



## **PATHWAY TO DECARBONIZATION PROGRAM**

Customized carbon-reduction road map for clean energy success









# PATHWAY TO DECARBONIZATION PROGRAM



## THE WORLD IS CHARTING A PATH TO CARBON NEUTRALITY—ALIGN WITH AUDUBON TO MAP YOUR SUCCESS

We are living in an era of accelerating decarbonization. Global energy requirements continue to rise, and the energy transition is taking the lead position across multiple markets and disciplines. Energy-intensive industries are now at a crossroads, tasked with supporting the power needs of a growing population and finding and implementing new ways of meeting the demand—all while mitigating climate risks, navigating complex regulatory requirements, and addressing aging infrastructure.

Staying in front of new energy transition challenges—and reaping the benefits of emerging decarbonization opportunities—requires innovation. Success on all fronts requires engineering and technical excellence, data-driven insights, proven technologies, project execution capabilities, and seamless collaboration that starts with the end in mind.

**This is the intersection where Audubon innovates.**

## EMSSIONS-REDUCTION SOLUTIONS FOR SUSTAINABILITY, PERFORMANCE, & LONG-TERM BUSINESS GROWTH

Since 1997, Audubon has worked with clients in the [energy](#), [power](#), [utility](#), and [infrastructure](#) industries, providing executive consultancy support in planning and managing [carbon-reduction](#) development goals. As a full-service [engineering](#), [procurement](#), and [construction](#) (EPC) company, we've built expertise that spans the entire energy value chain—from hydrocarbons to [renewables](#) and alternative fuels. Combining our proven phased methodology and technology-agnostic solutions, we develop and execute decarbonization strategies tailored to your specific emissions-reduction targets.

Collaboration achieves success greater than the sum of its parts. That's why we partner with you to discover, design, and implement emissions-reduction solutions that work at every turn. Our goal is to help you navigate the [energy transition](#) with integrated carbon-reduction solutions that meet sustainability targets while maximizing operational performance and long-term profitability.









# 1 Align

## DEVELOPING THE CARBON-REDUCTION FRAMEWORK & STRATEGY

Audubon's Pathway to Decarbonization Program (PDP) is a comprehensive framework that gives operators and developers a clear road map to decarbonize existing assets.

Our strategic framework comprises technical consultancy, project and operations expertise, carbon accounting, and technology-agnostic solutions to build a prioritized decarbonization road map with achievable outcomes. Whether you need to optimize one or multiple assets, your entire portfolio, or across business verticals or geographies, our agile and flexible framework can scale to fit your scope.

During this initial alignment phase, we perform an in-depth analysis that includes conducting carbon baseline audits and defining decarbonization objectives. These actionable insights form the foundation for aligning targets and assessing the best opportunities for implementation.

### OUR DECARBONIZATION ADVISORY PROCESS

- **Analysis:** Review and analyze market impacts, policy landscape, and business strategy.
- **Carbon baseline auditing:** Audit select assets to set a baseline that enables a better understanding of current operations.
- **Objectives definition:** Analyze, review, and define your decarbonization goals.
- **Target setting:** Develop achievable targets aligned with your corporate objectives and strategy, policy landscape, and carbon baseline.









# 2 Assess

## EVALUATING DECARBONIZATION OPPORTUNITIES

Leveraging powerful predictive analysis and intelligent modeling, we assess individual opportunities based on technical and economic parameters. We also consider potential carbon tax credits, including federal Inflation Reduction Act ([IRA](#)) and Infrastructure Investment and Jobs Act ([IIJA](#)) legislation, to forecast the rate of return and capital deployment. Each opportunity is evaluated based on [carbon capture](#) technologies, offsets, emissions reduction, or alternative noncarbon fuels using defined targets, as well as an objective approach to selecting viable, proven technologies.

Working with you at every step, we outline all possible decarbonization opportunities and rank them based on technical, operational, and commercial viability; carbon-reduction targets; and timelines. The result is a comprehensive road map to meeting your emissions-reduction goals.

### CARBON CAPTURE

- Exhaust & capture
- Emissions-control technologies
- Sequestration

### OFFSET

- Product portfolios
- Utilities

### CARBON REDUCTION

- Improved process & energy efficiencies
- [Operations & maintenance](#) best practices
- Digital transformation

### NONCARBON FUELS & RENEWABLE ENERGY

- [Hydrogen](#), biofuels, & renewable fuels
- Wind, [solar](#), & hydropower
- Electrification









# 3 Execute, Monitor, & Report



## INNOVATIVE ENGINEERING & EXPERT PROJECT IMPLEMENTATION

Whatever your decarbonization goals, Audubon is committed to innovative project design, successful project execution, and structured, data-driven project evaluation to meet your emissions-reduction targets. From the first stages of design and engineering to optimal technology selection to final implementation and throughout operations, we partner with you for the duration of your decarbonization journey.

### HOW WE DO IT

- Innovative engineering & design
- Best-fit technology selection
- Expert implementation
- Data-driven monitoring & reporting

## INNOVATIVE ENGINEERING & EXPERT PROJECT IMPLEMENTATION

Once you have a decarbonization strategy in place, you need a solid design, the right technology, and precise implementation. Audubon's approach combines multidiscipline engineering, technical expertise, and holistic management to ensure successful project execution. With diverse capabilities and agility built in, our integrated solutions create value for your business in reliability, efficiency, and sustainability.

## DATA-DRIVEN MONITORING, VISUALIZATION, & REPORTING

Tracking decarbonization progress is just as important as deploying the strategy. We offer a range of monitoring, visualization, and reporting services, including identifying and addressing fugitive emissions using state-of-the-art optical gas imaging and emissions leak measurement tools. Our suite of innovative digital technologies provides real-time insight into performance and results—optimizing your project over the long term.

### SPEAK WITH AN EXPERT TODAY

Audubon is your trusted partner on your path to decarbonization. Our technology-agnostic solutions, engineering and technical capabilities, deep industry expertise honed over decades, and local market experience help you address sustainability targets while maximizing operational performance, profitability, and business growth.

Contact us today to see how our PDP can support your transition to a carbon-neutral future.





PEOPLE | FLEXIBILITY | RELATIONSHIPS | EXPERIENCE

Audubon is a leading provider of engineering, procurement, construction, technical, and management services. Leveraging innovative technology and deep industry expertise, we work across diverse market sectors to build a better world. With a focus on safety, we deliver reliable, sustainable solutions at every stage of the project life cycle.

**For more information visit [auduboncompanies.com](http://auduboncompanies.com)**