

## Description

Making the financial case for decarbonization is a hurdle for many organizations. The goal of this working group is to discuss how to assess, characterize and present the value of industrial decarbonization efforts. DOE experts will provide guidance on and convene working sessions on topics including techno-economic analysis, cost analysis, marginal abatement cost curves, and carbon pricing. Experts will also highlight the impacts of decarbonization efforts beyond immediate financial and energy-related metrics and benefits, which accrue directly to industries as well as communities and the environment.

## Schedule

The working group cohorts will meet every 3-4 weeks for a series of five, 90-minute facilitated calls starting in Fall 2024.

## Working Group Format

- ▶ Sessions will include **roundtable discussion and sharing of examples as well as** review and discussion of proposed approaches to evaluating feasibility of decarbonization investments and strategic frameworks

## Example Subtopics

- ▶ Introduction to Techno-Economic Analysis (TEA) and Cost Analysis Fundamentals
- ▶ Structured Techno-Economic Analysis Options and Examples
- ▶ Financial Instruments, Incentives for Decarbonization
- ▶ Decarbonization strategies, Carbon Pricing, and Impact on Industry
- ▶ Indirect (Non-energy or Non-financial) Benefits of Decarbonization

## Outcomes

- ▶ The working group will identify technical training, tools, and resource development needs.
- ▶ DOE will summarize best practices and key resources for evaluating the economic feasibility of decarbonization technologies and strategies based on contributions by working group members
- ▶ DOE will document opportunities and strategies to make the economic case for pursuing decarbonization technologies and strategies
- ▶ Specific working group deliverables may include several short primers on key topics, such as carbon pricing, quantification of indirect decarbonization benefits, key TEA concepts and techniques, and/or other topics as identified by the working group.
- ▶ Working group members will be recognized for their contributions.

## Expectations for Participating Partners

- ▶ Attendance at a majority of working group meetings
- ▶ Contribution of insights and experiences with evaluating the economic feasibility of decarbonization technologies and strategies

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- ▶ Working group members are expected to be at varying stages of their decarbonization journey. Partners that have past experience with financial analysis of decarbonization and partners that are less familiar with the subject matter are equally encouraged to participate to learn from one another.