

Climate Change - Iowa is on the Frontline

We need a 100% clean economy and that starts right here in Iowa.

Climate change is not a distant threat. It's impacting our economy, our health and our environment. Heavy downpours have increased 28% statewide, and 86% in Des Moines, since 1950. Mosquito seasons are expanding.



If we don't act, things will get much worse. Twenty-five of Iowa's counties are projected to experience a **35-45% drop in crop yields** by the end of the century, which will be a hard hit on the state given agriculture's key role in the state's economy. Inland **flooding** is projected to **increase by about 20%** by 2050, and [a study found](#) that that the atmospheric conditions that led to **the devastating 1993 floods may become the new normal**.

100% Clean is 100% Achievable. If we're serious about beating climate change, we need to be fully committed to a **100% clean economy**. The U.S. must stop adding climate pollution to the atmosphere -- producing no more climate pollution than we can remove by 2050. **It's an ambitious goal. But it's achievable if we start now. There's no time to waste.**

Across the United States, we're already making progress. Wind power is [almost 70% cheaper](#) than it was a decade ago. Solar is 90% cheaper. Electricity from renewables is now [cheaper](#) than power from 75% of U.S. coal plants. Strategies to reduce emissions and sequester carbon in soil through improved crop management are gaining ground with farmers.

We're already seeing movement toward a net-zero economy in Iowa

- [One-third](#) of Iowa's net electricity generation comes from wind
- Landowners in Iowa make [over \\$20 million total](#) per year from wind farms on their property
- The state is working to decrease nutrient runoff, which contributes to the formation of nitrous oxide, a potent greenhouse gas. These efforts including [\\$512 million](#) in public and private resources spearheaded by the Iowa Department of Agriculture and Land Stewardship in 2018 to reduce nutrient loss to the water and air.
- The state has been investing significantly in education and cost share to help farmers adopt cover crops to build soil health and boost carbon sequestration in the state since 2011, reaching an estimated [760,000 acres](#) in cover crops, as of 2017.

As climate pollution continues to increase, we need bold action from Congress to create a 100% clean economy and help Iowa and the country reach its potential.

Here's what you can do to help grow a 100% clean economy:

Contact your elected officials: They need to know you support a 100% clean economy.

Join EDF at edf.org/signup: We'll help you get involved

Talk to your employer: Check out Defend Our Future's [guide](#) to corporate engagement to find out how your voice can be the tipping point that helps companies raise their ambition on climate.

Hold an event: Get your friends together and spread the word. Check out this [guide](#)