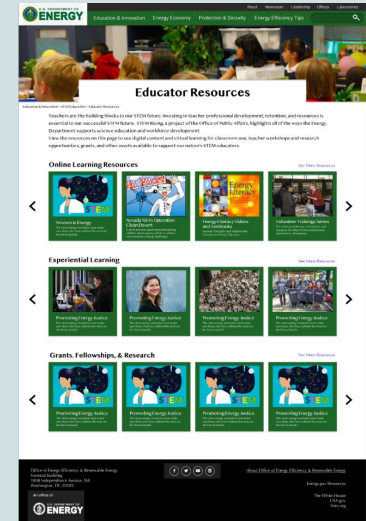
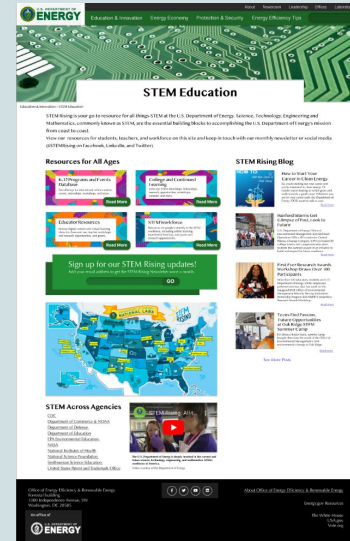


Energy.gov Redesign

Department of Energy

Elise Mary Lanigan



Project Overview

DOE Redesign

Problem: The current Department of Energy website is full of great materials, but many of them are outdated and difficult to locate amidst the extensive sitemap.

Solution: A simplified sitemap and easy-to-navigate design for the DOE website would empower users to find current news and updated information to share with their students and/or peers.

UX Designer - Elise Mary Lanigan

Team Members for User Research - Nick Peterson & Edward Feldman

Tools: Figma, Miro, Pinterest, Invision

ENERGY.GOV


user interface analysis

Elise Mary Lanigan | Nick Peterson | Edward Feldman

module 8

proto persona

<p>Humanize</p> <p>Margaret Tschida Middle school science teacher Aged 54</p>	<p>Behavioral Demographics</p> <p>Married with 3 children Passionate about the environment Master's Degree Not super tech savvy Lifelong learner</p>
<p>User Goals & Needs</p> <p>Provide age appropriate and accurate info about energy sources and consumption for her class curriculum</p> <p>Easily find information from a trusted source without having to spend too much time</p>	<p>User Pain Points / Frustrations</p> <p>Only finding adult-oriented resources</p> <p>Current curriculum isn't up to date with the climate and renewable energy advancements</p> <p>Feeling a responsibility to teach about energy issues but not having the resources to do so</p>



