
Tackling the Climate Crisis: How You Can Make a Difference

There's a lot of grim news about climate change, which American Diversified Energy (ADE) tracks and posts links to articles on a daily basis to the *Climate Crisis News* Facebook page: (<https://www.facebook.com/climatecrisisNEWS/>)

But there is good news – and hope – as well.

ADE and the Alternative Fuels & Chemicals Coalition (AFCC), which ADE co-founded with the Kilpatrick Townsend & Stockton (KTS) law firm, are actively engaged in advancing technological and political solutions to the climate crisis.

- **ADE** exists to help commercialize innovations and carry out cutting-edge projects. Its team of subject matter experts and partner companies can assist with advancing and financing virtually any type of breakthrough project. See: <http://www.americandiversified.energy/>
- **AFCC** is a 501(c)6 organization that advocates in the U.S. Congress and with federal agencies and states for public policies to promote the development and production of alternative fuels, renewable chemicals, biobased products, and sustainable aviation fuels. AFCC also is actively involved in ensuring that federal programs that can address the climate crisis receive adequate funding. See: <https://www.altfuelchem.org/>

The Problem: The attachment which accompanies this cover sheet lists some of the most disturbing articles that have been posted on the Climate Crisis Facebook page in just the past few weeks.

The Solution: The attachment also provides a list of 8 recent developments that provide significant hope and opportunities to address the climate crisis. *ADE and AFCC are engaged in 5 of these, including 2 in which ADE and AFCC have taken leadership roles.*



ADE and AFCC are working to expand their efforts so that they can do even more to address the climate crisis. ADE is seeking investors and AFCC is seeking sponsors to help do this. Sponsorships begin at \$5,000 and investments begin at \$10,000. You can sponsor AFCC or make an initial \$1,000 investment in ADE [online](#).

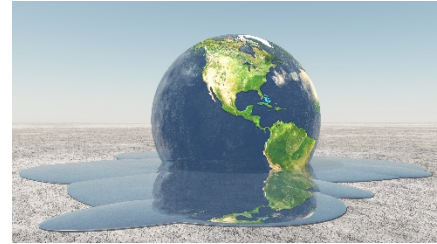
Your investment will allow you to have a direct impact on actions that will address the climate crisis.

For more information on how you can make a difference by becoming an investor or sponsor, please email cj@ade.llc or call 202-750-0007.

Tackling the Climate Crisis: How You Can Make a Difference

The following two lists explain:

- **The Climate Crisis Problem:** This list includes 10 of most disturbing articles that have been posted on the Climate Crisis Facebook page in the past few weeks (all since November 15, except for one particularly alarming article included from May 2019).
- **Eight Climate Crisis Solutions:** This list describes 8 recent developments that provide significant hope and opportunities to address the climate crisis. ADE and AFCC are engaged in five of these, including two in which ADE and AFCC have taken leadership roles.



ADE and AFCC are working to expand their efforts so that they can do even more to address the climate crisis.

Please see the last page for a description of how you can have a direct impact on actions that will address the climate crisis.

THE PROBLEM

Here are some of the most disturbing articles that have been posted on the Climate Crisis Facebook page in the past few weeks:



1. **Climate Change Forces 1 Person From Their Home Every 2 Seconds, Report Finds,** [View article.](#)
2. **Warming Toll: 1 Degree Hotter, Trillions of Tons of Ice Gone,** [View article.](#)

3. **The New Climate Math: The Numbers Keep Getting More Frightening,** [View article.](#)

4. **The Climate Science Is Clear: It's Now or Never to Avert Catastrophe,** [View article.](#)



5. **Climate Change Is a Financial Crisis, Too,** [View article.](#) Also, see Climate Change Might Hit the Economy Harder and Faster Than Thought, [View article.](#)





6. One million Species Face Extinction, U.N. Report Says. And Humans Will Suffer as a Result, [View article](#). Also, see 400,000 Insect Species Face Extinction, [View article](#).

7. Climate Change is Driving the Entire Planet to Dangerous 'Tipping Point.'



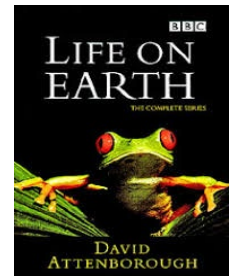
Scientists "don't think people realize how little time we have left," to stop irreversible and disastrous changes to Earth's climate systems. But there is hope, [View article](#).

