

October 2006



# **So you have all this energy and GHG data, now what?**

**Three steps for using data to  
overcome barriers in carbon  
mitigation project implementation.**

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# Overview

- Observations of Current Challenges
- Step 1 – The Full GHG Inventory
- Step 2 – The Necessary Data
- Step 3 – The Full Financial Equation
- The Complete Picture



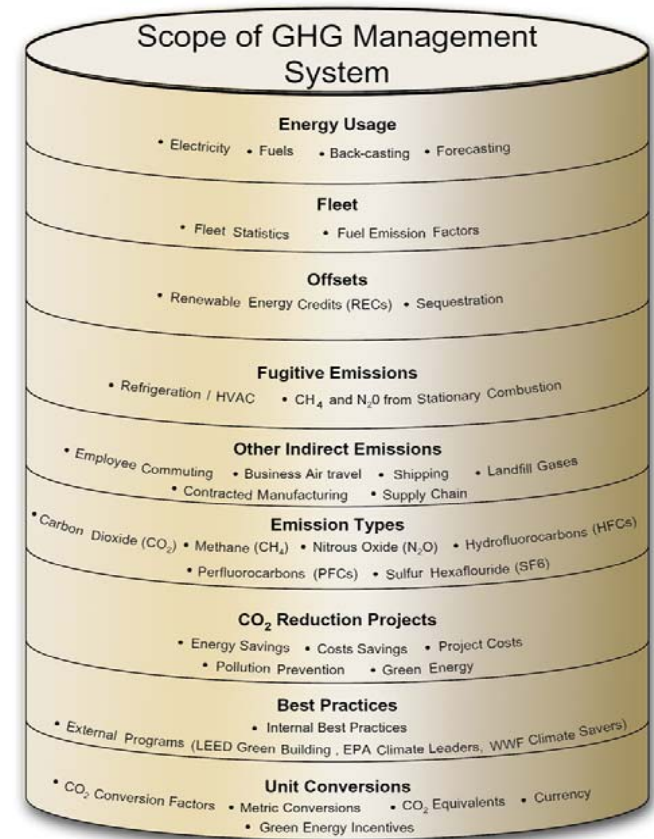
## Current Challenges

- Smart companies are **missing opportunities** for good projects
- Project portfolios often consist of only one or a **small number** of solutions
- Companies are **ill-equipped to adapt** to the future

# Step 1 - The Full GHG Inventory

A complete picture is needed to identify mitigation opportunities

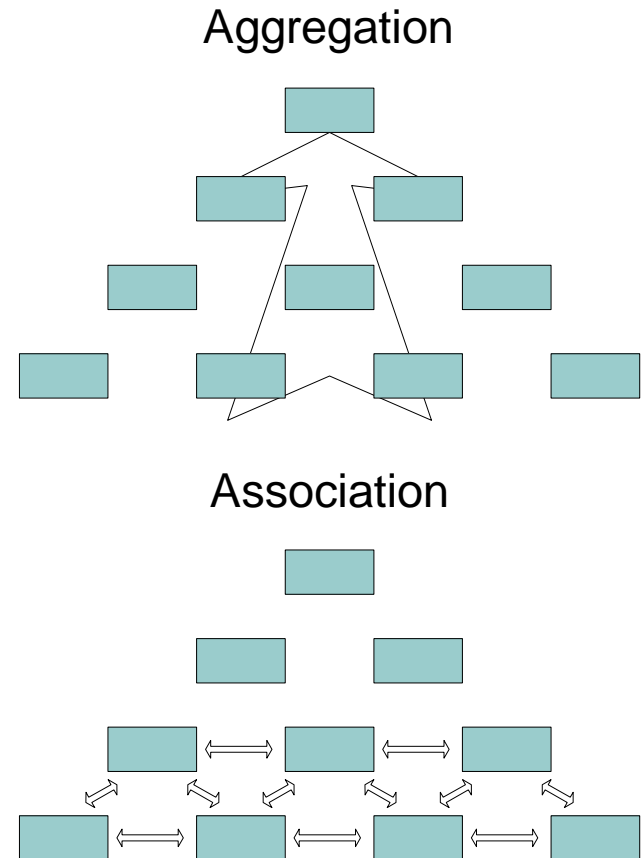
- Direct Emissions
  - Fuels, refrigerants, fugitive emissions
- Indirect Emissions
  - Electricity purchases
- Supply Chain
  - Products
  - Shipping
  - Travel
  - Waste Disposal



# Step 2 – The Necessary Data

Different data needs for GHG inventory and energy / GHG management

- Association versus aggregation
- Level of detail
- Frequency





# Step 3 – The Full Financial Equation

Finance provides the common denominator for projects

Remember:

- Which parties have financial control and resources
- Lifetime scope of projects
- Projects need common denominators



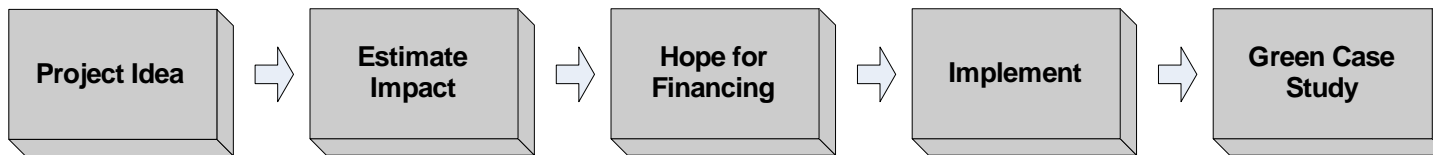
Therefore:

- Use financial metrics that match
- Account for changing values and costs for fuel and carbon
- Provide consistent analysis among projects

# The Complete Picture

**Complete Inventory + Data + Finance = Systematic Change**

## Without Perspective



## With Perspective

