



Using EPA's Web 2.0 Tools

May 11, 2010



Web 2.0 Technologies

Includes Blogs and Wikis

Enables government agencies to better engage internal and external customers

Enhances creativity, information sharing, and collaboration among users





Web 2.0 Tools in Government

1. Provides for efficiency in communication and expression
 2. Supports current administration practices for open government
 - Transparency
 - Participation
 - Collaboration
- ... between the Government and the American public





Accomplishments

- **Deployed Web 2.0 infrastructure**
 - **Web 2.0 servers (Intranet and Extranet environment)**
 - **Shared components: extension, plug-ins, YouTube, Flickr, Web services**
 - **Web 2.0 architecture and open source environment**
 - **Incorporated WAM/single sign-on and remote access**
- **Hosted more than 150 wikis and blogs (as of 4/30/2010)**
 - **Wikis from MediaWiki over 100**
 - **Blogs from WordPress over 50 and IdeaScale**
- **Deployed Mashups, Widgets, Social Networking, Webinars/Webcasts, Audio/Podcasting and Video sharing/YouTube**
- **Established Wiki and Blog User Workgroup**
- **Continue to update and document functional, security, and operational requirements**



Examples of Deployed Wikis and Blogs

Over 150 Wiki and Blogs as of 4/30/2010	Type of Communities
<p><i>Internet Wiki and Blogs</i></p> <p>Greenversation</p> <p>National Dialogue (ND) Wiki & IT Partners Blog</p>	<p>Collaborative Outreach</p> <p>Strategic & Planning Collaboration</p>
<p><i>Intranet and Extranet Wikis and Blogs</i></p> <p>Human Resources Blog</p> <p>Region 3's Healthy Waters Priority Blog</p> <p>Region 9's Info, Indicators, Quality, Library wiki</p> <p>Library Network wiki and blog</p>	<p>Best Tools & Science & Office Collaboration</p> <ul style="list-style-type: none"> •Human Resources •Programs Outreach •Office Information •Library
<p><i>OIAA Intranet Blog and Wiki</i></p> <p>Web Community Wiki Multiple category – Web Guide, Web CMS, Council</p> <p>Web 2.0 Wiki – Web 2.0 Technology Community</p> <p>EnviroCentral Wiki – Wiki and Blog Users Workgroup and Share Components</p> <p>EPA Partnership Program Bundling – Multiple Program Partnership</p> <p>Region 6's Executive Team Community Wiki</p>	<p>Office & Work Group & User Communities</p>
<p><i>Watershed Central</i></p> <p>IAN</p> <p>Climate and Energy Measurement Wiki</p>	<p>Best Tools & Science & Office Collaboration</p> <p>Environmental</p>



EPA's Communities

Collaborative Outreach

- One-stop area to ideas, information, [policy](#), [standards](#), events, and others

Strategic & Planning Collaboration

- Preparation of Office [Strategies](#) and [Open Government](#) with [discussions](#)

Regulatory - [Pre-decisional](#), Comment Period

Environmental - Healthy Waters, Acid Rain, Watershed

Tools - Environmental Indicators Tools

Best Tools & Science & Office Collaboration

- [Human Resources](#)
- [Policy, Procedure, Documents](#) and [Data](#)
- Program Outreach
- Office Information
- [Library](#)

Office & Work Group & User Communities

- Collaboration on Office [Initiatives](#), Online Work Shops, [Professional Groups](#), Customer [Support](#), Configuration Management, Peer Reviews, Process & Improvements



