

Appendix B: Federal Agency Profiles

U.S. Environmental Protection Agency

I. Organization

The U.S. Environmental Protection Agency's (EPA) Office of Administration and Resources Management (OARM) is responsible for both facility management and ensuring that the Agency lives its mission to protect human health and the natural environment.

EPA design and construction services are overseen by the Architectural, Engineering and Asset Management Branch (AEAMB) within the Facility Management Services Division (FMSD) under the Office of Administrative Services. AEAMB employs private architectural, engineering and construction firms for most design and all construction work.

In 2000, EPA created the Sustainable Facilities Practices Branch (SFPB) within FMSD to reflect the importance that the Agency places on green building design and construction. Staffed by a branch chief, architect, national energy coordinator, and mechanical engineers and supported by contractors specializing in green building issues, SFPB serves as an advocate, coordination point, and technical advisor on sustainable practices, policies, and project implementation to EPA's facility-related organizations and personnel. SFPB also manages a Web site on EPA's own green building efforts.

<<http://www.epa.gov/greeningepa/index.htm>>

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II. Baseline Data

EPA occupies more than 140 buildings across the country, as well as two research vessels. EPA facilities account for approximately 8.9 million square feet of building space. EPA owns only 17 percent of its facilities; the rest are owned or leased by GSA.

III. Policies and Resources

As part of its mission to protect human health and the environment, EPA incorporates sustainable building principles into the siting, design, and construction of all new facilities, as well as the renovation and maintenance of existing facilities. The Agency requires Silver LEED™ certification for new significant building construction or acquisition, but strives for higher. EPA has a *Green Buildings Vision and Policy Statement* that serves as a guide for sustainable projects.

<<http://www.epa.gov/greeningepa/p2/eppgoals.htm>>

<<http://www.epa.gov/greeningepa/projects/policy.htm>>

For leased space, EPA works with GSA to incorporate its holistic, systems approach to building design and renovation wherever possible. The Agency has made an effort to improve

environmental performance through green lease riders, or amendments to traditional lease language that emphasize energy, water, and resource efficiency. Following are links to green lease riders for buildings constructed recently in Kansas City, Kansas.

<http://www.epa.gov/greeningepa/content/energy/grider_hq.htm>

<http://www.epa.gov/greeningepa/content/energy/grider_stc.htm>

In addition to Headquarters and Regional Offices, many of EPA's buildings are laboratories devoted to environmental research in support of the Agency's mission. Although laboratories are typically more energy-intensive than other facilities, EPA works to ensure that energy conservation and other sustainable features are incorporated into the design and operation of its laboratories. OARM supports the Laboratories for the 21st Century Program (Labs21), which assists Federal government and private entities in the design and operation of environmentally sustainable laboratories and is helping the U.S. Green Building Council develop environmental performance criteria for labs.

<<http://www.epa.gov/greeningepa/labs21/index.htm>>

IV. Results and Case Studies

Over the past two years, EPA completed construction of several buildings and campuses that are models of green buildings. These projects are described in the following documents:

- *EPA's Green Future for Laboratories: A Case Study of the Kansas City Science & Technology Center:*

<http://www.epa.gov/greeningepa/content/kc_brochure.pdf>

- *Off the Shelf: EPA Regional Headquarters, Kansas City, Kansas:*

<http://www.epa.gov/greeningepa/content/projects/off_shelf.pdf>

- *Green Building: EPA New England Regional Laboratory:*

<<http://www.epa.gov/ne/lab/pdfs/greenlab.pdf>>

- *Leading by Example: Two Case Studies Documenting How the Environmental Protection Agency Incorporated Environmental Features into New Buildings:* <<http://www.epa.gov/oppt/epp/pubs/grnbldg.pdf>>

- *The Greening Curve: Lessons Learned in the Design of the New EPA Campus in North Carolina:* <<http://www.epa.gov/rtp/new-bldg/environmental/thegreeningcurve-new.pdf>>