



ROADMAP TO DECARBONIZATION

ARMSTRONG BRINGS YOUR NET-ZERO GOAL WITHIN REACH

Facing the challenge of decarbonization successfully will be easier with Armstrong at your side. As a respected global leader in thermal utilities knowledge, experience and innovation, we can help you develop and implement a plan of action that's specifically engineered for your facilities, industry and objectives. Your Roadmap to Decarbonization will include all the steps necessary to:

MINIMIZE

Armstrong will help you establish your baseline of utility generation, including fuels and energy used, efficiency, operational practices, and heat usage. Your plan will identify areas within your plant and processes where energy use can be minimized or eliminated by applying solutions such as reducing setpoints, upgrading process equipment, and decreasing cycle times.

OPTIMIZE

Our experts will show you how to maximize efficiency of energy use within your plant and production processes by eliminating energy losses, destemming, electrification, and recovering waste heat, as appropriate.

DECARBONIZE

As your sage, trusted advisor, Armstrong, together with our partners, will show you how to decarbonize your primary energy sources. From installing carbon capture on fossil fuel installations to producing heat using renewable energy sources such as renewable electricity and gas, hydrogen, biomass, geothermal, solar and thermal storage, we can facilitate the solutions you need to reach your goal.

TRAP MANAGEMENT

A proactive, comprehensive, best-in-class steam trap management program is critical to reaching your net-zero goal.

THERMAL ASSESMENT

This high-level walk-through of your facilities enables our experts to evaluate your facility's thermal utilities system.

DECARBONIZATION ALTERNATIVES STUDY

After identifying and analyzing alternative sources of energy generation, Armstrong establishes your plan of action.

THERMAL STUDIES

Your baseline of utility generation and use is established, based on your actual operational data and measurements.

DETAILED DECARBONIZATION STUDIES

Armstrong serves in a consultant role to ensure system stability as source suppliers conduct detailed studies of decarbonized thermal utility generation.

DELIVERING THE DECARBONIZED SOLUTIONS

We only recommend products that serve your best interests and help achieve your goals—whether Armstrong sells them or not, so you can be sure the solutions we favor are right for you.

FINANCING, INSURING, AND OPERATIONS AND MAINTENANCE OF THE DECARBONIZED SOLUTION

Armstrong offers equipment bundling with financing, expert operations and maintenance, monitoring, performance guarantees, mitigated risk, and insured outcomes.

DECARBONIZATION COMPLETE

We're here to make it easier for you. Armstrong will be at your side throughout the entire decarbonization process and beyond.

ROADMAP TO DECARBONIZATION

A PRAGMATIC, TAILOR-MADE PLAN OF ACTION

WHEREVER YOU ARE ON YOUR PATH TO NET ZERO, ARMSTRONG WILL MEET YOU AT YOUR POINT OF NEED.

Our expertise, flexibility and in-depth understanding of thermal utility infrastructure allows us to begin the process wherever it makes the most sense for you. Your starting point will be based on your company's objectives and the unique requirements and conditions of your facilities.

To schedule a meeting or learn more, visit armstronginternational.com/decarbonization



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