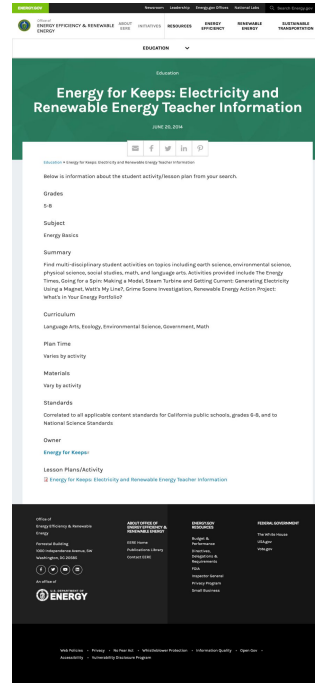
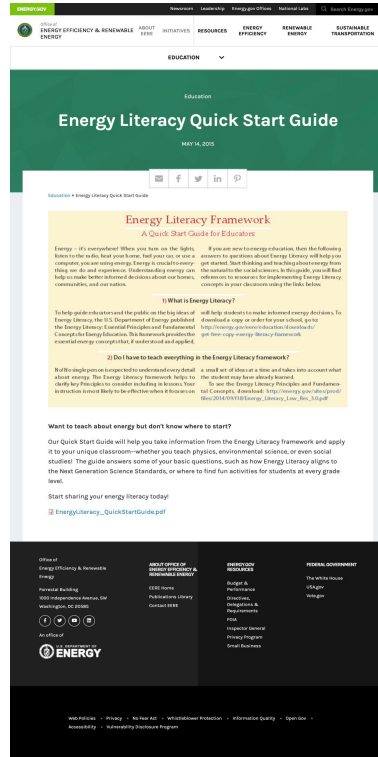
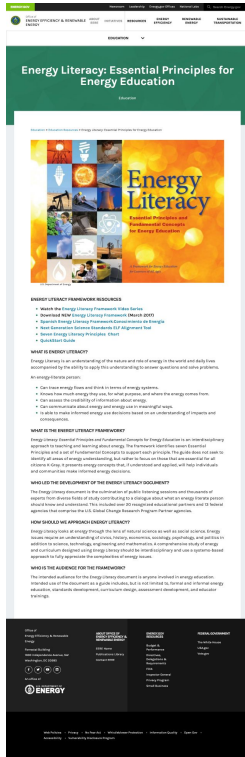
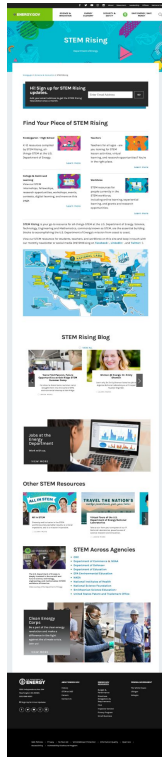
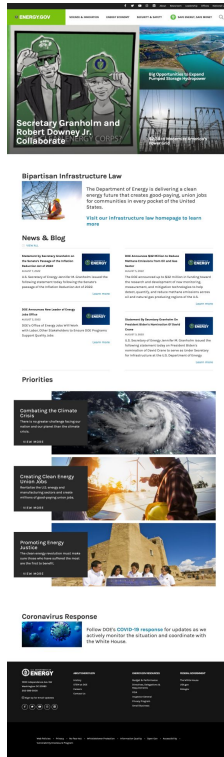
Our typical user path

Our user, Margaret Tschida, visits the Energy.gov website to find resources for her middle school science classroom. The current materials they have are outdated, so she wants the most up-to-date and age-appropriate information to teach her students about renewable energy.

[link](#)

user path

Figma link



- Annotations**
1. Navigation menu
 2. Hero image with Secretary Granholm and Robert Downey Jr.
 3. 'Bipartisan Infrastructure Law' headline
 4. 'News & Blog' section

- Annotations**
1. 'About' header
 2. 'Our Mission' section
 3. 'Our History' section

- Annotations**
1. 'STEM Rising' header
 2. 'Sign up for STEM Rising opportunities' form
 3. 'Find Your Piece of STEM Rising' section

- Annotations**
1. 'Teachers' header
 2. 'Online Learning Resources' section

- Annotations**
1. 'Energy Literacy' header
 2. 'Essential Principles and Foundational Concepts for Energy Education' section

- Annotations**
1. 'Energy Literacy Quick Start Guide' header
 2. 'Energy Literacy Framework' section

- Annotations**
1. 'Energy Literacy' header
 2. 'Essential Principles and Foundational Concepts for Energy Education' section

- Annotations**
1. 'Energy for Keeps: Electricity and Renewable Energy Teacher Information' header
 2. 'Teacher Information' section

pre-user test redline

testing results

[Link to miro board](#) [Link to recordings](#)

Similar Resources in other areas

found an infographic with energy lesson plans under a completely different STEM energy resources section

found a page called "educational resource details of the STEM section in the information Center"

Finds same resource as light yellow under "clean energy resources"

arrived at completely different PDF guide

I think I found what I was looking for

had issues finding the right resources

"took me a minute to find everything"

Opened and scrolled through wrong PDF

Finds another free teacher guide download under energy efficiency

Lost in Other Sections

looks under "energy efficiency"

"energy efficiency" was not simple enough to understand language

goes to "technical assistance" for teaching information

clicks under "energy sources"

was led to department of education website by accident

Menus Aren't Clear

can't find education in the nav bar

Looking under all menus

Went into many different menus

none of the nav bar items look like education

Pages are too long and links aren't prominent

So much copy to look through

lots of copy to read

lots of scrolling

everything is nested too deep

didn't like all links at the bottom of the pages

Path and Location Within Site Isn't Clear

"I don't even know where I am at"

Logging through the website through different links that end up in the same place

Not a clear path

"I'm thinking I don't know where I should be"

