

FACTSHEETS AND WEB RESOURCES

TXLA CMC will be building resources to help make more information available. Below is an initial set of links with brief descriptions.

NEWSLETTERS

To receive monthly updates about the latest developments in CCS from the U.S. Department of Energy (DOE)/NETL, check out their Carbon Capture and Carbon Transport and Storage Newsletters:

<https://netl.doe.gov/newsletters>

Learn more about the Great Plains Institute's Carbon Action Alliance initiative to inform the public about carbon management, support project deployment, and discuss community benefits:

<https://carbonactionalliance.org/news-events/newsletter/>

View monthly updates, developments, analysis, and news regarding global CCS and climate change communities as well as policy, legislation, and regulations in the Americas:

<https://www.globalccsinstitute.com/news-media/newsletters/>

FACTSHEETS/ FAQ'S

NETL FAQs provide answers to a broad range of questions including education about carbon dioxide, the need for CCS, the CCS value chain, geologic storage complexes, monitoring methods, regulatory support, and more:

<https://netl.doe.gov/carbon-management/carbon-storage/faqs>

The IEA Greenhouse Gas R&D Program (IEAGHG) presents an introductory overview of CCS explaining basic concepts plus a 3-minute video:

<https://ieaghg.org/ccs-resources/what-is-ccs>

See CCUS questions answered from a lead European association, Carbon Capture and Storage Association (CCSA):

<https://www.ccsassociation.org/about-us/faqs/>

The Great Plains Institute (GPI) offers jobs and economic growth fact sheets for 21 states in the Mid-Atlantic Region of the U.S. as well as analyses on Carbon Management:

<https://carboncaptureandready.betterenergy.org/analysis/#jobs>

The Carbon Action Alliance, with the GPI, showcases 101 different factsheets covering topics in Carbon Management and beyond, check out:

<https://carbonactionalliance.org/resources/> CCS Mythbusters, by the Global CCS Institute, exhibit the most common myths and misinformation surrounding CCS by providing rebuttals about CCS being expensive, an unproven technology, storage risks, prolonging fossil fuel reliance, and not being "enough" storage space:

<https://www.globalccsinstitute.com/resources/publications-reports-research/dispelling-myths-around-ccs-factsheet/>

Energy in Depth provides facts to several myths including CCS greenwashing, technology, pipeline concerns, potential for environmental injustice, and regulatory speculation:

<https://www.energyindepth.org/get-the-facts-carbon-capture-in-the-united-states/>

TOOLS & WEB RESOURCES

ENVIRONMENTAL JUSTICE

The White House's Climate and Economic Justice Screening Tool uses threshold values indicative of various environmental, climate, energy, and socioeconomic burdens to identify disadvantaged communities can be accessed here:

<https://screeningtool.geoplatform.gov/>

The EPA's environmental justice mapping-screening tool, known as EJScreen, includes a nationally consistent dataset and approach for combining environmental and demographic socioeconomic indicators located here:

<https://www.epa.gov/ejscreen>

The Energy Justice Mapping Tool allows users to explore and produce reports on census tracts that the U.S. Department of Energy (DOE) has categorized as disadvantaged communities:

<https://energyjustice.egs.anl.gov/>

The Louisiana Decision Support Tool couples geospatial analyses of environmental, regulatory, and legal constraints with analyses of potential environmental justice constraints:

<https://carbonactionalliance.org/communities/decision-support-tool/>

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POLICY

Great Plains Institute (GPI) State Legislative Tracker lists and reviews various Carbon Management bills and policies in this interactive map:

https://www.quorum.us/spreadsheet/external/salsRkyXngxhHVBCSEVu/?mc_cid=ab4bdfbef5&mc_eid=b1006ec925

In addition to the above tracker, you can receive 'State Legislative Digests' each week by signing up for a GPI Newsletter. You can sign up here:

<https://betterenergy.org/>

DATASETS AND DEVELOPMENTS

The EPA regularly updates the status of current Class VI projects under review here:

<https://www.epa.gov/uic/current-class-vi-projects-under-review-epa>

The Global CCS Institute provides data on developments of CCS storage facilities, and more, here:

<https://co2re.co/FacilityData>

The Clean Air Task Force provides a Carbon Capture Activity and Project Map with known capture capacities:

<https://www.catf.us/ccsmapus/>

The disCO2ver EDX group will curate all dataset resources published publicly from the Bipartisan Infrastructure Law (BIL) funded effort that supports it as a central hub for all things carbon storage. Examples include RokBase, CO2-Locate Database, CCS Pipeline Route Planning, Class VI Support, and more:

<https://edx.netl.doe.gov/group/about/disco2ver-datasets>

COMMUNITY ENGAGEMENT

Explore the Community Benefit Agreement (CBA) Toolkit from the Office of Energy Justice and Equity, offering essential resources for understanding and implementing community benefits agreements in private sector development, emphasizing benefits to communities, developers, and government stakeholders, here:

<https://edx.netl.doe.gov/group/about/disco2ver-datasets>

Read the Rocky Mountain Institute's overview on community benefits plans and what they contribute to the energy transition here:

<https://rmi.org/community-benefits-plans-driving-equitable-clean-energy-development/>

Access a detailed overview about DOE's requirements for community benefit plans, explore templates, view FAQ's, and learn how these plans prioritize community engagement, workforce investment, diversity, equity, and more, here:

<https://www.energy.gov/infrastructure/about-community-benefits-plans>

Utilize the National Wildlife Federation's Community Takeaways toolkit that provides resource materials, best practice recommendations, findings from two listening sessions with community members in Louisiana, and more:

<https://www.energy.gov/infrastructure/about-community-benefits-plans>

WORKFORCE DEVELOPMENT

The University of Edinburgh offers a free, self-paced online course that explores carbon capture and storage (CCS) technologies and their crucial role in climate mitigation. Click below for more details.

<https://www.onlinecourses.ed.ac.uk/all-courses/climate-change-carbon-capture-and-storage-english-edx>

The University of Houston offers a self-paced online executive education course on Carbon Capture, Utilization, and Storage (CCUS), featuring live meetings and networking opportunities. The course covers the technology, economics, and challenges of CCUS. Click below for more details.

<https://uh.edu/uh-energy-innovation/uh-energy/educational-programs/micro-credentialing/ccus-executive-education/>

The University of Houston's white paper explores how Houston can redefine itself as a clean energy leader while ensuring its workforce has the skills needed for the emerging energy ecosystem. See below for the report.

<https://uh.edu/uh-energy-innovation/uh-energy/energy-research/white-papers/white-paper-files/white-paper-2024-workforce-dev.pdf>