Environmental Protection Agency (EPA)

Public Law 115-336, "21st Century Integrated Digital Experience Act"
December 2023 Report

Document Revision History

Date	Revision	Author	Reviewer
12/12/2019	Original	Wanda Galvan	Lin Darlington
11/2/2020	Update for 2020 Submission	Wanda Galvan	Dan Coogan
10/21/2021	Update for 2021 Submission	Wanda Galvan	Dan Coogan
10/31/2022	Update for 2022 Submission	Wanda Galvan	Dan Coogan
11/28/2023	Update for 2023 Submission	Wanda Galvan	Dan Coogan

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Prepared for Congress per the requirements of section 3(b)(2) of Public Law 115-336.

21st Century Integrated Digital Experience Act - Report to Congress on Modernizing Agency Websites and Digital Services

As required by section 3(b)(2) of Public Law 115-336,[1] the 21st Century Integrated Digital Experience Act (21C IDEA), this report includes a list of key websites and digital services operated by EPA that have been prioritized and targeted for modernization.

Background

The 21st Century IDEA requires each federal executive branch agency to provide a prioritized list of the agency's "most-viewed or utilized by the public or are otherwise important" public websites and digital services in compliance with section 3(a) of the law, and to provide an estimation of the cost and schedule to modernize those sites and services.

Overview of EPA's Web Presence

The EPA's primary public website is www.epa.gov. It is our most important channel for sharing environmental information with the American public. In FY23 www.epa.gov received approximately 10 million hits per month (down from 17 million in 2022; 20.9 million in 2021; 20 million in 2020 and 13 million in 2019) and 3.5 million unique visitors per month (down from 4.6 million in 2022; 5.8 million in 2021; 5 million in 2020 and up from 3 million in 2019). www.epa.gov is managed by EPA's Office of the Administrator (OA) / Office of Public Affairs (OPA) / Office of Web Communications (OWC) and the Office of Mission Support –Information Technology/Information Management (OMS-IT/IM) / Office of Information Management (OIM) / Information Discovery Division (IDD). Rigorous governance and management controls have been implemented to optimize adherence to 21C IDEA and other federal web management requirements (see Table 3: Summary of 21st Century IDEA Requirements).

In addition to www.epa.gov, EPA owns 12 other domains and hundreds of subdomains which serve more specialized needs for more specific audiences. These domains and subdomains are managed by the individual program offices within EPA. OWC and OMS lead a central web governance council which provides agency-wide policies, procedures, standards, and guidance to help the program offices implement web management best practices. This report shows that EPA's primary website, www.epa.gov, complies with all requirements of the 21C IDEA and it also describes the steps that EPA is taking to improve compliance on all domains.

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[1] 132 Stat. 5025-5028.

Modernization Priorities

Progress Since Last Report

In Fiscal Year (FY) 2023, EPA undertook several major initiatives to bring its web presence into compliance with the 21C IDEA.

EPA Web Inventory

In 2020 the Agency conducted its first comprehensive inventory of all web properties by compiling data from various sources including GSA's Digital Dashboard, Google Analytics, EPA's Hypertext Transfer Protocol Secure (HTTPS) Tracking Report, and EPA's Registry of Environmental Applications and Databases. In 2020, EPA reported over 450 internal and external website URL's (subdomains). In 2021, the inventory identified over 500 internal and external website URL's (subdomains) belonging to EPA. For last year's report, the inventory identified over 600 internal and external website URL's (subdomains) belonging to EPA. For this year's report, the inventory identified over 800 internal and external website URL's (subdomains) belonging to EPA. EPA continues making significant progress identifying points of contact for each website.

