

SMARTe Development Status

Overview

SMARTe has been under development since 2002. SMARTe integrates key elements of restoration including future land use, project participants, community involvement, preliminary environmental assessment, human and ecological risk management, economic analysis, sources of money, and liability. The initial development of SMARTe focused primarily on urban sites; however, future development will specifically address rural areas, mine-scarred land, methamphetamine sites, underground storage tank sites, Superfund sites, landfills, federal facilities, regional and local land revitalization planning, project management, and brownscapes design.

SMARTe2007

SMARTe 2007 currently contains the following elements:

- Information, links, and case studies related to the planning, social, environmental, and economic aspects of revitalization including:
 - Revitalization strategy
 - Future land use
 - Project stakeholders
 - Community involvement
 - Environmental issues
 - Assessment
 - Risk Management
 - Economic Analysis
 - Sources of Money
 - Liability
 - Other information
 - US and German model project information
 - List of internet links
 - Bibliography
 - Glossary
 - Acronyms
 - SMARTe Quality assurance information and schedule
- Analysis Tools including:
 - Public participation approaches
 - Selecting potential stakeholders
 - Net revenue calculator
 - Finding financial resources
 - Human health risk calculator (for risk assessors)
 - Site characterization (primarily for environmental practitioners)
 - Monitoring data analysis (primarily for environmental practitioners)
 - Fate and transport (primarily for environmental practitioners)

- Lists/Checklists including:
 - Land reuse options
 - Selecting a consultant
 - Selecting a lawyer
 - Purchasing a brownfield property
- Case Studies
- Links to state-specific information (map of U.S.)
- Tutorial
- Help button
- Pdf this page capability (converts web-based information to a pdf file that can be printed)
- SMARTe schematic (provides a big picture overview of SMARTe 2008)
- Search function (type any word or phrase to find it within SMARTe)
- Feedback capability (users can provide feedback at ANY location within SMARTe by clicking on the Feedback buttons).

Everything listed above is ready to be used; however, users are expected to have read the conditions of use (using the site implies agreement with these conditions) and to provide feedback regarding the usefulness and usability of the information and tools so that the site can be continually enhanced.

SMARTe2008

SMARTe 2008 will be released in October 2007. It is anticipated that the following elements will be available in SMARTe 2008:

- Complete, integrated decision support capability – allowing users to walk through the entire revitalization process and evaluate different reuse options for a specific site.
- My Project capability – allowing users to build a revitalization plan from their evaluation.

Additional enhancements may include:

- Enhanced financial resources tool
- Enhance risk assessment tool
- Risk management tool to determine options for risk management including cleanup/removal
- Vapor intrusion calculator
- Incorporation of social and ecological costs and benefits into decision analysis
- Interactive visioning tool
- Liability tool
- Fate and transport tool