

Primary Environmental Measures Reported by the UNL P3 Program

The Partners in Pollution Prevention (P3) program has practices in place to measure outputs (activities and behavioral changes among clients) and environmental outcomes. The P3 program collects this data for internal program evaluation and quality assurance/ improvement and for external reporting to the university, to grant funding agencies and to the National P2 Results Data System through Region 7. The variables used are intentionally consistent with the National P2 Results Data System.

Output Metrics These consist of activity measures and client behavioral changes.

Activity Measures

1. Trainings, Workshops, Meetings, Conferences and Roundtables – Planned event drawing attendance from multiple facilities and designated to disseminate P2 information: *# of people attending formal presentations by interns working with small businesses, recruiting/ educational presentations >10min, and CIVE 422 students*
2. Site Visits – A visit made by a representative of an agency/organization to members of their client base: *# of visits = # of discrete projects as defined by discrete management reports; total site visit hours = student field hours minus some % for those students with large educational components, i.e. Ext. Office placements*
3. Potential Outcomes -- *A summary of possible environmental outcomes identified at the time of initial assistance.*

Behavioral Changes Measures

4. Clients Reporting Adoption of P2 Policies – Any P2 policy adopted by a client: *# of clients reporting adopting policy from initial assistance and/or reassessment interview*
5. People Trained in P2 by Clients – Any training provided by a client to others: *# of people attending formal presentations by interns employed at large industries for their business clients' employees*
6. Clients Developing Environmental Management Systems (EMS) – Any client developing an EMS: *# of clients reporting adopting EMS from initial assistance and/or reassessment interview*
7. Clients that have Developed a P2 team – Any client creating a group whose stated purpose is to perpetually seek ways to reduce pollution: *# of clients reporting development of P2 team from initial assistance and/or from reassessment interview*
8. Clients reporting that they Implemented P2 Suggestions – Any opportunity actualized by a client as a result of one of your activities: *# of clients and # of suggestions reported from reassessment interviews, based on individual suggestions originally offered as a part of previous P3 assistance*

Outcome Measures

Note: all outcome measures reported are client reported changes derived from reassessment interviews based on past P3 technical assistance and conducted one or more years after the initial assistance (for small business projects) and two or more years after the initial assistance (for larger projects).

9. Hazardous Materials – Process input supplies and feedstocks that are toxic or hazardous: ***aggregate measures for reduced use, initial cost, and savings; aggregate range of years for recurring years***
10. Hazardous Wastes – State and/or federally listed or characteristic hazardous or toxic wastes (RCRA): ***aggregate measures for reduced generation and initial cost***
11. Air Emissions - Reduced Releases (Toxic Air, CO₂, NO_x, VOC, SO_x PM, Other) and Initial Cost: ***aggregate measures for all applicable reduced releases and initial cost***
12. Solid Waste – Waste other than RCRA hazardous wastes: ***aggregate measures for reduced generation and initial cost***
13. Energy – Any source providing usable power (Electricity, Natural Gas, Diesel, Coal, Other) and Initial Cost: ***aggregate measures for reduced use of all applicable energy sources and initial cost***
14. Water Use – Incoming raw water, from outside sources, for operations, facility use and grounds maintenance: ***aggregate measures for reduced use and initial cost***
15. Water Pollution (includes point sources, nonpoint sources, and stormwater) – Quantity of pollutant discharged (for example BOD, COD, Toxics, Nutrients, TSS, contaminants in stormwater. Includes discharges to sewer systems, septic systems, injection wells ground water, etc: ***aggregate measures for all applicable reduced releases and initial cost***