WebCMS Upgrade

EPA is nearly complete with work to upgrade its Web Content Management System (WebCMS) to Drupal 10. EPA has incorporated a new administrative theme, an update to Hypertext Preprocessor (PHP) version 8, and a new What You See Is What You Get (WYSIWYG) editor for making content edits easier for its users. EPA also completed a major effort to achieve hosting redundancy, by setting up multi-Amazon Web Services (AWS) Region failover and back. Such work allows www.epa.gov to continue running, even if AWS has regional issues. The application was updated six times with over 150 feature enhancements, over 75 bugfixes and security updates, and over ten accessibility improvements. In 2023, EPA's flagship website, www.epa.gov, which is managed in the WebCMS, ranked in the top 1% of the top 1,000,000 website home pages with zero accessibility errors in the world. EPA continues to promote the use of the United States Web Design System (USWDS) 3.6 implementation by www.epa.gov to additional EPA domains and subdomains so they fully meet all of the requirements of the Office of Management and Budget (OMB) Memo M-23-22, *Delivering a Digital-First Public Experience*.

Intranet Modernization

In FY19, EPA established an Intranet Council to oversee the implementation of an enterprise intranet governance framework. In FY20, EPA embarked on an Intranet Modernization effort to improve communications through consistent local and national messaging; improve collaboration by leveraging O365; increase productivity by providing easy, seamless access to information, tools, and services; and improve efficiency by implementing industry-leading web management best practices. In FY21, EPA conducted an Enterprise Content Management System (Intranet CMS) pilot based on the newly released United States Web Design System 2.0. In FY22, EPA successfully launched its new Intranet CMS which fully complies with the 21C IDEA by using an open-source Drupal-based platform to implement internal web management directives including procedures, standards, and guidance. The new design also uses the USWDS 2.0 code library, tools, guidance, user research, and modern best practices to make it easier to manage, organize, and present EPA's internal enterprise content in a way that meets evolving information needs. In FY23, EPA began the work to migrate their on-premise Intranet CMS environment to the cloud. In FY24, EPA migrated the Intranet CMS to the Amazon Web Services (AWS) Cloud

and will begin the upgrade to Drupal 10, incorporating a new administrative theme, an update to Hypertext Preprocessor (PHP) version 8 and USWDS 3.3.

Web Compliance Monitoring

EPA will expand its Web Analytics capabilities to more subdomains in FY24 to provide more granular data to monitor and track improvements in compliance with 21C IDEA. Additionally, to track EPA's subdomains (both internal and external), EPA modified its procedures for requesting new subdomains to stop the uncontrolled proliferation of new websites and to require that new subdomains are created in compliance with 21C IDEA and other Federal Web management requirements.

In FY22 EPA served as the first Agency to participate in a pilot with GSA to report out on the status of 21C IDEA compliance at the subdomain level on digitaldashboard.gov (DD). The subdomain pilot went live on April 2022 which included 20 EPA subdomains on GSA's Digital Dashboard. The subdomain DD pilot provided great insight on the status of EPA's website compliance, and the ability to prioritize improvements needed.

All of EPA's public web domains and subdomains on GSA's Digital Dashboard and IT Dashboard have achieved full compliance with the Digital Analytics Program (DAP) using EPA Google Tag Manager. IDD will continue to monitor, track, and assist programs in improving compliance.

In FY23, IDD focused on improving HTTPS requirements for both its public and intranet websites in partnership with the Office of Information Security and Privacy (OISP). EPA will be applying the HTTPS Strict Transport Security (HSTS) protocol on the epa.gov root domain by the end of December 2023.This means that every subdomain on epa.gov will enforce HTTPS and will not be accessible through an insecure connection (i.e., via HTTP). That includes public sites like www.epa.gov, extranet sites like cdx.epa.gov, and intranet sites like work.epa.gov. Also, in FY23, IDD partnered with the Section 508 Team to reduce the number of missing alt tags on public pages from 12% to 3%. IDD is currently working on the deployment of the Web Tools Intranet Site Scanner which is an open-source tool that run accessibility tests on intranet pages.

Lastly, EPA will assess the utility of the IT Dashboard to replace any existing quality or compliance services managed internally to see if cost savings can be achieved through leveraging the results of Dashboard services as an alternative.

Data Collection Methodology

Back in 2019 data for this report was collected by surveying all EPA domain owners across the Agency. Each domain point of contact was asked to provide their best estimate of the degree to which the web pages on their domain complied with the 21C IDEA and other federal web management requirements.

