

HANFORD 2012:

Accelerating Cleanup and
Shrinking the Site

prepare for the

FUTURE

Outcome Three: Prepare for the Future

Hanford's cleanup mission is finite. As the environmental remediation work is completed, DOE is committed to fulfilling our responsibility to derive the maximum taxpayer benefits from the nation's multi-billion dollar investment in the Hanford Site.

We anticipate multiple future uses for the Hanford Site, including long-term stewardship, other DOE missions, non-DOE federal missions, and other public and private sector uses. The largest part of the Hanford Site will emphasize conservation of ecological and cultural resources and will be managed by the U.S. Fish and Wildlife Service as the Hanford Reach National Monument.

Nurturing the Laboratory

The Pacific Northwest National Laboratory (PNNL) is a major, multi-program national laboratory with many unique capabilities. Conducting over \$500 million a year in research for multiple government and private clients, and creating more than 50 regional businesses, PNNL is a key element of the foundation for Hanford's future. Its extensive scientific and technological resources address regional, national, and international concerns in support of all the national DOE missions, in such areas as environmental health, global warming, energy efficiency, environmental cleanup, scientific computing, and nonproliferation of weapons of mass destruction.

Leveraging Our Assets

DOE will leverage all of our Hanford resources – including PNNL, the Volpentest HAMMER Training Center, land, facilities, equipment, intellectual property and technologies, infrastructure and service capabilities, and a skilled workforce – to create research opportunities, new industries, and economically linked new-business clusters.

Working with the Community

DOE will work with the local communities, area Tribal Nations, and stakeholders to forecast Hanford Site trends and to understand the vision and plans these groups have for the future. We will support these plans as appropriate and tailor our own plans where possible. As cleanup progresses, we will be mindful of the impacts of our activities and seek to plan and implement them in a way that respects and supports the groups that will shape the future of Hanford, the Tri-Cities, and the region.

"The bottom line is we care about this community. We want to be a good neighbor. We'll do that by cleaning up the Hanford Site and using our resources to help with the long-term economic stability of this community. There is a future for Hanford — and it is promising."

Keith A. Klein, Manager
DOE Richland Operations Office



The Volpentest HAMMER Training Center (above) and the Environmental Molecular Science Laboratory (left).



Our Vision:

- ◆ A Hanford Site, reduced in size, whose legacy wastes are managed appropriately, whose risks to the public and the environment are greatly reduced, and whose future actions and activities recognize the values and diversity of its community
- ◆ An agency acknowledged nationally and internationally at the forefront of technology innovation and application working in concert with the local community to develop leading-edge business, industrial, occupational, and educational opportunities in the region
- ◆ An increasing national laboratory presence carrying out research at the forefront of science, making critical contributions to DOE's missions, and attracting both public and private research investment, facilities, and high-technology companies to the region
- ◆ An economically diverse and divested community whose ability to attract the next generation of high-tech niche industries is fueled, in part, by the judicious use of Site assets and capabilities
- ◆ A Hanford Site whose partnership with the community has resulted in the deployment of the technology and information infrastructure necessary to sustain and grow our community throughout the 21st century



Key Strategies and Initiatives:

- ◆ Build scientific research capability and strengthen links to the national research community in the life sciences, computational science, nanoscience and technology; support technology commercialization, economic development, and industrial partnership programs resulting in successful new technology businesses by 2005; and, carry out a 10-year facilities modernization initiative at PNNL creating new user and other facilities for the lab's expanding research roles, by 2010
- ◆ Position Hanford's experienced, educated, and highly skilled workforce to solve other national and international cleanup problems and in collaboration with other education and training providers, business and industry, and economic development organizations, provide educational and training opportunities to attract and support new local and regional high-tech businesses and industries
- ◆ Leverage Hanford assets and capabilities to assist the community in developing the advanced information technology infrastructure necessary to attract and maintain next generation businesses and industries by 2002
- ◆ Support enhanced research collaboration between DOE, PNNL, Washington State University, and other regional research and education providers, including the establishment of one or more Joint Research Institutes by 2002
- ◆ Establish an education and training industry built upon the unique capabilities of Hanford, community facilities, applied information technology, and distance-learning research, development, and application
- ◆ Engage stakeholders and members of the community in determining new missions that make effective use of Site and regional advantages, making a minimum of one major proposal by 2005
- ◆ As appropriate, redeploy Hanford land, facilities, equipment, and associated industrial infrastructure to assist local community and business development



Hanford will continue its support of key regional and national programs such as the National Utility Training Services (left) and the National Counter-Drug Center, as well as the Volpentest HAMMER Training and Education Center, the Volpentest Simulation Center, and the Laser Interferometer Gravitational Observatory.