10 THINGS YOU SHOULD KNOW ABOUT FECM

1. Fossil Energy (FE) is now Fossil Energy and Carbon Management (FECM)

The Office of Fossil Energy officially added “Carbon Management” to its name as of July 4, 2021.

2. Our New Name is Our New Vision

The Biden-Harris Administration has put forth ambitious climate and energy goals. In order to meet these goals, we must manage the carbon that comes with the legacy and continued use of fossil fuels. Adding “carbon management” encompasses this vision fully into our name.

3. FECM Tackles Climate Change

We’re rising to the challenge of the climate crisis – and seizing the opportunity to do things better. Our job is – above all – to limit the climate and environmental impacts of fossil fuels.

4. We’re at the Forefront in the Clean Energy Transition

FECM plays an important role in providing solutions that address the climate crisis. We are focused on innovative technologies that will help build a clean energy economy.

5. Science and Research Matter

FECM is working to minimize the social and environmental impacts associated with our dependence on fossil fuels. Our research priorities include point source carbon capture, CO_2 removal, CO_2 conversion into products, reliable CO_2 storage; blue hydrogen production; and critical mineral production from industrial and mining waste.

6. Our Path to Net-Zero Carbon Emissions by 2050

Point source carbon capture and reliable storage (CCS), as well as CO_2 removal from the atmosphere to address our hardest to decarbonize sectors, are essential to get where we need to be – a low-carbon economy at the lowest possible cost.

7. Carbon Capture, Utilization and Storage

DOE is a global leader in the research and development of CCS, carbon removal, reliable storage and the conversion of CO_2 into products. FECM is key to developing and deploying low-carbon supply chains like cement and concrete, steel, paper, fuel, nylon polyester and other important products that we rely on every day.

8. A Clean and Secure Energy Future

Going forward, we also know that sourcing low-carbon hydrogen will be critical to produce fuels and chemicals with CO_2 as a feedstock. And carbon capture has enormous potential to help advance a low-cost and low-carbon hydrogen economy.

9. We’re Committed to Communities

FECM is dedicated to pursuing these important technologies in a way that ensures we can reach our net-zero goals in a just and sustainable way. We’re committed to improving the conditions of communities impacted by the legacy and continued use of fossil fuels, and we envision a clean energy transition that produces good-paying jobs.

10. The Work Continues

Learn more about our evolving work at https://www.energy.gov/science-innovation/energy-sources/fossil

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