Since 2020 EPA started collecting data using web analytics tools, digitaldashboard.gov, and EPA's Web Governance Framework and on-site reviews. EPA used digitaldashboard.gov to collect objective data for 2 out of the 8 requirements from the 21C IDEA. They include accessibility and mobile-ready. For this year's report, EPA used itdashboard.gov to collect objective data for 4 out of the 8 requirements from the 21C IDEA. They include accessibility, secure connection, data driven design and mobile-ready. Itdashboard.gov is a federal website managed by GSA that provides information about Federal Websites' compliance with OMB directives and conformance to best practices and industry standards. The IT Dashboard Federal Web Metrics includes data for the 26 IT Portfolio Management (ITPM) reporting agencies (per OMB Circular A-11 section 55). The data is collected from automated scans of public-facing websites for these 26 IT Portfolio Management reporting agencies. The list of public-facing websites for the 26 IT Portfolio Management agencies

are provided by GSA's [Site Scanning program](). EPA's Web Governance Framework was used for eliminating redundancy and on-site reviews for identifying consistency, search and customization. A summary of results can be found in Table 3: Summary of the 21st Century IDEA Requirements – EPA Domains; Table 4: Summary of the 21st Century IDEA Requirements – EPA's Most Visited Subdomains. EPA is using these tools to measure compliance with the 21C IDEA requirements on EPA's subdomains as well.

Key Websites and Digital Services

EPA has identified the following websites and digital services as high-traffic and/or important for public engagement:

Table 1: Prioritization of EPAs Websites

Priority	DotGov Domain	Description
1	EPA.GOV	EPA.GOV is EPA's primary public access communication channel to communicate environmental and human health information to the American public.
2	AIRKNOWLEDGE.GOV	AirKnowledge is a partnership training program in the U.S. Environmental Protection Agency's (EPA's) Office of Air Quality Planning and Standards (OAQPS). AirKnowledge develops training material focused on the Clean Air Act program areas managed by OAQPS.
3	AIRNOW.GOV	AirNow is the vehicle for providing timely Air Quality Index (AQI) information to the public, media outlets, other federal agencies and their applications, and to the research community.
4	ENERGYSTAR.GOV	ENERGY STAR is a U.S. Environmental Protection Agency voluntary program that helps businesses and individuals save money and protect our climate through superior energy efficiency.
5	EPAOIG.GOV	EPAOIG supports the Office of Inspector General's (OIG) requirement to deliver IG-specific content to the public from a website that is managed independently from the EPA's primary domain (epa.gov) to indicate the OIG's independent chain of authority.
6	FEDCENTER.GOV	FedCenter.gov is the federal government's home for comprehensive environmental stewardship and compliance assistance information for federal facility managers and their agencies.

7	FRTR.GOV	The Federal Remediation Technologies Roundtable (FRTR) works to build a collaborative atmosphere among federal agencies involved in hazardous waste site cleanup.
8	GREENGOV.GOV	GreenGov.Gov mirrors the Office of Federal Sustainability (OFS) domain.
9	SUSTAINABILITY.GOV	The Office of Federal Sustainability (OFS) coordinates policy to promote energy and environmental sustainability across federal government operations.

Table 2: Excluded Domains

The table below shows the domains which were excluded from the estimates and the reasons.

Domain Name	Reason for exclusion
cbi-epa.gov	This is not a public website
FOIAonline.gov	FOIAonline was decommissioned in September 2023 and is no longer operational
glnpo.gov	Under development; not active yet
relocatefeds.gov	Redirect
urbanwaters.gov	Redirect

Table 3: Summary of 21st Century IDEA Requirements – EPA Domains

The table below lists the website modernization requirements of the 21C IDEA, and shows, for each domain, whether it complies with the requirements based on scores from IT Dashboard, EPA's Web Governance Framework and on-site reviews accordingly.

