



Sustainable Food Systems Solutions





Learning Outcomes

- Examine how altering components of the food system can act as effective climate and environmental solutions
- Consider how students can help develop and be involved in implementing these solutions





Agenda

- Sustainable food systems solutions overview
- Food system solutions each one, teach one



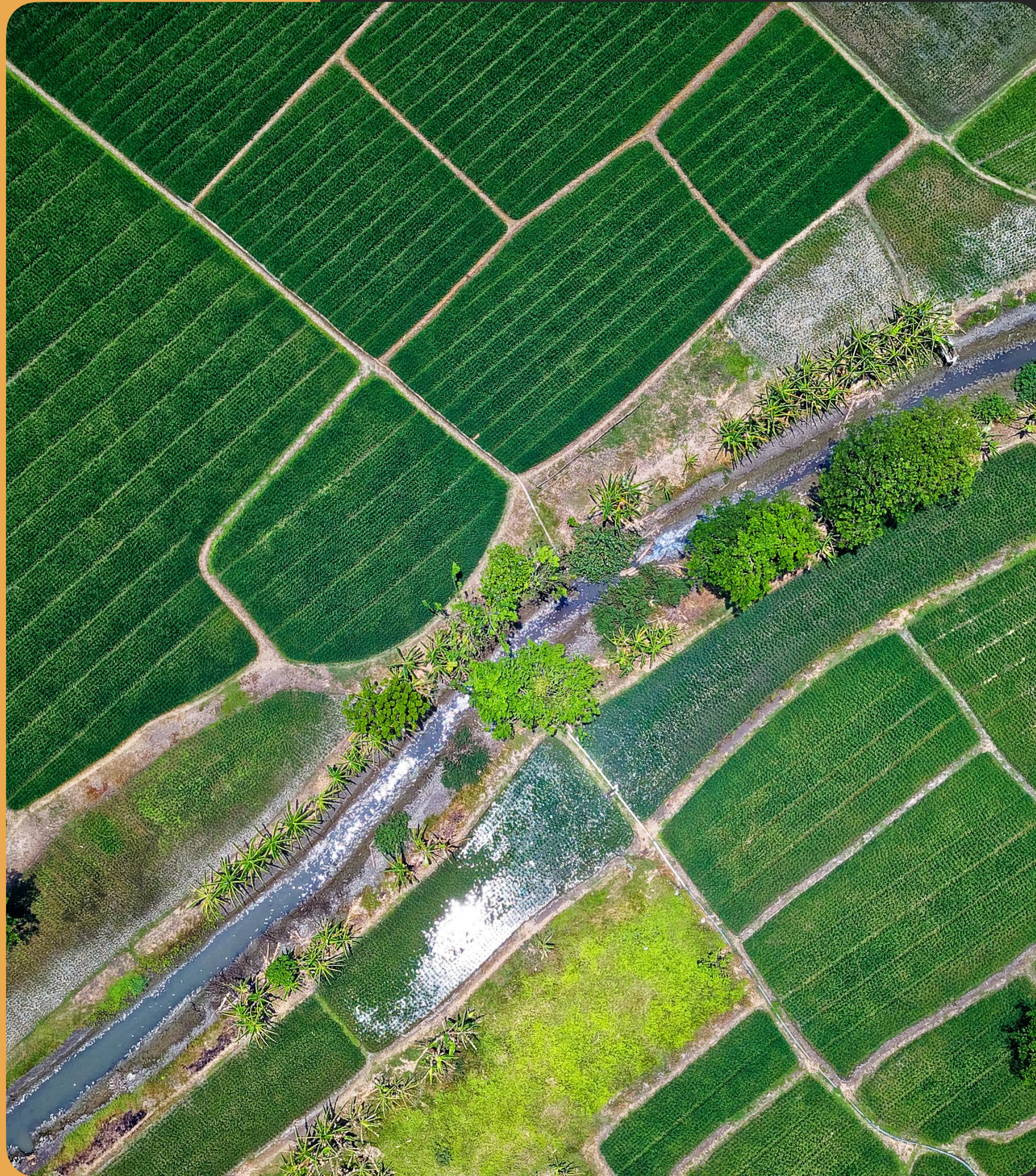


Sustainable Food System Solutions Overview

Check Project Drawdown's list of solutions in the agriculture and land-use sector by clicking the link and scrolling down to "Solutions In This Sector":

[Project Drawdown: Food, Agriculture, and Land Use](#)





Sustainable Food System Solutions Overview

Do we already have the capability to implement many solutions in the agriculture and land-use sectors? And would they have a massive positive impact on environmental sustainability?

Yes!

Choices we make related to food systems are some of the most powerful ways to positively impact our environment and they are choices we make daily.



Each One, Teach One

Brainstorm different ways we could make components of the food system more sustainable.

- Production and harvest
 - [A Food System to Heal the Planet](#) (3 mins)
- Distribution
 - Local food systems, such as [community farming and cafe in Arizona](#) (13 mins)
- Processing and packaging
 - Packaging - [10 promising ideas to reuse packaging | Circular economy examples Sustainability](#) (7 mins)
 - [How to Reduce Food Packaging Waste](#)
- Purchasing
 - [Palm Oil Scorecard](#)
- Consuming
 - Diet choice - [The diet that helps fight climate change](#) (6 mins)
- Disposing
 - Composting - [Why Composting is Important](#) (4 mins)
 - Vermicomposting - [Vermicomposting: How worms can reduce our waste - Matthew Ross](#) (4 mins)



Each One, Teach One

Respond to the following questions, and then share with the group.

- What, if anything, can you do personally to make this component of the food system more sustainable?
- What systemic/policy changes would make this component more sustainable?
 - How can those be implemented?
 - What barriers exist to the implementation of these changes?
- What could we do as a community to make this component more sustainable?
- How could we design and implement a community project to address the environmental impact of this component on our community?



Additional Resources

- [How to Feed the World & Shrink Our Climate Footprint | Navin Ramankutty for Project Drawdown](#): Project Drawdown - Dive into food systems and solutions from the importance of voting and youth climate action to regenerative agriculture with Ramankutty, a scientist focused on ways to feed humanity with minimal global environmental footprint.
- [Food Waste Hierarchy](#): Institute for Local Self Reliance - This diagram highlights the importance of locally based composting solutions as a priority over large-scale regional solutions.
- [How a school's food waste can feed the community | Hanna Wondmagegn | TEDx East Mecklenburg High School](#): TEDx Talks - Hanna explains how she created a program at East Mecklenburg to help kids who don't have enough to eat every day and why every other school should consider creating a similar program.
- [Understanding School Food Share Tables](#): StopWaste - Join American High School students in Fremont, California, as they discuss the issue of wasted food and how their school is addressing it through an innovative food share table program.
- [Re:wild Your Fridge](#): Rewild - Shifting your diet can decrease demand for industrial animal agriculture and increase demand for plant-based products that support global biodiversity - aka the WILD





Contributors

Walking Softer would like to thank Richard Flammer and Juliana Dalesio of Hidden Resources and Joshua McGuire for contributing to the sustainable food systems learning materials.



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