

Draft DOE P 450.X introduces new P2 goals to go into effect in FY06. As demonstrated in the following tables, the goals are similar to and expand upon draft goals suggested by a complex-wide DOE workgroup.

Cross-walk: Draft DOE P 450.X Policy Statement and P2 Work Group Performance Objective

Draft DOE P 450.X	Work Group
<p>POLICY STATEMENT: Pollution prevention and sustainable environmental stewardship will be integrated into DOE operations</p> <ul style="list-style-type: none"> - as a good business practice, - to reduce environmental hazards and protect environmental resources, - to avoid pollution control costs, and - to improve operational efficiency and mission sustainability. 	<p>PERFORMANCE OBJECTIVE: Demonstrate pollution prevention</p> <ul style="list-style-type: none"> - as a good business practice, - to achieve environmental compliance, - to reduce risks to health and the environment and prevent future DOE legacy wastes, and - to enhance site operations and mission accomplishment.

Cross-walk: Draft DOE P 450.X P2 Goals and Work Group Goals

Draft DOE P 450.X Goal and Objective	Work Group Goal
<p>1. Protect the environment, and enhance mission accomplishment through <i>Waste Prevention</i> — Reduce environmental hazards, protect environmental resources, minimize life-cycle cost and liability of DOE programs, and maximize operational flexibility by</p> <ul style="list-style-type: none"> - eliminating or minimizing the generation of wastes that would otherwise require storage, treatment, disposal, and long-term monitoring and surveillance (i.e., future environmental legacies). 	<p>Reduce life-cycle costs and liabilities of the Department by</p> <ul style="list-style-type: none"> -eliminating or minimizing routinely generated wastes that would otherwise require storage, treatment, disposal, and long-term monitoring and surveillance.
<p>2. Protect the environment, and enhance mission accomplishment through <i>Reduction of Environmental Releases</i> — Reduce environmental hazards, protect environmental resources, minimize life-cycle cost and liability of DOE programs, and maximize operational flexibility by</p> <ul style="list-style-type: none"> - eliminating or minimizing use of toxic chemicals and associated hazardous environmental releases that would otherwise require control, treatment, monitoring, and reporting. 	<p>Reduce life-cycle costs and liabilities of the Department by</p> <ul style="list-style-type: none"> - eliminating or reducing the purchase and use of priority toxic chemicals that would otherwise require control, treatment, monitoring, and reporting; and - eliminating or reducing the release of Toxic Release Inventory (TRI) chemicals that would otherwise require control, treatment, monitoring, and reporting.

3. Protect the environment and enhance mission accomplishment through *Environmentally Preferable Purchasing* — Reduce environmental hazards, conserve environmental resources, minimize life-cycle cost and liability of DOE programs, and maximize operational flexibility through the

- procurement of recycled-content, bio-based and other environmentally preferable products thereby minimizing the economic and environmental impacts of managing toxic by-products and hazardous wastes generated in the conduct of site activities.

Reduce life-cycle costs and liabilities of the Department by

- maximizing the purchase of environmentally preferable products (EPP) and services thereby minimizing the economical and environmental impacts of managing by-products and wastes generated in the conduct of mission-related activities.

4. Protect the environment and enhance mission accomplishment through incorporation of *Environmental Stewardship in Program Planning and Operational Design* — Reduce environmental hazards, conserve environmental and energy resources, minimize life-cycle cost and liability of DOE programs, and maximize operational flexibility by

- incorporating sustainable environmental stewardship in the design and construction of capital assets thereby minimizing the economic and environmental impact of site construction, operation, and closure.

Reduce life-cycle costs and liabilities of the Department by

- maximizing environmental sustainability through application of sustainable design principles, and
- selecting environmentally preferable construction materials thereby minimizing the economical and environmental impacts of managing by-products and wastes generated in the conduct of mission-related activities.

5. Protect the environment and enhance mission accomplishment through

Recycling of Solid Waste —

Protect environmental resources, minimize life-cycle cost of DOE programs, and maximize operational flexibility by

- diverting materials suitable for reuse and recycling from sanitary landfills thereby minimizing the economic and environmental impacts of waste disposal, and long-term monitoring and surveillance.

Reduce life-cycle costs and liabilities of the Department by

- recycling generated wastes that would otherwise require storage, treatment, disposal, and long-term monitoring and surveillance.

Cross-walk: Draft DOE P 450.X Performance Measures and P2 Work Group Performance Metrics

Draft DOE P 450.X Performance Measure	Work Group Performance Metric
Measure progress toward implementing the pollution prevention goals and meeting related EMS objectives and targets, and make such information available annually to the Agency Environmental Executive.	Track and report annually on: <ul style="list-style-type: none">- amounts of routinely generated TRU, LLW, MLLW, Hazardous, and Sanitary waste compared to the previous year;- amounts of generated waste recycled compared to the previous year;- activities* undertaken to eliminate or reduce the purchase and use of priority toxic chemicals and ozone depleting substances;- releases of TRI toxic chemicals compared to the previous year;- purchases of bio-based, recycled content, and environmentally preferable products and services compared to previous year;- activities* undertaken to incorporate EPP materials into the design and construction of new and retrofitted buildings;- activities* to maintain a verified EMS;- P2 operational assessments conducted for significant aspects identified in the EMS and P2 projects implemented pursuant to these assessments;- activities* to incorporate P2 operational assessments into safety analysis reports, work approval processes, or similar planning documents and procedures; and- activities* to promote P2. <i>* reported as accomplishments</i>