Legend:
✓ 100% compliance with the specific requirement
× 0% compliance with the specific requirement
O This requirement is optional
- Data not available

EPA Domains Website URL's	Requirements of 21C IDEA							
	Accessibility Section 3(a)(1)	Consistent Look & Feel Section 3(a)(2)	Eliminate Redundancy Section 3(a)(3)	Search Section 3(a)(4)	Secure Connections Section 3(a)(5)	Data Driven Design Section 3(a)(6)	Customization Section 3(a)(7)	Mobile-Ready Section 3(a)(8)
airknowledge.gov	×	✓	✓	✓	✓	✓	O	✓
airnow.gov	✓	✓	✓	✓	✓	✓	O	-
energystar.gov	×	✓	✓	✓	✓	✓	O	-
epa.gov	✓	✓	✓	✓	✓	✓	O	✓
epaoig.gov	×	✓	✓	✓	✓	✓	O	-
fedcenter.gov	-	✓	✓	✓	✓	✓	✓	-
frtr.gov	-	✓	✓	✓	✓	✓	O	✓
greengov.gov	×	✓	✓	✓	✓	✓	O	✓

sustainability.gov	×	✓	✓	✓	✓	✓	O	-

Table 4: Summary of 21st Century IDEA Requirements – EPA's Most Visited Subdomains

The table below lists the website modernization requirements of the 21C IDEA, and shows, EPA's most visited subdomains with more than 1.1 million views in 2023, whether it complies with the requirements based on scores from IT Dashboard, EPA's Web Governance Framework and on-site reviews accordingly.

Legend:
- ✓   100% compliance with the specific requirement
- ×   0% compliance with the specific requirement
- O   This requirement is optional
- -   Data not available
- N/A   Not applicable (e.g., warning and login pages are exempt from the DAP requirement)

EPA's Most Visited Subdomains in 2023	Requirements of 21C IDEA							
	Accessibility Section 3(a)(1)	Consistent Look & Feel Section 3(a)(2)	Eliminate Redundancy Section 3(a)(3)	Search Section 3(a)(4)	Secure Connections Section 3(a)(5)	Data Driven Design Section 3(a)(6)	Customization Section 3(a)(7)	Mobile-Ready Section 3(a)(8)
cdx.epa.gov	×	✓	✓	×	✓	✓	✓	✓
cfpub.epa.gov	✓	✓	✓	×	✓	✓	O	×
comptox.epa.gov	✓	✓	✓	✓	✓	✓	O	-
cumulis.epa.gov	-	✓	✓	✓	✓	✓	O	-
echo.epa.gov	×	✓	✓	✓	✓	✓	✓	✓
enviro.epa.gov	×	✓	✓	✓	✓	✓	O	×
espanol.epa.gov	✓	✓	✓	✓	✓	✓	O	✓
fire.airnow.gov	×	✓	✓	✓	✓	✓	O	✓
gispub.epa.gov	✓	×	✓	×	✓	✓	✓	-
mobilefire.airnow.gov	×	✓	✓	✓	✓	✓	O	✓
mywaterway.epa.gov	×	✓	✓	✓	✓	✓	O	✓
nepis.epa.gov	×	✓	✓	✓	✓	✓	O	✓
netdmr.epa.gov	×	✓	✓	×	✓	✓	✓	-
ordspub.epa.gov	✓	✓	✓	-	✓	N/A	O	✓
rcrapublic.epa.gov	✓	✓	✓	✓	✓	✓	O	✓
search.epa.gov	-	✓	✓	-	✓	✓	O	-
sor.epa.gov	×	✓	✓	✓	✓	✓	✓	-
trimewebmod.epa.gov	-	✓	✓	×	✓	✓	✓	-
widget.airnow.gov	✓	✓	✓	✓	✓	✓	O	-

Implementing Requirements

The section below explains how EPA complies with each of the 21C IDEA requirements.

Section 3(a)(1) Ensure Accessibility for Individuals with Disabilities

EPA is committed to the principle that people with disabilities should have comparable access to accessible information and communication technology. EPA has tools and staff dedicated to ensuring implementation of this requirement on www.epa.gov however additional tools and resources are required to accurately measure and track remediation on all EPA domains and subdomains. The programs and resources that support this requirement include:

- **Section 508 Program** - EPA's Section 508 Program provides agencywide coordination and oversight to ensure compliance with federal accessibility requirements.
- **EPA Section 508 Compliance Assessment and Remediation Plan** - EPA's Section 508 Compliance Assessment and Remediation Plan assesses and enhances the accessibility of EPA's existing Information and Communications Technology, while also developing a baseline from which to measure improvements and providing a framework for focusing EPA's Section 508 efforts moving forward.
- **Drupal WebCMS** - EPA's agencywide, content management system has a Section508 compliance certification requirement before publishing to www.epa.gov.
- **Web Analytics Program** - EPA's Web Analytics program supports the Agency's 508 goals by providing tools to help identify and recommend solutions regarding the conformance of www.epa.gov webpages.

