

May 23, 2022

Key Points Related to Southwestern PA Hydrogen/Carbon Capture and Sequestration Hub

- Public money should not go to supporting regional hydrogen/CCS hubs that use natural gas or fossil fuels because such investment [locks into place the wrong path for our region's future](#).
- Putting PA residents' health first for infrastructure investments also means putting people first and [putting sound economics first](#).
- Doubling down on fossil-fuel-based infrastructure only puts fossil fuel special interests first, not peoples' health.
- No more excuses about gas as a bridge fuel. That point was made over 15 years ago. It's time that we are across that bridge to renewable energy, not fossil fuel band-aids that don't work.
- Carbon Capture and Sequestration (CCS) Technologies are underperforming, unproven and should not be the basis for future major infrastructure investments.
- Instead, we [must proceed directly to renewable energy](#) for electrical generation, a pathway that will provide the [best economic benefits](#) to our region and Commonwealth.
- Investing in CCS will lock in stranded assets that will underperform consumers of electrical power as soon as this infrastructure is completed.
- Investing in infrastructure based on renewables and direct electrification will clean up our communities, address climate needs, and provide a reliable infrastructure that we need today, 5 years from now, 20 years from now, and 50 years from now.
- Our region's leadership must follow fundamental economic and health knowledge rather than bending to the will of fossil fuel interests who are interested in extending their lives at the expense of our communities and our future generations.
- Almost exactly one year ago members of the Breathe Collaborative [sent a letter](#) to Southwestern Pennsylvania's Governmental, Business and Civic Leadership Delegation calling for a better future in the Mon Valley following U.S. Steel's disclosure it was canceling its promised investments there. That letter emphasized:
 - A vision centering on improving the health of communities, with leadership and reliable, good-faith partners that keep promises.
 - A plan respecting residents' rights to clean air and water and a healthy environment.
 - Investments in people, not in industries that harm communities.
 - Solutions addressing short-term air pollution problems and long-term climate necessities lacking in past and current proposed plans for the Mon Valley Works.
 - Reliable, family-sustaining jobs in industries that help - not hurt - their local communities.
- Nearly all the hydrogen produced today is dirty, and clean hydrogen is not [yet market-ready](#). Truly clean, green hydrogen has important niche applications in industries that are difficult or costly to electrify, but effective reduction of carbon emissions will result from expanded electrification and cleaning up power generation.
- The proposed build-out of CCS infrastructure will [cost between \\$170 billion and \\$230 billion to construct](#). These [costs outweigh any benefits](#) and are not worth it.