

Redefining Climate and Economic Opportunities in Appalachian Coalfield Communities

Fugitive methane from active and abandoned coal mines in Appalachia – where **75% of America's coal mine-related emissions** are concentrated – can be captured and repurposed for clean energy production, offering significant air quality, supply chain, and economic benefits for the region.



REDUCING EMISSIONS

CMM capture projects in Pennsylvania, Virginia and West Virginia could reduce **25.9 million metric tons of CO₂e emissions annually**.

The equivalent of:



2.9B

gallons of gasoline consumed



5.1M

homes' electricity use for one year



6.1M

gas-powered passenger vehicles emit in a year

JOB CREATION AND SUSTAINED ECONOMIC IMPACT



~2,600

average PA, WV & VA jobs supported

5 YEARS



\$225M

average annual GDP contribution over first 5 years



\$175M

in local, state & federal tax payments

~2,800

average PA, WV & VA jobs supported

20 YEARS

\$240.4M

average annual GDP contribution over first 20 years

\$1.1B

in local, state & federal tax payments