapping emissions

Protecting People and The Planet

Improved Food Security

By focusing on local foods and waste reduction, communities have greater access to food and resources

Reductions in Land and Water Use

Eating a plant-based diet has the potential to reduce agricultural water and land use by 50% and 80%, respectively

Lowered Carbon Emissions

Switching to a plant-based diet can reduce an individual's carbon footprint by as much as 73%

The Marine Mammal Center®

For more information on the Climate Literacy Collaborative, visit MarineMammalCenter.org/Climate-Collaborative

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Want More Background Information?

Our World in Data has produced graphics and synthesized data identifying the impact of food choices on the environment: <u>Environmental Impacts of Food Production</u>.

Get Started Today With Solutions:

Check out your local farmers markets! Groups such as <u>Foodwise</u> host a wide range in the San Francisco area, and <u>Local Harvest</u> is a nationwide searchable database to find farms and markets near you!

Want to create change within the food system at your school? The Chef Ann Foundation has an advocacy tool kit to help you get educated and organized: <u>School Food Advocacy Toolkit</u>.

Looking to have your school or business make the switch to more plant-based meals? Meatless Monday has graphics, resources, case studies and guidance on how to get started: <u>Start a Meatless Monday Campaign</u>.

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Additional Climate Solution Resources

Looking for a food challenge? Foodprint has developed a 4-week challenge to help guide you on a journey to adopt more sustainable food practices: Reduce Your Foodprint Challenge.

Want to visualize the impact that food choices can have on the environment? Meat Free Monday has developed an interactive calculator to help: Meat Free Monday Impact Calculator.

Trying to get schools to cut down on food waste? NOAA's Biggest Reducer program has tools and resources on how to implement in your community: The Biggest Reducer Program.

Want to encourage students and schools to grow local foods? The School Garden Doctor program and the School Garden Network have resources to help you get started.

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