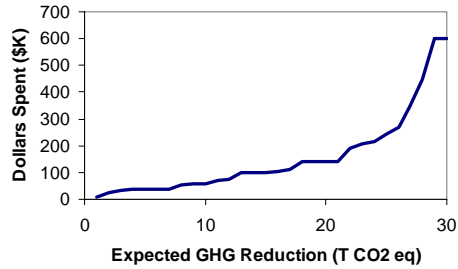


# GREENHOUSE GAS EMISSIONS CONSULTING SERVICES

## HOW ARE YOU INVESTING YOUR GHG EMISSION REDUCTION DOLLARS?

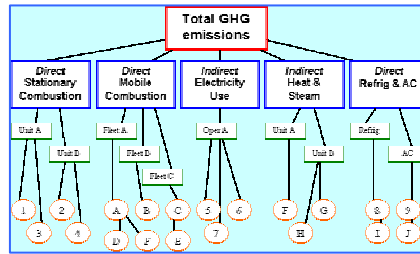


Looking at overall cost and overall benefits may not reveal optimized conditions for your situation

Johnson Wright, Inc. (JWI) works with clients who want to understand the business costs associated with their greenhouse gas reduction programs. JWI utilizes a greenhouse gas emissions model (GHG-EM) that is tailored to each client through understanding the specifics of their operational activities. By first identifying the relevant GHG emissions categories for their operations and then independently modeling both operational GHG emissions and operational costs, JWI can determine the expected cost/benefit in a robust way, even when some of the important aspects of the operations are uncertain. This approach results in higher fidelity estimates and increases confidence for decision making.

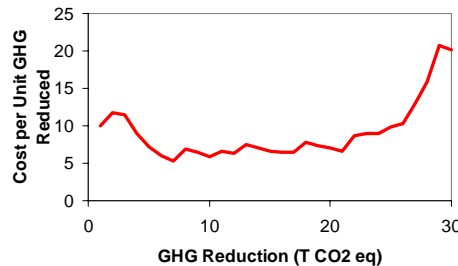
## WHAT TOOLS DO YOU HAVE THAT ENABLE YOU TO HAVE CONFIDENCE THAT YOUR EMISSION REDUCTION STRATEGY WILL BE A SUCCESS?

The Scope for a GHG-EM at a site begins by utilizing information obtained from a clients existing GHG emissions report (for example: reports generated from a CARB, CCAR or TCR reporting protocol), a review of the reports' underlying data sources, and information obtained from our client with respect to operations. This information is reanalyzed and integrated to develop the base GHG-EM that relates GHG emissions.



Robust system analyses of factors that contribute to GHG emissions enable a detailed picture of the current status

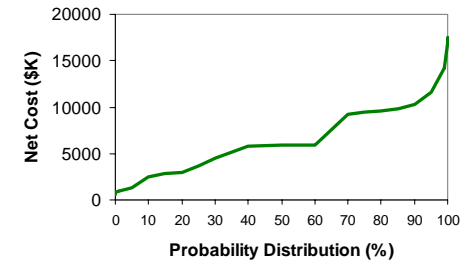
GHG-EM also includes a cost analysis. Expenses related to the operations that result in GHG emissions are used to develop a cost model that parallels the emissions model. With input from the Client, operational costs are identified and analyzed for relevance and variability. These identified costs are then integrated to develop the base GHG-EM that relates GHG to dollars.



Thorough analysis can reveal various emission reduction strategies that result in the incremental and cumulative GHG impact per dollar spent



Once both the base emissions and costs models are completed, JWI works with our Client to develop greenhouse gas emissions reduction strategies. The base GHG-EM is modified based on the expected impact and cost characteristics of the GHG emission reduction strategy. The expected cost/benefit for a range of GHG reduction strategies can then be determined and optimized based on the Client goals and resources. JWI can additionally provide a detailed analysis of how uncertainty from internal and/or external business variables impacts the confidence in the overall optimization analysis.



Understanding the probability and distribution of your emission reduction plan increases confidence in the emission reduction strategy chosen

## JWI CAN HELP YOU EVALUATE YOUR EMISSION REDUCTION STRATEGY SO YOU CAN BE CONFIDENT YOU WILL ACHIEVE YOUR GOALS

Our approach provides decision-makers with reliable information:

- Robust and detailed understand of current status.
- Realistic development of potential outcomes.
- Determination of incremental and cumulative impact of various strategies on cost and emissions.

For More Information Please Contact

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*Johnson Wright, Inc.* works with private industry and government clients that are facing complex technical challenges. We help refine the questions that need to be answered, and provide well-supported and robust answers.

**Johnson Wright assists companies that want stable, effective and cost-efficient solutions to address the issues of GHG, green development and sustainability together, using an integrated approach.**

**How are you documenting your GHG emissions inventory?**

**In what way are you using that information?**

**How are you planning to make decisions about GHG emissions strategy?**

**How are you deciding if you should be a buyer or seller in a “Cap and Trade” situation?**

**To what extent do variable external factors impact your strategy?**

**What is your level of confidence that you are doing what is best for your organization?**