

estimate reductions in greenhouse gas emissions.

Reporter-generated data. This is information that you provide which is used to estimate the effects of your project. There are two categories of reporter-generated data:

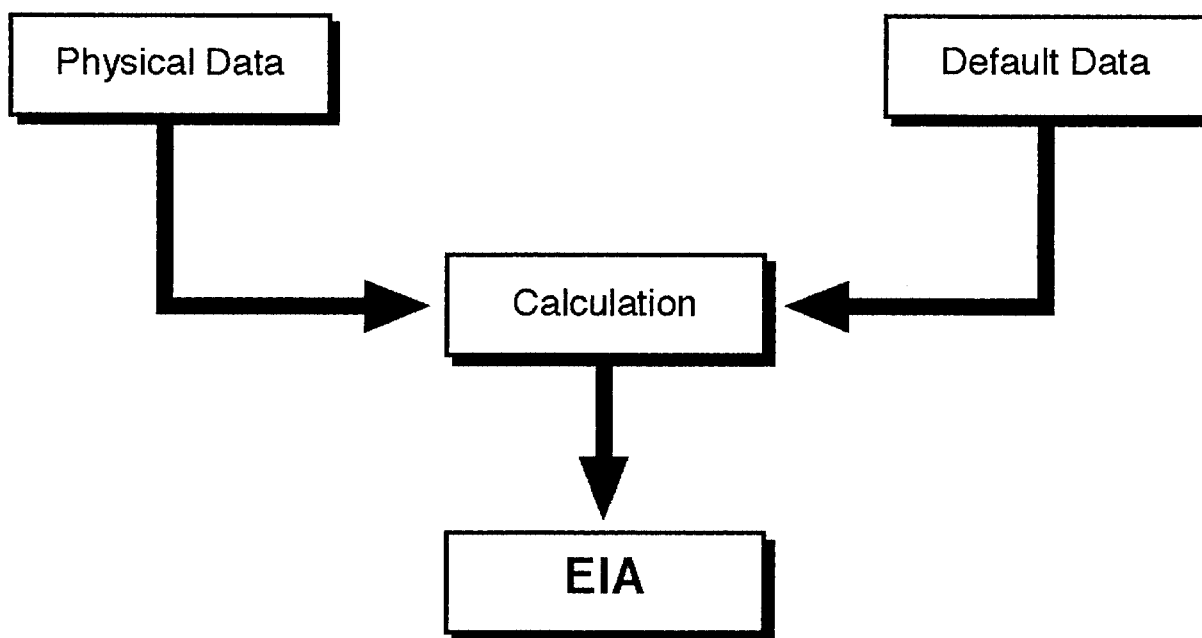
Measured data. These are data, collected directly from the project or a control group, that you use to estimate your project's accomplishments.

Engineering data. These are data that you derive from various sources, such as engineering manuals, manufacturer's equipment specifications, surveys, academic literature, professional judgment, and computer models.

Based on these three categories of data, the guidelines and supporting documents recognize two categories of projects: Standard projects, which rely on physical and default data, and reporter-designed projects, which use measured or engineering data that you develop (as well as appropriate default data). You will need to report the category(ies) of data and projects that you choose to use.

Standard projects. These are projects for which the guidelines and supporting documents provide the procedures and information to estimate the emissions reductions or carbon sequestration. Reports of these projects rely entirely on physical and default data (see Figure GG-2).

Not all projects can be described in standard project reports. The supporting documents for each sector delineate, where possible, projects for which emissions factors and stipulated factors are provided, and for which standard project reports can be submitted. You should recognize that default values are often conservative; that is, if you use them, you are likely to underreport your emissions reductions or carbon sequestration. However, if you do not directly measure and monitor or your organization does not have expertise in estimation methods, the default values will allow you to calculate the effects of your activities.



- **Figure GG-2.** Standard Projects Utilize Physical and Default Data.

Reporter-designed projects. These projects use physical and reporter-generated data, possibly in combination with default data, to estimate their accomplishments (see Figure GG-3). For this type of project, you should be able to indicate the source of all data, and in the case of data you generate, how it was measured or derived. For reporter-designed projects, the supporting documents for each sector provide principles and guidance.

Estimation of the emissions effects of many reporter-designed projects will require that you not only gather measured or estimated data, but that you also manipulate this information to derive the emissions levels of your project and reference case. The data manipulation could involve relatively simple calculations or extremely complex modeling. You should be able to identify the nature of the calculations and/or the type/name of the model you have used. In some instances, it

may not be possible to estimate emissions for both the project and the reference case. In these cases, identified in the supporting documents for each sector, you may need to measure the emissions reductions directly.

Finally, the emissions reductions or carbon sequestration of your project is simply the difference between your project emissions/sequestration and your reference case emissions/sequestration.