- Sea levels are rising more than expected, according to scientists, [View article](#).
- Soil in the Arctic Is Now Releasing More Carbon Dioxide Than 189 Countries, [View article](#).



- 945 Toxic Waste Sites at Risk of Disaster From Climate Crisis, [View article](#). Also, see At least 60% of Superfund sites vulnerable to climate change, congressional watchdog warns, [View article](#).
- 'Bleak' U.N. Report on a Planet in Peril Looms Over New Climate Talks, [View article](#).

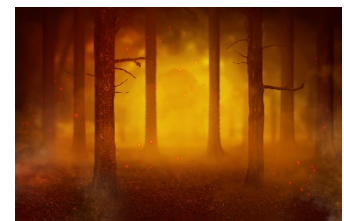
- Sir David Attenborough says it's 'too late' to reverse climate change, [View article](#).
- Several active 'tipping points' of irreversible change in the world's climate system threaten to unleash a global cascade of events that amounts to a planetary emergency, scientists warn - New Scientist, [View article](#).



- Scientist's theory of climate's Titanic moment is the 'tip of a mathematical iceberg', [View article](#).
- What You Need To Know From The Recent Findings of 7 Big Climate Reports, [View article](#).

8. Earth's Carbon Dioxide Levels Have Hit a 3 Million Year High, [View article](#).

9. Countries Are Burning from Siberia to Australia: the Age of Fire is the Bleakest Warning Yet. It Is Time Not Only to Think the Unthinkable, But to Speak it: the World Economy, Civilization, and Maybe Our Survival as a Species Are on the Line, [View article](#).



10. Editorial: The World Refuses to Slow Its Suicidal Course Toward Catastrophic Climate Change, [View article](#).

- The five corrupt pillars of climate change denial, [View article](#).
- Why science failed to stop climate change, [View article](#).

- Frustrated advocates increasingly turn to the courts to fight climate change. The rising tide of litigation could represent a new front in the fight to limit the harm from climate change, [View article](#).



THE SOLUTION

Here are 8 positive things that are occurring and offer significant hope. ADE and AFCC are actively engaged in 5 of these (indicated below by an Asterix *), including 2 in which ADE and AFCC have taken leadership roles (indicated by a double Asterix **):

1. There is growing awareness and activism around the climate crisis:

- A majority believe US government is doing 'too little' to fight climate change: study, [View article](#).
- America Cares About Climate Change Again: Climate Change Advocates are on the March, [View article](#).
- Poll: Young Republicans Break With Party on Climate Change, [View article](#).
- Greta Thunberg condemns world leaders in emotional speech at UN, [View article](#).



- Jane Fonda steps up climate fight as part of 'Fire Drill Friday,' [View article](#).
- 25 Climate Movers and Shakers in Entertainment, [View article](#).
- John Kerry has launched a star-studded climate coalition – “World War Zero,” [View article](#).
- Millions Around the World Strike on Black Friday for Action on Climate Change, [View article](#).
- For further information on the international, national, and local actions that are being taken to address the climate crisis, see the [Wikipedia List of climate change initiatives](#).

2. *More than 250 news outlets around the world have committed to

#CoveringClimateNow in a major initiative launched by Columbia Journalism Review and the Nation in collaboration with The Guardian, the project’s lead media partner, [View Columbia Journalism article](#) and [View the Nation article](#).

- *See the latest articles that are posted on a daily basis on the [Climate Crisis News](#) Facebook page.



3. Climate spending commitments have jumped 54 percent this year; 10 banks and financial institutions committed to spending \$1.27 trillion on climate-related investments by 2030, [View article](#).

- Big money urges governments to tackle climate change, [View article](#).
- Tackling the climate crisis is what we should be doing, says new International Monetary Fund boss, [View article](#).
- Foundations are making climate change a bigger priority, [View article](#). Also, see Climate Change Funders, [View article](#).



