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United States
Environmental Protection
Agency

Office of the
Administrator
(1802)

EPA 100-R-00-023A
November 2000
www.epa.gov/projectxl

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Project XL: Directory of Regulatory, Policy, and Technology Innovations

2000 Comprehensive Report
Volume 1



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Project XL 2000 Comprehensive Report compiles available information on Project XL. It follows up the work started in the *Project XL 1999 Comprehensive Report* (October 1999).

This report has two volumes. *Volume 1: Directory of Regulatory, Policy, and Technology Innovations* describes more than 70 innovations being explored by Project XL. These innovations are catalogued by the core functions that are the fundamental processes and operations the U.S. Environmental Protection Agency must use in order to perform its mission to protect human health and the environment. Volume 1 presents technical and policy information relevant to each innovation.

Volume 2: Directory of Project Experiments and Results summarizes the more than 50 projects and project proposals Project XL has produced to date. The 16 projects that have been underway for a year or more are described in some detail, including, background, progress in meeting commitments, benefits for the environment, benefits for stakeholders, benefits for the project sponsor, spin-off benefits (where applicable), key issues needing resolution, lessons learned, and information resources. For the 37 projects in implementation for less than one year or still under development, only background information is given.

For a short overview of program accomplishments please see *Encouraging Innovation, Delivering Results* (September 2000) @ <http://www.epa.gov/projectxl/>.



Location of XL Projects



Projects in Implementation December 1999 or Earlier

1. Andersen Corporation, Bayport, MN
2. Atlantic Steel Redevelopment, Atlanta, GA
3. Crompton Corporation Sistersville Facility (formerly Witco), Sistersville, WV
4. DOD: Elmendorf Air Force Base, Anchorage, AK
5. DOD: Vandenberg Air Force Base, Santa Barbara County, CA
6. ExxonMobil Corporation, Fairmont, WV
7. HADCO Corporation, Derry, and Hudson, NH; Owego, NY
8. Intel Corporation, Chandler, AZ
9. Jack M. Berry Corporation, LaBelle, FL
10. Lucent Technologies, Allentown, and Reading, PA; Orlando, FL
11. Massachusetts Dept. of Environmental Protection-ERP, Commonwealth of Massachusetts
12. Merck & Co. Inc., Elkton, VA
13. Molex Incorporated, Lincoln, NE
14. New England Universities Laboratories, Boston College, University of Massachusetts-Boston, University of Vermont
15. NY State Dept. of Environmental Conservation, State of New York
16. Weyerhaeuser Company, Ogelthorpe, GA

Projects Underway or Under Development Since December 1999

17. Anne Arundel County Bioreactor, Severn, MD
18. Autoliv Automotive Safety Devices, Promontory, UT
19. Buncombe County Landfill, Buncombe County, NC
20. Chicago Regional Air Quality and Economic Development Strategy, Chicago, IL
21. City of Albuquerque, Albuquerque, NM
22. City of Columbus (XLC), Columbus, OH
23. City of Denton, Denton, TX
24. City of Fort Worth, Fort Worth, TX

25. Clermont County Watershed Management Program, (XLC) Clermont, OH
26. Crompton Corporation TBT Project, Greenwich, CT
27. DOD: Naval Station Mayport, Jacksonville, FL
28. DOD: Puget Sound Naval Shipyard, Bremerton, WA
29. Eastman Kodak Corporation, Rochester, NY; Windsor, CO; Peabody, MA; White City, OR
30. Georgia-Pacific, Big Island, VA
31. IBM East Fishkill Facility, Hopewell Junction, NY
32. IBM Semiconductor Manufacturing Facility, Essex Junction, VT
33. Imation Corporation, Camarillo, CA
34. International Paper- Effluent Improvements, Jay, ME
35. International Paper- Emissions Monitoring, Jay, ME
36. Labs21, Nationwide
37. Lead Safe Boston, Boston, MA
38. Louisville and Jefferson Counties Metropolitan Sewer Districts, Louisville and Jefferson Counties, KY
39. Metropolitan Water Reclamation District of Greater Chicago, Chicago, IL
40. Narragansett Bay Commission POTW, Providence, RI
41. National Aeronautic Space Administration White Sands Test Facility, Las Cruces, NM
42. New Jersey Department of Environmental Protection Gold Track Program, State of New Jersey
43. Ortho-McNeil Pharmaceutical, Spring House, PA
44. Pennsylvania Department of Environmental Protection, State of Pennsylvania
45. Port of Houston Authority, Houston, TX
46. PPG Industries, Inc., Pittsburgh, PA
47. Progressive Auto Insurance Company, Nationwide
48. Steele County, Minnesota (XLC), Steele County, MN
49. United Egg Producers, Nationwide
50. USFilter Recovery Systems, Inc., Roseville, MN
51. U.S. Postal Service Denver, Denver, CO
52. Waste Management, Inc. Virginia Landfill Bioreactors Project, King George and Amelia Counties, VA
53. Yolo County Bioreactor, Yolo County, CA

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