

GET SMART



Site-specific Management Approaches and Redevelopment Tools (SMART)

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Project Description

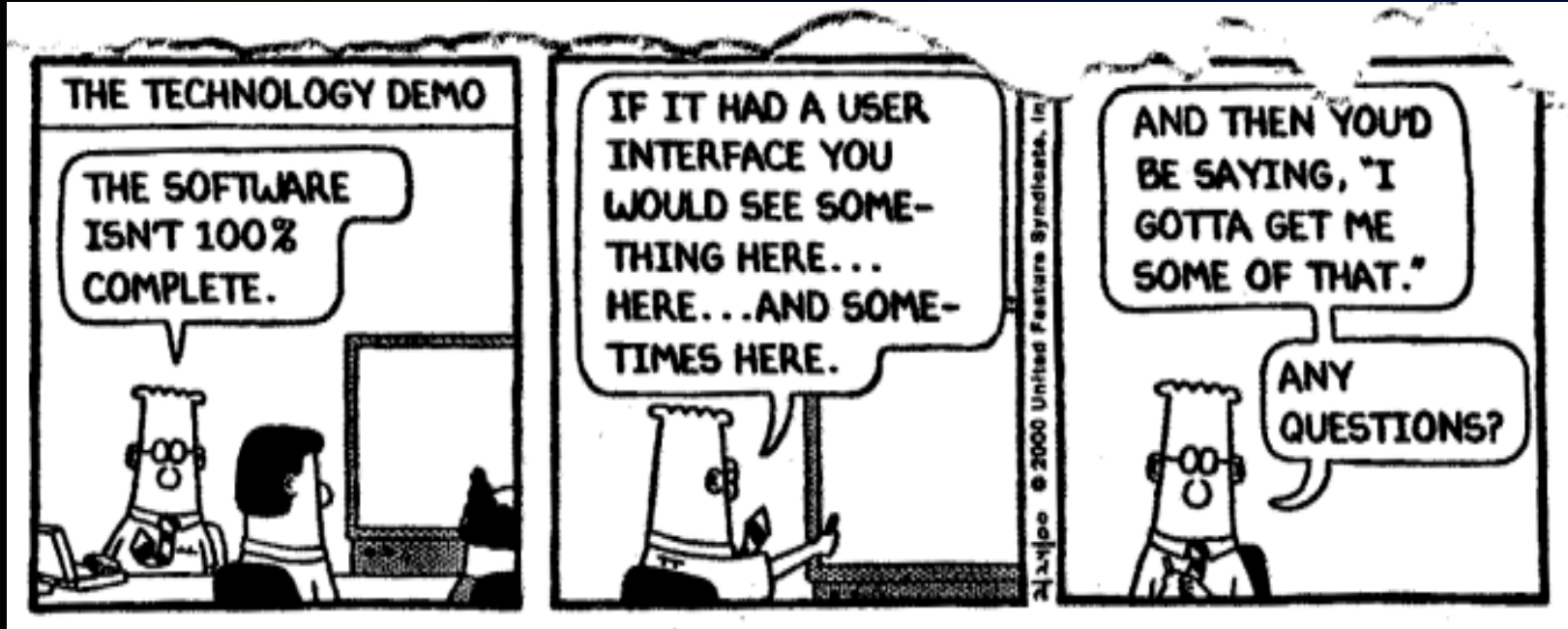
- **In 2000, the U.S.-German Bilateral Working Group conducted studies to identify elements of brownfields redevelopment and understand which elements posed the most difficulties during a redevelopment effort.**
- **The Working Group discussed tools that could be developed to assist stakeholders in overcoming the barriers to redevelopment that were identified.**
- **Site-specific Management Approaches and Redevelopment Tools (SMART) is one compilation of these tools.**

Project Description (continued)

- SMART emphasizes integrating the following areas:
 - **Vision**
 - **Environmental Risk Management**
 - **Social Acceptance**
 - **Economic Viability**

Project Description (continued)

- **Site-Specific Management Approaches and Redevelopment Tools – Electronic (SMARTe)** is a web-based, decision support tool that will house the SMART compilation including:
 - SMARTscreen
 - SMARTguidance
 - SMARTtech
 - SMART...