Confusion on Energy Literacy Page

Clicked on video series

clicks on the video series instead of guide

energy literacy options confused user

Clicked into QuickStart guide by chance

Clicked into QuickStart guide by chance

confused by the description of quickstart guide

Looked at Energy Literacy PDF twice

ended up on literacy update page

STEM Language Isolating

"STEM" doesn't click on it for a while because not sure

STEM is not universally understood

Unsure if STEM was correct area for education resources

Confusion on STEM Page

clicks under STEM but the web page is too overwhelming

teacher guides were not in the STEM section clearly

went to different teacher resource (K-12)

took a long time to find lesson plan

chose to look under "High School instead of "Teachers" which just leads to a resource database of events"

confused by the two options side-by-side

A lot of links that look like they could lead to lesson plans

Looking through other resource types

selected a workshop as a lesson plan

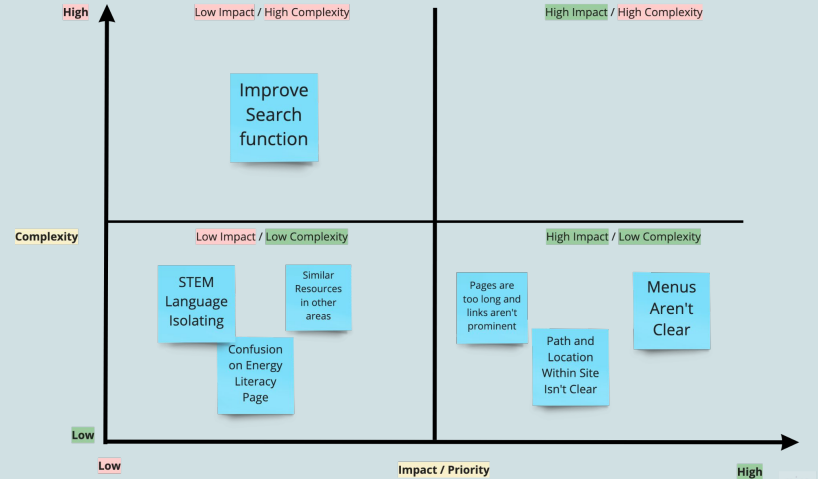
looking through blog posts

Search Function

want to search for it

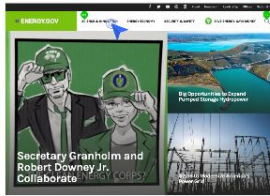
Trying to use search functionality

Feature Prioritization Map



Feelings / Thoughts

- Not Intuitive:** "energy literacy" is not an intuitive title; "well, it's not intuitive"
- Disheartening:** "I don't know as an educator if I want able to find within the first couple minutes if I would keep looking"; "makes me feel like I want to get off"
- Frustration:** feeling frustrated; "it's too cumbersome"; "this is difficult"
- Self Doubt:** "I'm sorry I don't know"; gives up on second task



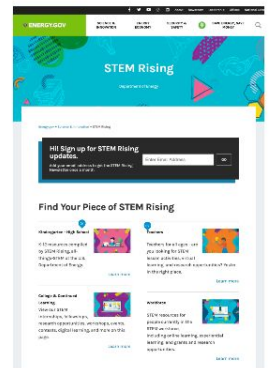
- Announcements**
- 1 Secretary Granholm and Robert Downey Jr. Collaborate
 - 2 Big Opportunities for Clean Energy Storage



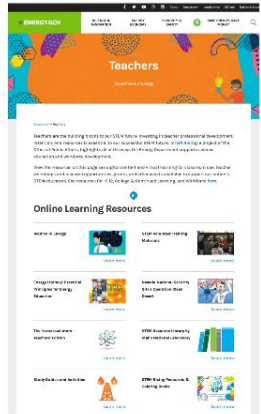
- News & Blog**
- 1 Bipartisan Infrastructure Law
 - 2 Clean Energy Jobs
 - 3 Energy Storage
 - 4 Clean Energy
 - 5 Energy Storage
 - 6 Clean Energy
 - 7 Energy Storage
 - 8 Clean Energy
 - 9 Energy Storage
 - 10 Clean Energy



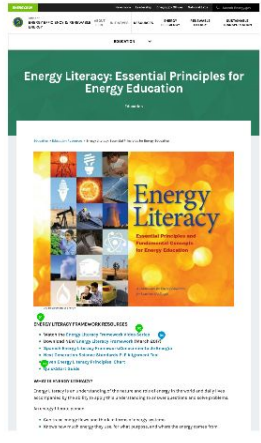
- Announcements**
- 1 Sign up for STEM Rising updates
 - 2 Clean Energy Jobs
 - 3 Energy Storage
 - 4 Clean Energy
 - 5 Energy Storage
 - 6 Clean Energy
 - 7 Energy Storage
 - 8 Clean Energy
 - 9 Energy Storage
 - 10 Clean Energy