4. Divestment and withdrawal of insurance for fossil fuel projects is accelerating:



- Institutional investors and groups from around the world have shifted \$11 trillion in investments out of fossil fuels, as of September 2019, [View article](#).
- European Investment Bank to phase out fossil fuel financing; EU's lending arm will become the first 'climate bank' by ending financing of oil, gas, and coal projects after 2021, [View article](#).
- Coal power is becoming 'uninsurable' as firms refuse coverage, [View article](#).
- Climate change: Firms failing to tackle crisis will be delisted from London stock exchange, Labour says, [View article](#).

5. **There is an accelerating pace of development of new technologies and processes to address the climate crisis:

- **See [ADE's Newsbriefs page](#), where articles on new breakthrough technologies and energy innovations are posted on a daily basis.
- **See [the services ADE offers](#) to facilitate technological advancements and carry out projects.
- U.S. Department of Energy Launches Plastics Innovation Challenge, [View article](#). Also, see A running list of action on plastic pollution, [View article](#).



- The cost of almost every source of green energy can now compete on cost with oil, coal, and gas-fired power plants. Moreover, nearly 3.3 million Americans now work in clean energy, outnumbering fossil fuel workers by 3-to-1



- ✓ Renewable Energy Costs Take Another Tumble, Making Fossil Fuels Look More Expensive Than Ever, [View article](#).
- ✓ Renewable Energy Job Boom Creates Economic Opportunity As Coal Industry Slumps, [View article](#).

6. ****There is more than \$54 billion available in existing federal funding programs and loan authority to stimulate innovation and support the development and commercialization of new technologies:**

- ******See the *Federal Funding Directory* compiled by ADE, which lists the federal funding opportunities that are available to move a new idea, concept, innovation, or technology through each of the nine Technology Readiness Levels (TRLs) from concept to commercialization, [View ADE's directory of federal funding assistance to stimulate innovation and develop new technologies](#).



- ******Explore the federal and state sources of funding that are available to spur the development and commercialization of breakthrough technologies and mitigate climate change, [View the resources available that are summarized on ADE's Find Funding page](#).



- ******See the advocacy carried out by AFCC that played a key role in maintaining (and increasing) fiscal year 2020 funding for 51 federal programs that support the bioeconomy and efforts to address the climate crisis that were threatened by elimination or severe cuts in the FY2020 Budget submitted to Congress by President Trump, [See AFCC's FY2020 appropriations page](#) to view the federal programs that were at risk, their prior year funding amounts, AFCC's funding level requests for which AFCC advocated, and the resulting appropriations passed by the U.S. House of Representatives and included in the Senate appropriations.
- US Climate Finance Improves with 2019 Budget, But There Still is a Long Way to Go, [View article](#).

7. ***The House Select Committee on the Climate Crisis,**

<https://climatecrisis.house.gov/>, has been collecting comments and suggestions for the past several months of actions that the committee can take to make the federal government more resilient and responsive to the climate crisis and better target federal expenditures and investments to measures to mitigate the impacts of the climate crisis.



- *****ADE provided comments to the committee in November 2019 and both ADE and AFCC will be actively involved in working with the committee and its professional staff to assist with and advocate for the initiatives that the committee puts forward.

- Natural gas companies call for carbon tax: A leading natural gas trade association came out in support of carbon taxes Tuesday [December 2, 2019], as pressure increases on the oil and gas industry to better work with government on addressing climate change, [View article](#).
- Why IBM Is Joining the Corporate Chorus Calling for a Carbon Tax, [View article](#).

8. There are several solutions that can be implemented immediately; all it takes is the *political will to do so:

- There are 5 Things Countries Can Do Immediately to Significantly Lower Emissions, [View article](#).
- How to Cut U.S. Carbon Pollution by Nearly 40 Percent in 10 Years, [View article](#).
- 20 things we could do right now to reduce climate change and prevent extreme poverty, [View article](#).
- The Time is Now: 6 Things We Must Do About Climate Change, [View article](#).
- 10 simple ways to act on climate change, [View article](#).



PLEASE JOIN US IN BEING A PART OF THE SOLUTION

ADE and AFCC are working to expand their efforts, which are indicated above by single (*) and double (**) Asterix, so that they can do even more to **address the climate crisis**. ADE is seeking investors and AFCC is seeking sponsors to help us do this. Sponsorships begin at \$5,000 and investments begin at \$10,000. You can sponsor AFCC or make an initial \$1,000 investment in ADE [online](#).

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