The results for accessibility were collected from the IT Dashboard Report dated October 31, 2023, and compliance was determined by the total number of accessibility issues. Websites without any accessibility issues were considered compliant. Websites with accessibility issues were considered non-compliant. IT Dashboard accessibility module scans for certain common accessibility issues such as color contrast issues, HTML attribute issues and missing image description.

Section 3(a)(2) Ensure a Consistent Look and Feel Across Websites

All of EPA's public content pages or web applications are required to use the One EPA Web look and feel which is based on the United States Web Design System: USWDS. The "look and feel" enables each web page to be clearly identified on EPA's public access website as belonging to EPA and ensures that each page has required navigational and other design elements. The EPA has tools and staff dedicated to ensuring implementation of this requirement on www.epa.gov.

The results for consistency were determined by an on-site review. All domains were manually inspected. Numerous pages from each domain were spot checked, determining a consistent look and feel. Domains with a consistent header and footer throughout all pages were considered compliant. Domains without a consistent header and footer were considered non-compliant.

Initiatives that support this requirement include:

- **EPA Content Review and Approval Process** - EPA's Office of Web Communications reviews all new or redesigned web content before it is published. This review helps ensure a consistent look and feel across EPA's websites.

- **Procedure: Complying with EPA.gov "Look and Feel"** - This procedure defines the requirement to use a standard layout for EPA's public access webpages and Web applications so that they are published with a consistent "Look and Feel." The steps for requesting a waiver or exemption from using required specifications of the EPA "Look and Feel" are also included in this procedure. The following types of pages are exempt from the "Look and Feel" specifications and require registration, but do not need a waiver: Partnership Sites, Kid Pages, Tracking Statistics, and Extranet Sites.

- **Web Standards: Look and Feel Template** - This standard template provides the look and feel for the top and bottom of each EPA webpage. The WebCMS produces this look and feel automatically. All applications should use the standalone template.

- **Standalone Template for Applications** – EPA maintains a Standalone One EPA Web Template with the EPA Look and Feel which can be used for all data and content not in the Drupal WebCMS. Content owners can wrap this template around application code, to apply the EPA look and feel to their applications.

- **EPA Native and Hybrid Mobile App Look and Feel Guidance** - Describes the look and feel requirements for mobile hybrid and native mobile applications.

Section 3(a)(3) Eliminate Redundancy

Identifying and eliminating content that is redundant, outdated, or trivial (ROT) is an important part of regular review. ROT interferes with search results and makes it harder for people to find what they are looking for, erodes the credibility and authority of EPA web content, increases costs for maintenance and data storage, and makes site management more time-consuming and burdensome.

EPA's Web Governance provides a framework for reviewing and approving websites before they are set up. The EPA has provided tools and resources to staff to ensure implementation of this requirement and to prevent redundancy. EPA will remain focused on acquiring and implementing Web Analytics tools to provide more detailed measurements of ROT.

Initiatives that support this requirement include:

- **EPA ROT Guidance** - Domain owners and web content managers must follow this EPA guidance which explains steps that content owners must take to review content and remove redundant, outdated, and/or trivial information.

- **EPA Content Review and Approval Process** - EPA's Office of Web Communications reviews all new or redesigned web content before it is published. This review helps prevent redundant content from being published.

Section 3(a)(4) Make Information Searchable and Discoverable

Search functions are important to improving the web visitor experience and for reaching users who primarily rely on commercial search engines to find information.

Search compliance was determined by on-site reviews. Websites with search engines were

considered compliant and ones without it non-compliant.

