

The DAC Dispatch



Direct Air Capture
Coalition

*Welcome to The DAC Dispatch, the monthly newsletter from the DAC Coalition,
keeping you up-to-date with the evolution of all things DAC.*

February 2023

February saw a paradigm shift in the world of DAC-to-concrete with DAC Coalition members Heirloom and CarbonCure teaming up to show the world how the future of the cement industry can be carbon negative. Whereas New Jersey signed the Low Embodied Carbon Concrete Leadership Act to incentive low-carbon concrete through a performance-based tax credit.



Coalition Updates

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DAC Companies

[8 Rivers - Calcite](#)
[Greenlyte Carbon Technologies](#)
[Removr](#)
[Thalo Labs](#)

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Ecosystem Members

[Carbonfuture](#)
[CORMETECH](#)
[DNV](#)
[Paebbl](#)
[Storegga](#)
[Startup Basecamp](#)

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Stakeholder Partners
and Observers

[Cornell University Atkinson Center
for Sustainability](#)
[Heriot Watt University](#)
[National Energy Technology
Laboratory \(NETL\)](#)



Market Updates


🏢 **National Energy Technology Laboratory (NETL)** Pittsburgh campus will be the home to a [new \\$25m Direct Air Capture Center](#) scheduled to come online in the summer of 2024. The center will be used to test the performance of different components and approaches in various climates.

⚖️ The **Department of Energy (DoE)** awarded [over \\$130m in funding](#) under the Carbon Management and CarbonSAFE Awards. The 33 projects awardees target the removal and permanent geologic of CO2 and/or its conversion into valuable products. In addition to announcing that it will be soliciting inputs in an RFI on [demand-side support measures for clean energy technologies](#) inclusive of carbon removal. The DAC Coalition will be submitting a response in collaboration with a member-led working group.

🗣️ DAC Hubs Update: **Carbon TerraVault** announced it has [assembled a consortium of organizations](#) committed to creating a **California DAC Hub**. The initiative brings together industry, technology, academia, national labs, community, government and labor with Climeworks and Avnos providing the DAC technology. Climeworks have also hinted at a [Louisiana/Gulf Coast Hub](#). Whereas, Climatewire covered [which organizations](#) have thrown their hat in the ring and those who have hinted at participation.

💰 Submissions have opened for the [DAC Pre-Commercial Technology Prize](#) with the Commercial Prize and Pre-Commercial EPIC Prize, due to open shortly. The DoE have allocated \$115m to be split between the three.

💵 UK-based carbon removal VC fund, **Counteract**, closed a [£35m fundraising round](#) led by Anglo American, The Grantham Foundation for the Protection of the Environment, and Extantia Allstars. The London-based outfit has previously invested in DAC Coalition members, RepAir and Parallel Carbon.

 Governor Phil Murphy of New Jersey has signed the [Low-Embodied Carbon Concrete Leadership Act](#). The legislation focuses on both public procurement (leveraging State agencies as the largest purchases of concrete in the jurisdiction) as well as incentivising concrete supplies with a performance-based tax credit.



This is CDR: Adrian Corless (CEO, CarbonCapture)

Carbon removal's leading webinar series, This is CDR by The Open Air Collective, presents CarbonCapture's CEO Adrian Corless to discuss Project Bison and it's technicalities, ambitions and scalable potential.



What We're Reading

1. *A brief history of time...and Class VI wells- [Inject baby inject!](#) (Jack Andreassen, Carbon Miners Club -Substack)*

2. *Polluter pays or tax incentives: how do we fund carbon removal fairly?* - [Toward the effective and fair funding of CO2 removal technologies](#) (Matthias Honegger, *Nature Communications*)
 3. *Putting carbon removals in context, where we are, how far we have to go and why its important* - [Carbon Removal Is Where Green Investment Should Go](#) (Lara Williams, *Washington Post*)
 4. *Is the future of DAC and the energy transition in electrochemistry?* - [What Is Electrochemistry, and Why Is It So Important to a Green-Energy Future?](#) (Ed Ballard, *The Wall Street Journal*)
 5. *A call from industry leaders in an attempt to realign institutional investors on carbon removal* - [Open Letter requesting separate carbon removal targets to Net Zero Asset Owners Alliance \(NZAOA\)](#)
 6. *Reiterating the call for a non-conflicted standards body for carbon removal* - [Industry call for CDR Standards Initiative](#) (Carbon Plan)
-



February's Must Read



From the Ground Up

XPrize and **Carbon180** come together to set the foundations and principles for what it means to anchor the carbon removal industry in environmental justice.

