

Turtle Diagram for Energy Assessments

Understand Energy Projects Connections to Operational Improvements

Instructions:

Input - Enter energy into the “Input” box
(e.g., electricity, natural gas).

Process - Enter basic manufacturing processes and equipment consuming this energy covered in the assessment.

What - List energy equipment (e.g., boilers, compressors, ovens) by industrial systems impacted by the energy assessment.

Who - Enter the process champions and support personnel for those processes.

How - Enter relevant operating procedures or standards guiding operations.

Performance - List performance metrics associated with those processes, such as productivity, yield, defects, and downtime.

Output - Enter basic process outputs, such as what is made or converted.