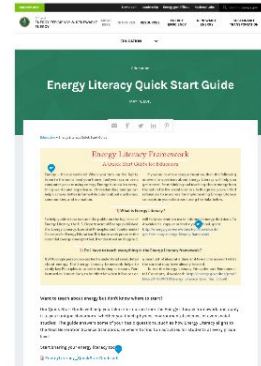
- Announcements**
- 1 Find Your Piece of STEM Rising
 - 2 Clean Energy Jobs
 - 3 Energy Storage
 - 4 Clean Energy
 - 5 Energy Storage
 - 6 Clean Energy
 - 7 Energy Storage
 - 8 Clean Energy
 - 9 Energy Storage
 - 10 Clean Energy



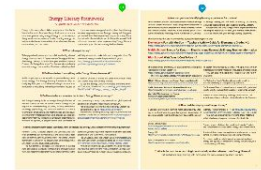
- Announcements**
- 1 Helping you bring STEM to your classroom
 - 2 Clean Energy Jobs
 - 3 Energy Storage
 - 4 Clean Energy
 - 5 Energy Storage
 - 6 Clean Energy
 - 7 Energy Storage
 - 8 Clean Energy
 - 9 Energy Storage
 - 10 Clean Energy



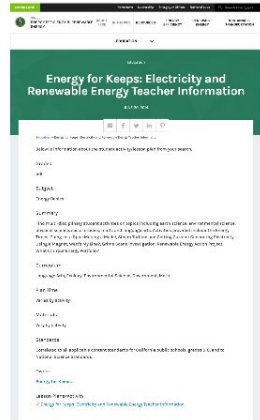
- Announcements**
- 1 Energy Literacy: Essential Principles for Energy Education
 - 2 Clean Energy Jobs
 - 3 Energy Storage
 - 4 Clean Energy
 - 5 Energy Storage
 - 6 Clean Energy
 - 7 Energy Storage
 - 8 Clean Energy
 - 9 Energy Storage
 - 10 Clean Energy



- Announcements**
- 1 Energy Literacy Quick Start Guide
 - 2 Clean Energy Jobs
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 - 4 Clean Energy
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 - 6 Clean Energy
 - 7 Energy Storage
 - 8 Clean Energy
 - 9 Energy Storage
 - 10 Clean Energy



- Announcements**
- 1 Energy Literacy Framework
 - 2 Clean Energy Jobs
 - 3 Energy Storage
 - 4 Clean Energy
 - 5 Energy Storage
 - 6 Clean Energy
 - 7 Energy Storage
 - 8 Clean Energy
 - 9 Energy Storage
 - 10 Clean Energy

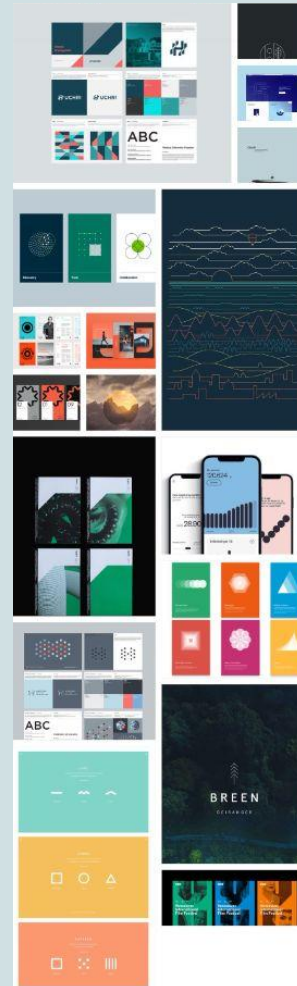


- Announcements**
- 1 Energy for Keeps: Electricity and Renewable Energy Teacher Information
 - 2 Clean Energy Jobs
 - 3 Energy Storage
 - 4 Clean Energy
 - 5 Energy Storage
 - 6 Clean Energy
 - 7 Energy Storage
 - 8 Clean Energy
 - 9 Energy Storage
 - 10 Clean Energy

post-user test redline

mood board

[link](#)