DACC Reports Library



Member Spotlight



CarbonCure and **Heirloom** partnered on demonstrating what a future with carbon-negative concrete could look like by trapping CO2 removed with Heirloom's limestone-based approach into CarbonCure concrete.

Read more about the story [here](#).



Carbon to Value Initiative have opened applications for their 3rd year cohort seeking scalable carbontech solutions to join their world-leading accelerator.

Applications can be found [here](#), deadline is **March 31st**



Aircela received funding from Norwegian maritime shipping giant **Maersk** [to start field testing](#) of Aircela's carbon neutral methanol.



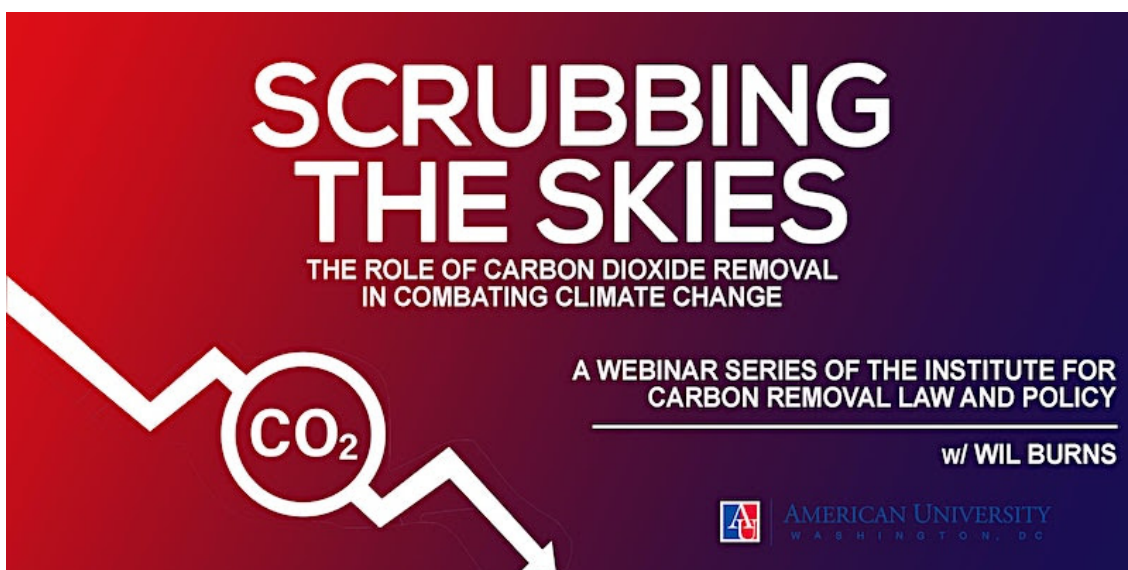
Events



Registration for the inaugural Carbon Unbound summit have opened.

The summit will bring together over 200 global pioneers of engineered and nature-based carbon removal solutions in one of the most important events of the year.

Registration and more info can be found [here](#).



(Webinar) Scrubbing the Skies - Africa's Great Carbon Valley

21st February

In a line-up that features both DAC Coalition Advisor James Mwangi as well as Clare Nelson, Co-founder of DAC Coalition Member Cella Mineral Storage, as they discuss the Kenya's opportunity to become a vanguard in carbon removal.

Register for the webinar, [here](#)



Need a New Role?

Looking to move your career into Direct Air Capture? Check out these positions and more on the DACC Jobs Board!

- [Intern in Plant Operations](#) (Climeworks, Switzerland)
- [Policy Lead, Europe](#) (Patch, EU)
- [Electrochemist/Electrical Engineer](#) (Parallel Carbon, UK)
- [Senior Research Scientist](#) (Heirloom, USA)

All vacancies are made available on the DAC Coalition Jobs Board (powered by Climatebase)

DACC Jobs Board

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