Initiatives that support this requirement include:

- **EPA Search Engine** - EPA is currently using the Lucid Works Fusion Search Engine. The Search interface is built into the standard template, so search appears on every page. EPA's search collection is available to both EPA's search engine and external search engines such as Google and Bing.

- [**Guidance on Coding forms for Metadata Search**](#) - EPA provides content owners with guidance on coding their content to include the proper metadata to improve discoverability.

- **Reducing Search Exits** – EPA uses web analytics data to identify the number of search exits so we can take step to improve our search engine. Reductions in search exits indicate that website visitors are finding the information they need using the search engine.

- **Reducing Search Refinement** - EPA uses web analytics data to identify the number of search refinements to improve the agency's search engine. Reductions in search refinements indicate that website visitors are finding the information they need with fewer searches.

- **Best Bets** – EPA reviews the Foresee survey results and Google Analytics data to find popular search terms and manually updates the list of "Best Bets" to ensure that best results show up first.

Section 3(a)(5) Use Secure Connections

EPA takes steps to ensure that all offices within the Agency meet the minimum-security requirements defined in the Federal Information Processing Standards (FIPS) Publication 200. Existing sites on www.epa.gov have been transitioned to HTTPS and any new sites will be HTTPS as well. The EPA has tools and staff dedicated to ensuring implementation of this requirement on www.epa.gov.

The secure connections compliance was determined by using the results from the [IT Dashboard](#) Report dated October 31, 2023. The websites secure connections compliance was measured by different metrics such as: enabling and enforcing Hypertext Transfer Protocol Secure (HTTPS), and enabling HTTP Strict Transport Security (HSTS). Websites that satisfied these metrics above were considered compliant.

Initiatives that support this requirement include:

- **DHS CISA Report** - This report measures the presence and enforcement of HTTPS for Environmental Protection Agency's publicly accessible domains and subdomains.

- **Information Security Program** - EPA's Information Security Program oversees and coordinates implementation of policies, procedures, standards, and guidance to ensure that EPA's websites meet minimum federal website security management requirements.

- [**EPA's Information Security Policy**](#) - This policy establishes a security policy for EPA's national data communications network.

- [**Procedure: Obtaining an EPA.gov Subdomain**](#) - EPA's procedure for registering new subdomains helps ensure that all new sites comply with the HTTPS requirement.

Section 3(a)(6) Data Driven Design

EPA is dedicated to using quantitative and qualitative data to drive improvements to our website.

The data driven design compliance was determined by using the results from the [IT Dashboard](#) Report dated October 31, 2023. GSA's [Site Scanning](#) is used to obtain the [Digital Analytics Program (DAP) website participation](#). The DAP is a central, shared web analytics service for federal agencies of the United States Government, managed by GSA. Website participating in the DAP Program were considered DAP compliant and non-participant websites were considered non-DAP compliant.

Initiatives that support this requirement include:

- [**Digital Dashboard Report for DAP**](#) - Google Analytics reports EPA web stats to the GSA Digital Analytics Program (DAP).

- [**Procedure: Google Analytics (GA) Event Tracking**](#) - EPA has a procedure that requires google analytics code on all public web content so we can provide usable data to the DAP.

- **Web Analytics** - EPA also uses Google Analytics for web traffic and the Foresee survey for user feedback. Both tools are on the list of GSA-approved tools, so they comply with the OMB requirements and are approved for federal use.

- **Web Analytics Training** - EPA offers a variety of courses on web management best practices and using web analytics data to drive website improvements.

Section 3(a)(7) Customization

EPA's Central Data Exchange (CDX) is the only domain that provides a more customized digital experience by allowing users to login and complete digital transactions in an efficient and accurate manner.

The customization compliance was determined by on-site reviews. Websites with a login screen were considered compliant. However, this requirement is optional so websites without a login screen were not consider non-compliant.

Section 3(a)(8) Provide Access to Government Information on Multiple Devices; Mobile-Ready

Mobile sites and applications can provide increased visibility to the Agency's mission, while also helping us provide value to our external stakeholders.