ENERGY.GOV

user interface analysis

Elise Mary Lanigan

module 9

heuristic evaluation of navigation

[link](#)

Heuristic Evaluation of the Website Navigation



For the top bar of navigation, I wouldn't make too many changes. For one, I don't think linking out to various sources needs to be at the very top of the page. I would probably move this to the footer in order to not have too much content to sift through at the top of the site. Otherwise, I think the "About, Newsroom, Leadership, Offices, and National Labs" are appropriate links to have slightly less emphasis. For the four main navigation screens, I would mostly keep them the same, but change the wording slightly. Since our users had such difficulty finding the education hub, I would rename the first dropdown "Education & Innovation" since science doesn't give much more information than innovation. I think "Energy Economy" is appropriate, but the next two could be a bit clearer - as I'll get into below.



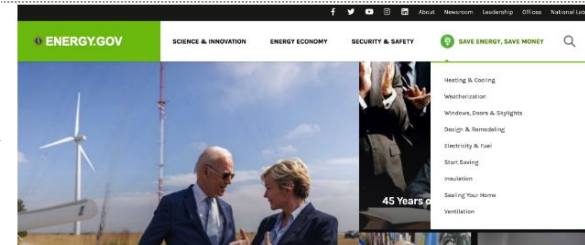
This navigation drop down should be redesigned, for a few reasons. In our research, we found most users don't immediately recognize STEM as an education hub so we would want to find a more universally understood title. I would also want to simplify by consolidating "Clean Energy" and "Energy Sources" into one, as the energy sources page does also link out to clean energy directly. I also would choose to relocate "Energy Efficiency" to another section, as it is also referenced under other primary headers.



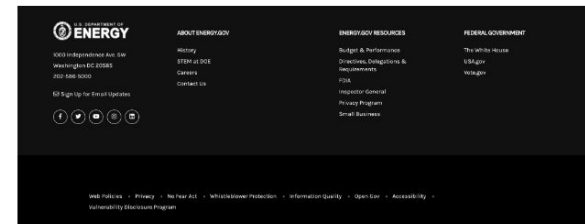
This header functions well as is, I think this much shorter list is simpler and easier to navigate. I didn't see any issues with how they were separated out or titled, so I would leave this as is.



I mostly would keep this header the same, though I thought the title should include "Protection" regarding the environmental cleanup item in the drop down as security could envelop the rest.



I found there to be quite a bit of repetition under this header, so my main goal is consolidation to make it easier to scan and choose an option. I think "Weatherization" easily covers "Windows, Doors, & Skylights", "Sealing Your Home", and "Insulation". I also found that "Start Saving" could easily encompass "Electricity & Fuel", "Heating and Cooling" could stand on its own, and "Design & Remodeling" could cover the rest. With too many options as it currently stands, a user could have to go under multiple different options to get all the tips they need which is a frustrating exercise that could cause them to give up. I also renamed this section "Energy Efficiency Tips" since the separate icon is currently confusing. Also, since this does not include direct aid for those who need to save, I thought it would be best to be more straightforward with the content of the section.



For the footer, I wouldn't change too much. I think including the address, socials, the about section, and various governmental resources and websites are appropriate. I might be more straightforward in this section about the link between "Energy.gov" and "the US Dept of Energy" but I would also choose to include this directly on the home page.

navigation usability testing

[link](#)

asked to find information on environmental cleanup

none of the headers seemed accurate for the topic

clicked to search

on search window, clicked "X" since it was located where a search icon is usually presented

had to repeat search

once searched, only individual articles appeared - no general information to link to secondary nav page

asked to find environmental cleanup

didn't take long to review navigation

within the app, didn't bother with hamburger menu

went straight to search

didn't have trouble finding search

received same list of articles

when prompted, user decided he would drill down further to find the specific article he wants

if missed in central navigation, general info on environmental cleanup would be missed

