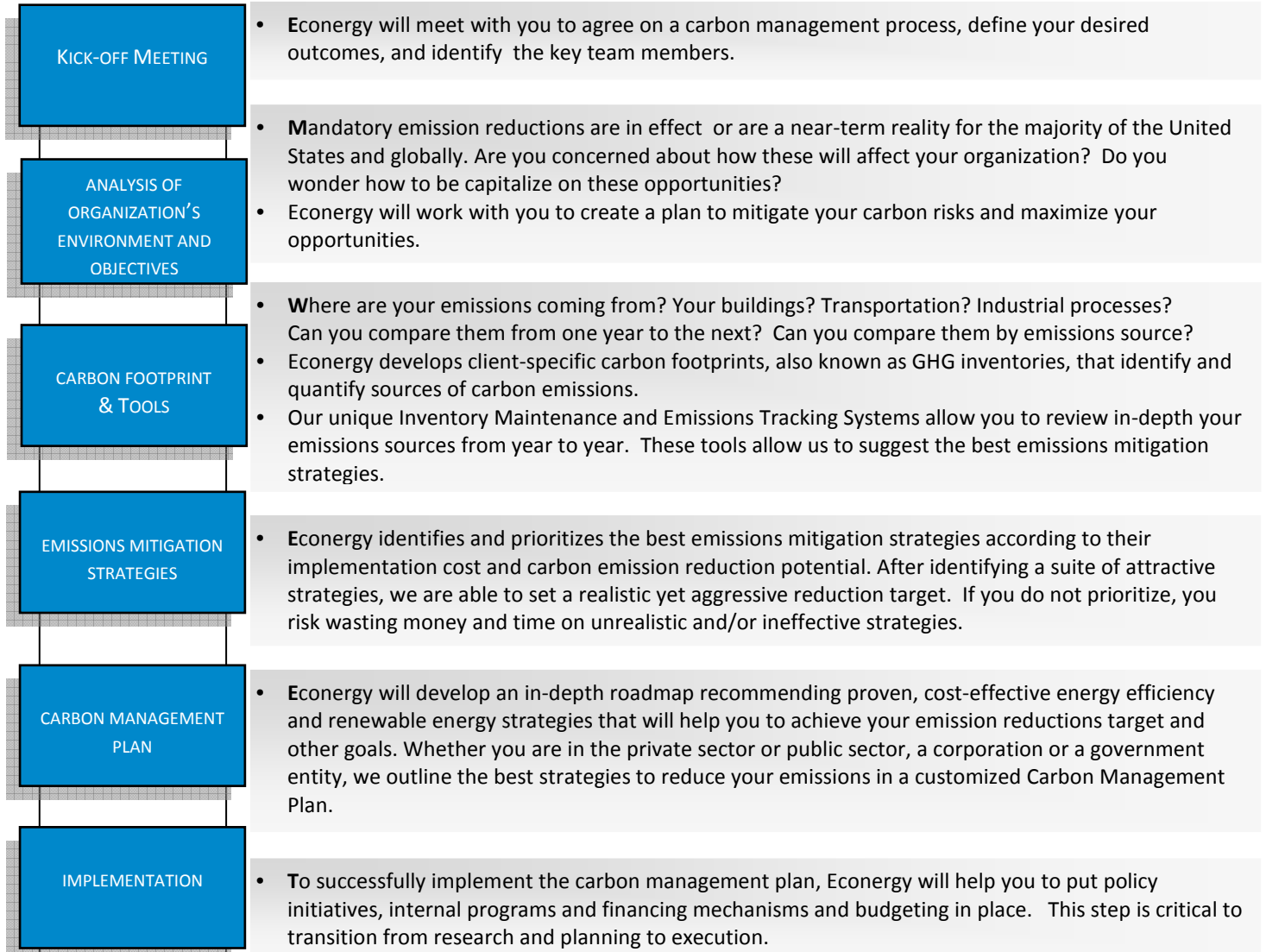


# Carbon Management

ECONERGY PROVIDES EXPERT ADVICE AND COST-EFFECTIVE SOLUTIONS TO CLIENTS LOOKING TO MITIGATE THEIR CARBON EMISSIONS RISK. WE CALL OUR CARBON MANAGEMENT PROCESS **SAVE<sup>3</sup>**:

## SAVE ENERGY, SAVE CARBON, SAVE MONEY



**SAVE<sup>3</sup>:**  
Save Carbon  
Save Energy  
Save Money

econergy

## CARBON MANAGEMENT PROJECT EXAMPLES

**BOULDER COUNTY,  
COLORADO, USA**

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**CARBON INVENTORY  
EMISSIONS TRACKING TOOLS  
CARBON MANAGEMENT PLAN  
EMISSIONS MITIGATION  
PROGRAM IMPLEMENTATION**

### Phase I

- Completed an economy-wide Carbon Inventory of the emissions for the industrial, transportation, commercial buildings, residential buildings, agriculture, and solid waste sectors.
- Developed an electronic Inventory Maintenance System tool to provide a user-friendly method to track county-wide emissions on an annual basis.
- Used the Inventory results to perform detailed Technical and Financial Analyses of a variety of carbon emissions mitigation strategies within each sector of the County's economy.
- Developed a comprehensive Carbon Management Plan that recommends specific strategies the County can pursue to achieve its goal of economy-wide compliance with the Kyoto Treaty.

### Phase II

- Performed deeper Technical and Financial Analyses on 36 prospective carbon management programs.
- Estimated implementation costs and cost savings, and calculated Marginal Abatement Costs to prioritize program concepts.
- Quantified the aggregated impact the targeted programs would have on economy-wide emissions.

### Phase III

- Will assist Boulder County to implement selected, cost-effective Carbon Management programs.
- Activities will include design, implementation, and management of a program to measure the performance of plug-in hybrid-electric vehicles, install retail ethanol fuel dispensaries throughout the county, and promote ethanol fuel usage among county motorists.

**REGIONAL GOVERNMENT OF  
CASTILLA Y LEON, SPAIN**

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**ECONOMY-WIDE INVENTORY  
ESTABLISH EMISSIONS  
REDUCTION TARGETS  
CARBON MANAGEMENT PLAN**

- Developed Carbon Inventories, performed Technical and Financial Analysis of emissions mitigation measures, and performed macroeconomic analyses of several recommended mitigation measures for the electric power, cement, pulp & paper, and livestock sectors.
- Developed an economy-wide Carbon Inventory for the region in order to provide a framework for a comprehensive Carbon Management Plan for Castilla y Leon. Economy-wide analysis also provided a framework for strategic economic development initiatives.
- The Plan recommended the development of a wind turbine manufacturing industry, a wind energy services industry, and a biofuels industry.

**GENERAL DYNAMICS,  
GLOBAL**

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**CARBON INVENTORY  
EMISSIONS TRACKING TOOLS  
CARBON MANAGEMENT PLAN  
EMISSIONS MITIGATION  
PROGRAM IMPLEMENTATION**

- Currently developing a comprehensive Carbon Inventory for two of General Dynamics' business units as a pilot project.
- Developing an advanced Inventory Maintenance System tool to aggregate the data and calculate carbon emissions.
- Writing an Inventory Management Plan to document data sources and procedures used to develop the inventory. IMP provides continuity over time so General Dynamics can itself update the Inventory in the future despite the inevitable turnover of personnel.
- Following the pilot project, Econergy will expand the Inventory to the entire corporation, identify opportunities to reduce emissions, design a comprehensive Carbon Management Plan, and help General Dynamics to implement the Plan.

FOR MORE INFORMATION, PLEASE CONTACT:

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