The mobile-ready results were collected from the [IT Dashboard](#) Report dated October 31, 2023. The results were based on a usability status (i.e., mobile friendly, not mobile friendly). Mobile friendly websites were considered compliant and not mobile friendly non-compliant.

- **Mobile Application Development Strategy** - EPA's Mobile Application Development Strategy provides guidance on mobile app development and outlines the various development options including Mobile Web App Development, Hybrid App Development, and Native Mobile App Development.

- [**Web Standards: Look and Feel Template**](#) - EPA's standard template provides a responsive design so that EPA web content can be displayed on a variety of devices and window or screen sizes.

- [**EPA Native and Hybrid Mobile App Look and Feel Guidance**](#) - Describes the look and feel requirements for mobile hybrid and native mobile applications.

Cost Estimation Methodology

The numbers of hours estimated to bring websites into compliance were projected based on best estimates from the domain owners. The dollar estimates were calculated based on an assumption of an average of $165 per hour contracting rate. As EPA moves forward with website modernization, the Agency will refine these estimates.

Table 5: Domains Estimated Costs and Schedules

From Table 1, EPA has prioritized the following websites and digital services. The table below includes an estimated cost of modernization to comply with the requirements in section 3(a) of the 21st Century IDEA, as well as other federal web management requirements (such as: Privacy, Quality, Records Management, Plain Language, Multilingual Content, Mandatory Content, and IPv6).

Website/Digital Service Requiring Modernization	Estimated Cost	Estimated Schedule
EPA.GOV	$7,524,660	45,604 hours of effort
AIRKNOWLEDGE.GOV	Unknown	N/A
AIRNOW.GOV	$405,405	2,457 hours of effort
ENERGYSTAR.GOV	$726,000	4,400 hours of effort
EPAOIG.GOV	Unknown	N/A
FEDCENTER.GOV	Unknown	N/A
FRTR.GOV	$66,000	400 hours of effort
GREENGOV.GOV*	Unknown	N/A
SUSTAINABILITY.GOV*	Unknown	N/A
CBI-EPA.GOV**	Unknown	N/A
FOIAONLINE.GOV***	Unknown	N/A
GLNPO.GOV****	Unknown	N/A
RELOCATEFEDS.GOV*****	Unknown	N/A
URBANWATERS.GOV*****	Unknown	N/A
Total	**$8,722,065**	**53,075 hours of effort**

Legend:
- *   Domain managed by CEQ; cost estimate is unknown.
- **   Domain is not public.
- ***   Domain was decommissioned in September 2023.
- ****   Domain still under development. Not active yet.
- ***** Redirect

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Vaughn Noga, Chief Information Officer
and Deputy Assistant Administrator for Information Technology / Information Management,
Office of Mission Support (OMS)

Appendix A

The following is a list of EPA's external domains and subdomains. This report contains objective data about domains and subdomains included in GSA's IT Dashboard. EPA used data from itdashboard.gov to provide objective data about domain and subdomain compliance with Federal web management requirements. EPA needs to acquire additional tools and devote additional resources to obtain accurate measurements for 800+ internal and external subdomains (except for www.epa.gov, which already has dedicated tools and resources).

19january2017snapshot.epa.gov	encromerrdev.epacdxnode.net	owlspub.epa.gov
19january2021.snapshot.epa.gov	encromerrtest.epacdxnode.net	owshiny.epa.gov
3dhrs.epa.gov	ends2.epa.gov	owsrf.epa.gov
aams.epa.gov	ends2.epacdxnode.net	owsrfprod.epa.gov
acres5.epa.gov	ends2dev.epacdxnode.net	ozone.epa.gov
acres6.epa.gov	energystar.gov	ozoneairqualitystandards.epa.gov
actor.epa.gov	enservices.epa.gov	p2grantsplus.epa.gov
actorws.epa.gov	enservicesdev.epacdxnode.net	p2rmis.epa.gov
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airknowledge.gov	enviro.staging.epa.gov	partek-stg.epa.gov
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api-ccte-stg.epa.gov	epamap33.epa.gov	pgp.epa.gov
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appsdevgw.epacdx.net	epamap37.epa.gov	pinter01.epa.gov
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