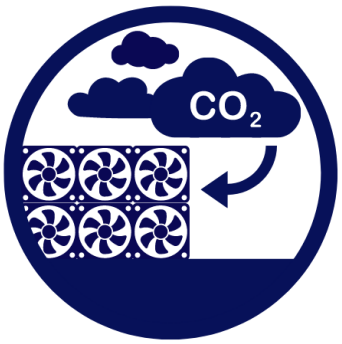
# Federal Carbon Dioxide Removal Leadership Act

**117th Congress**

**Sponsors: Rep. Paul Tonko (NY-20) & Scott Peters (CA-52)**




*"We must use every tool at our disposal to meet the challenge of the climate crisis, and carbon removal will be a vital part of this comprehensive approach."*

❖ **Paul D. Tonko**

*"We are on the clock to address the climate crisis, and advancing carbon removal is unequivocally a step toward a forward-looking clean energy economy."*

❖ **Scott Peters**

## CO2 removal is key in fighting climate change

- To address the climate crisis, we must rapidly reduce greenhouse gas emissions and remove excess carbon emissions already in the atmosphere.
    - The Intergovernmental Panel on Climate Change recently confirmed this fact, stating that the deployment of carbon dioxide removal (CDR) technologies and processes will be "unavoidable if net zero CO2 or GHG emissions are to be achieved."
- The United States stands to be a global leader in CDR due to its vast geological storage potential and technical expertise.
- Carbon dioxide removal can be accomplished through natural and technological means, and we will need both to achieve our climate goals.
- On the technology side, carbon removal solutions remain nascent and expensive.
    - One major reason for this is a lack of a long-term demand signal for carbon removal.

## Congress must take bold action now!

- The Federal Carbon Dioxide Removal Leadership Act addresses the problem of demand uncertainty by creating a sustainable, long-term market for direct air capture and other technology-based carbon removal solutions.
- Congress can implement this legislation and, in doing so, help deploy innovative carbon removal projects across the nation, create tens of thousands of good-paying jobs, and boost economic development in energy communities.

### The Federal Carbon Dioxide Removal Leadership Act of 2022:

- Requires the Department of Energy (DOE) to remove an increasing amount of carbon dioxide emissions using direct air capture or other technology-based removal solutions;
- Ensures best practices for monitoring, reporting, and verifying carbon removals and for robust public engagement;
- Sets a declining per-ton price ceiling to incentivize cost reductions over time and give flexibility for DOE to invest in nascent technologies with high carbon removal potential;
- Creates a set-side for newer CDR technologies to promote a broad portfolio of technologies;
- Prioritizes domestic job creation, environmental justice, innovative technologies, and community benefits.