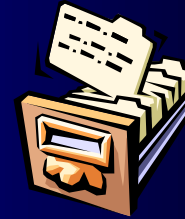


SMART

- **SMARTe will enable a user to evaluate risks, opportunities, uncertainties, costs, and benefits for various redevelopment options.**
 - **SMARTscreen is the top level that guides you to additional information (if needed) in SMARTguidance.**
 - **SMARTguidance is a summary of ideas, resources, and best practices related to redevelopment – CD available 09/30/03**
 - **SMARTtech is a summary of characterization, remediation, and long-term monitoring technologies and cultural heritage techniques – draft CD available today!**
 - **SMART... - other decision support tools need to be developed**



SMARTguidance Section



SMARTscreen



SMART



SMART...
7/23/2003



SMARTe



SMARTguidance



SMARTe

Screening Level – SMARTscreen
Resource Level – SMARTguidance
Decision Support Level – SMARTtech...

Approach

- SMART is being developed with assistance from:
 - Literature/web
 - Recognized “experts”
 - States in both countries
 - “Model” projects
 - “Beta” projects
 - Joint workshops



Approach (continued)

- Model Projects
 - Completed/Nearly complete projects
 - Used to draft the SMART Guidance (i.e., SMARTguidance)
 - Chosen with “site selection criteria” - in three categories based on redevelopment cost and value of site
 - Participants must commit time (e.g., participate in workshops, host a site visit)

Approach (continued)

- Beta Projects
 - Projects in the early stages of redevelopment
 - Given draft SMART Guidance (SMARTguidance) to plan redevelopment activities
 - Provide feedback on usefulness and usability of Guidance
 - SMART Guidance (SMARTguidance) will be revised

Approach (continued)

Joint Workshops		
11/11 & 11/12/02	Economic Tools	US
05/07 & 05/08/03	Management and Marketing Strategies	Germany
10/23 & 10/24/03	Environmental Risk Management	US
Spring 04	Social Issues	Germany
Fall 04	Sustainability	US
Spring 05	Summary	Germany

Participants

- US
 - Office of Research and Development
 - Office of Solid Waste and Emergency Response
 - Interstate Technology and Regulatory Council
 - Model and Beta Project Personnel
 - Contractor Support (Tetra Tech EMI and Neptune and Company)
- Germany
 - German Federal Ministry of Education and Research (BMBF)
 - GSF – Forschungszentrum für Umwelt und Gesundheit (GmbH)
 - University of Stuttgart
 - Ferber, Graumann und Partner
 - PROBIOTEC GmbH
 - Deutsches Institut fuer Urbanistik (DIfU)
 - Model Project Personnel

Benefits/Impacts

- SMARTe will assist stakeholders in overcoming barriers related to:
 - Private and public financing options
 - Access to pertinent state specific information
 - Access to information pertaining to remediation and characterization technologies
 - Coordination and communication between and among stakeholders

Benefits/Impacts (continued)

- SMARTe will allow stakeholders to:
 - Evaluate environmental and financial risks and opportunities
 - Assess both market and non-market costs and benefits of potential redevelopment options



Outcome

By providing potential solutions for sites where many obstacles and few benefits are perceived (i.e., facilitating the reuse of contaminated sites), SMART will promote successful, long-term brownfields redevelopment, and thus, preserve greenspace.

Audience

- Developers
- Mayors
- Insurance Companies, Bankers
- Communities
- Environmental Regulators
- State Agencies
- New and Existing Land Owners



Products/Schedule/Milestones

SMARTscreen; Draft SMART Guidance Document/CD; SMARTtech Version 1.0	09/30/03
SMARTe Screening level (with SMARTguidance and SMARTtech)	01/30/04
SMARTe development continues; Beta Projects; Draft 2 SMART Guidance (SMARTguidance)	09/30/04
SMARTe development continues; Final SMART Guidance (SMARTguidance)	09/30/05
SMARTe Beta Tested and Software Tool Finalized???	09/30/06

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