Possible Vision for EMFACT – For Discussion Purposes Only

A₁ Measures What You Need to Manage A₂ Translates to Value **A**₃ Tells You What is Possible A₄ Compares Options to Current Practice **Process Flow Diagram LINKS** Purchasing/Accounting System Sustainability Reporting Bar Code System Facility Reporting Project **Internal Accountability Inventory Management System** TRI/TURA/Air Releases Reporting **EMS Production Reports** LINKS TO LINKS TO **A₁** Easy User Interface => Material/Energy => Waste/Releases => Reports Flow Interview **Use Spreadsheet** Spreadsheet* Annual Use Chemical/ Energy/ **Annual Output** Water Byproduct/product Quantity Output/department/ Cost product Related Data **Current Costs Analyzer** Dollar per output – department/product/chemical $\mathbf{A_4}$ Alternatives **Evaluator** A₃ Alternative/s Copy above & change to reflect possible alternatives

- A_1 Flow Tracker. At the simplest level, user tracks chemical X through a production line. Interaction screen is easy-to-use interview. User can add chemicals to produce aggregate reports for a division, product, and facility. User can customize system to relate the data to chosen objectives.
- A2 Cost Analyzer. Full cost assessment. Cost tracking optional and flexible partial completion does not prevent report.
- A₃ Alternative Outcomes Evaluator. Utilize with A₁ and A₂. If you assess costs, you can use A₄.
- A₄ Profitability Evaluator. Modified PROJECT compares value of options to current practice.

^{*} Default values or links to calculators (such as emission factors) added here, for typical or benchmark outcomes.