Types of Web 2.0 Tools

Placeholder for screenshot



Creating a Wiki

Wiki Demonstration



Creating a Blog

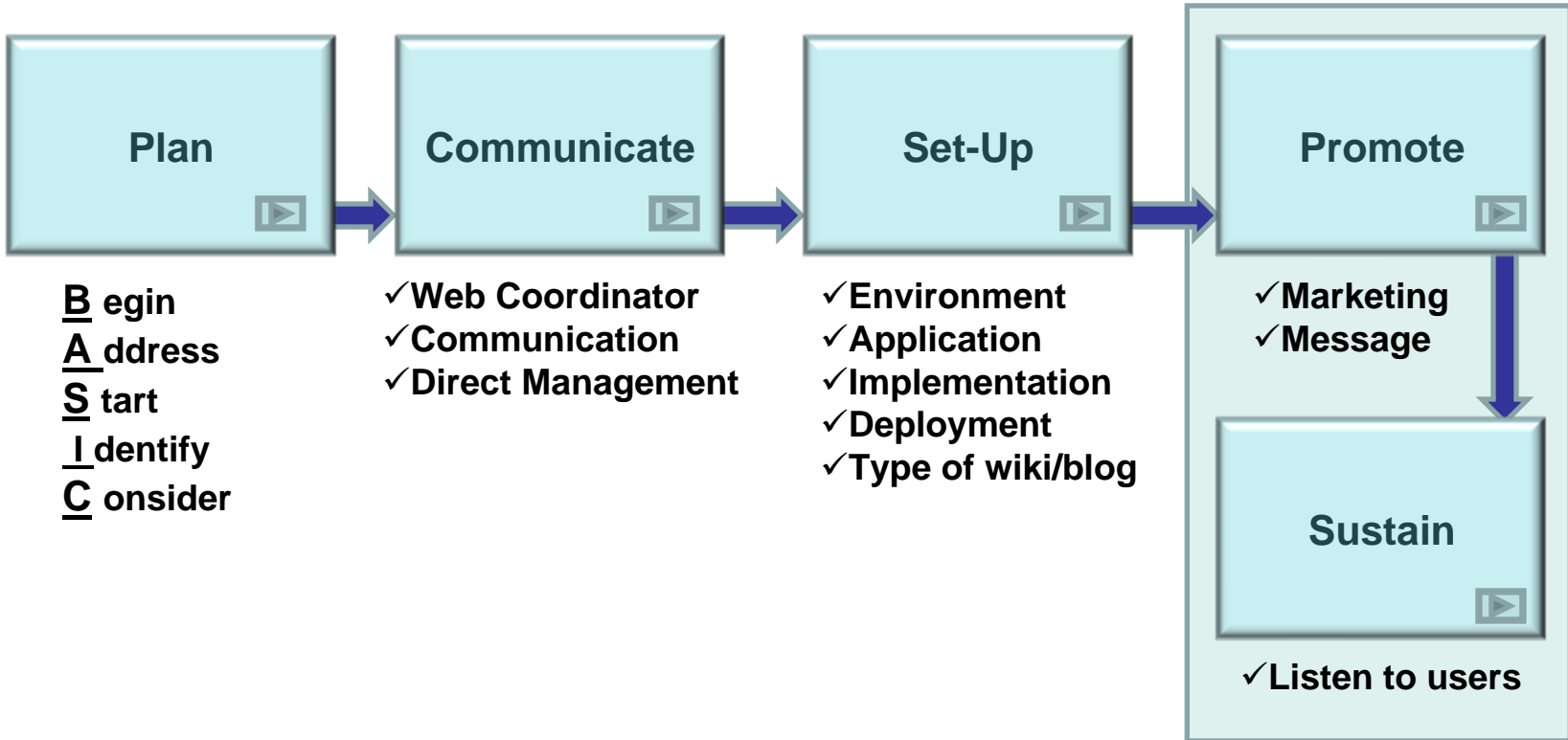
Blog Demonstration

Process Outline

Cost = No hosting charge

Time 2-4 weeks 2-4 weeks 2 weeks >2 weeks

Process



Click icon in box for details



Steps to Implementing a Blog or Wiki (cont.)

1. Talk to your manager and Web Coordinator, then to your community group to create a Blog or Wiki.
2. Plan and prepare your community - The BASIC Plan
 - **B**egin drafting and identifying your plan, objective, and purpose early
 - **A**ddress your community and business needs
 - **S**tart small “but do it for real” – build on success and feedback
 - **I**dentify the right Web 2.0 technology to address your needs
 - **C**onsider your content and the need to promote and market your site.
3. Complete the questionnaire for hosting Wikis and Blogs
<https://kestrel.rtpnc.epa.gov/questionnaire.php>.
4. Ensure your Division Director signs the questionnaire's commitment memo.



Steps to Implementing a Blog or Wiki

Participate in the Blog and Wiki Workgroup

1. Learn from one another and share your experiences
2. Understand emerging needs and technology capabilities
3. Develop and promote your user community base
4. Provide a forum for communication and feedback

For external wiki or blog contact your:

Web Content Coordinator who will contact the
Director of Web Communications in OPA for review



For Conference Purposes Only



Contact

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