

## GEOMTRX – Comparison Chart

How the GEOMTRX Decision Support Toolset dramatically reduces GHG project costs and improves outputs, planning and budgeting.



PROJECT COMPONENT	Current GHG Projects (Without GEOMTRX)		GEOMTRX Enabled GHG Projects	
	Process	Time & Cost	Process	Time & Cost
<b>Commence Project</b> Engage a consultant and/or allocate management and staff to establish and launch a GHG Project.	Project must include staff or consultant time to design and build spreadsheets, formulas, reports, etc. Currently has no way to relate results to macro-climate GHG picture or adjacent jurisdictions and regulatory requirements.	<b>\$20,000 to \$200,000 plus</b> - depending upon project size, number of participants and complexity of data sources.	<b>Subscribe to GEOMTRX, define a Project.</b> Provides all state-wide historical GHG data by jurisdiction. Database and interactive screen driven; eliminates spreadsheets. All formulas, coefficients, report formats and capabilities pre-packaged. Automatically returns a range of reports – user defined - that relate local metrics to macro GHG picture over time.	<b>Time – 1 hour.</b> Subscription cost per seat per year - <b>\$1,800 to \$4,500.</b> Project cost - <b>\$3,500 to \$12,600</b> (Population - up to 500,000.)
<b>Establish Historical Baseline</b> Gather & collate macro-climate historical data for Project.	Staff or consultant to find, retrieve, collate and construct baseline multi-year, macro-climate data onto a custom developed one-off spreadsheet.	Staff or consultant costs over a few weeks or months.	<b>Retrieve GEOMTRX provided multi-year, macro-climate historical data</b> and coefficients onto a pre-defined online project workspace.	<b>A few hours.</b> No additional cost. <i>Included in Project fee.</i>
<b>Load Local Data</b> Integrate and relate local project results and data into overall project.	Adjust custom spreadsheet and input local data manually or through custom built pivot tables.	Staff or consultant costs over a few days or weeks.	<b>Use GEOMTRX data loading tools</b> to integrate local data into project work space. GEOMTRX accommodates data from any source in any format.	<b>A few hours.</b> No additional cost. <i>Included in Project fee.</i>
<b>Set up Calculations &amp; Reports</b> Determine coefficients, output requirements and report formats.	Manually construct and test spreadsheet formulas, determine coefficients and design output formats.	Staff or consultant costs over a few days or weeks.	<b>Select calculation, coefficient and other analysis criteria from GEOMTRX menus.</b> Loop in real time to test and see on-screen varying data, coefficients, etc.	<b>A few minutes.</b> No additional cost. <i>Included in Project fee.</i>
<b>Review &amp; Adjust Output</b> Multiple iterations to “get it right.”	Adjust custom spreadsheet; modify formulas, refine or reload data, test and modify report outputs.	Staff or consultant costs.	<b>Review results on-screen in presentation format.</b> Modify GEOMTRX menu options and review changes in real time.	<b>A few minutes.</b> No additional cost. <i>Included in Project fee.</i>
<b>Produce Project Reports</b> Print & distribute reports for varying audiences and across differing presentation formats.	Custom design multiple presentation and content formats for diverse audiences and agendas. Adjust spreadsheet output to varying graphical presentations.	Staff or consultant costs.	<b>Customize report and presentation layout and formats from dozens of GEOMTRX output options.</b> Produce reports with varying graphs, charts, colors, titles and descriptors, selected from menu options.	<b>A few minutes per report.</b> No additional cost. <i>Included in Project fee.</i>
<b>Set Up Budgeting &amp; Forecasting</b> Establish programs to forecast trend lines for GHG reductions and expected outcomes. Analyze micro & macro-climate relationships to adjacent or regional jurisdictions and regulatory requirements.	Based on local data and criteria only. Very difficult to obtain and integrate macro-climate data. Very expensive. Of questionable value over time without broader historical and regional data and analysis.	Considerable staff and/or consultant costs.	<b>Using the GEOMTRX Decision Support Toolset,</b> Project data and coefficients can be extended to forecasting and budgeting for GHG reduction management and expenditure portfolios. Progress can be tracked, programs modified, expenditures re-targeted and outcomes compared to macro-climate histories, against projections and across other entities or regions for macroeconomic effect.	<b>A few hours to set up and maintain.</b> No additional cost. <i>Included in Project fee.</i>
<b>Store, Archive &amp; Re-purpose</b> Store Project results for planning, forecasting and future use.	Store spreadsheets locally. No easy way to make available for regional or broader programs. Subsequent project use means starting over without effect of changing macro-climate numbers or other studies.	Very little time value. No correlation to regional oversight. No tools to evaluate outcomes.	<b>GEOMTRX automatically stores all data, coefficients and results for future use,</b> including all selected analysis and formatting options. Immediately accessible for local, regional or broader programs, and historical analysis.	<b>No additional cost.</b> <i>Included in Project fee.</i>
<b>Expand Project Results</b> Share Project output with other entities for a Regional or larger Project.	All entities and data sources must agree on data, coefficient and analysis methods, etc. All entities to modify local spreadsheets to meet regional requirements. Load, test, modify and normalize data from each entity into regional spreadsheet.	Considerable staff or consultant costs for each entity and the overall project. Results are one-off and of limited value.	<b>Define a Regional Project in GEOMTRX,</b> select jurisdictions or data sources, retrieve all entity data, etc. from GEOMTRX database onto a project workspace. Select data, calculation, coefficient and other analysis criteria from GEOMTRX menus. Select output criteria and produce reports.	<b>A few hours.</b> Project costs vary by population - <b>\$3,500 to \$12,600.</b> (Population - up to 500,000.)