found the correct page through drop down

on mobile, went to hamburger menu

was confused by lack of drop down / lack of consistency

went into a few main nav screens to find info

was not able to find the same page as before

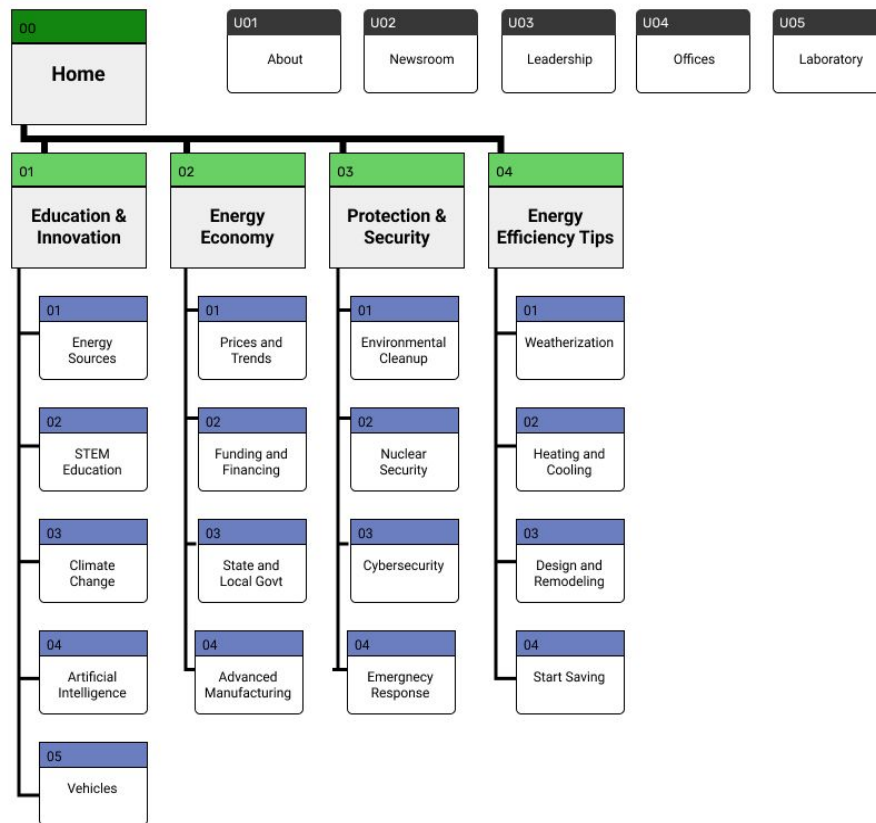
card sorting navigation

[Link](#)



sitemap of navigation

[link](#)



new UI navigation prototype

[link](#)



Education & Innovation

Energy Economy

Protection & Security

Energy Efficiency Tips



- Energy Sources
- STEM Education
- Climate Change
- Artificial Intelligence
- Vehicles

ENERGY.GOV

user interface analysis

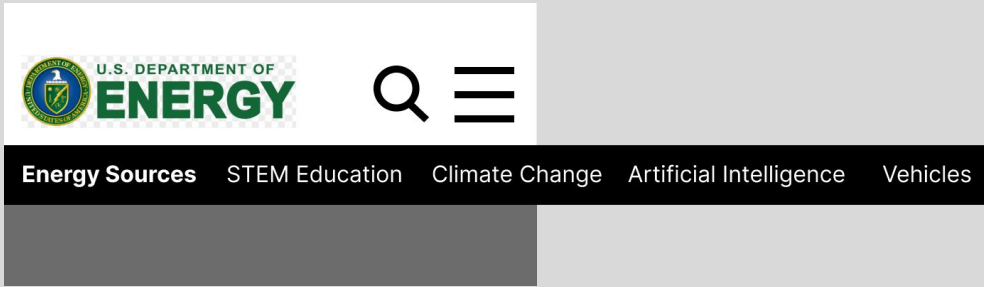
Elise Mary Lanigan

module 10

header navigation components - iPhone & iPad

[link](#)

iPhone version 1 with horizontal scroll menu



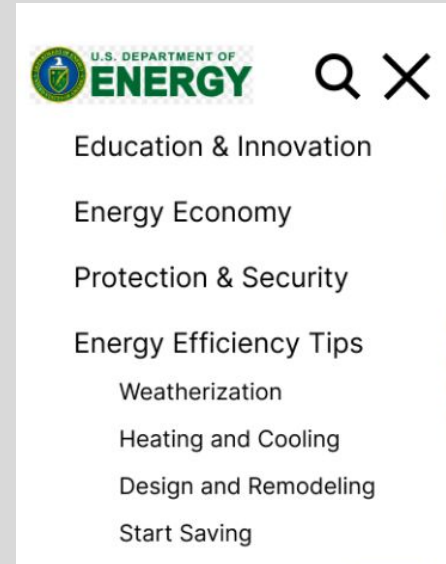
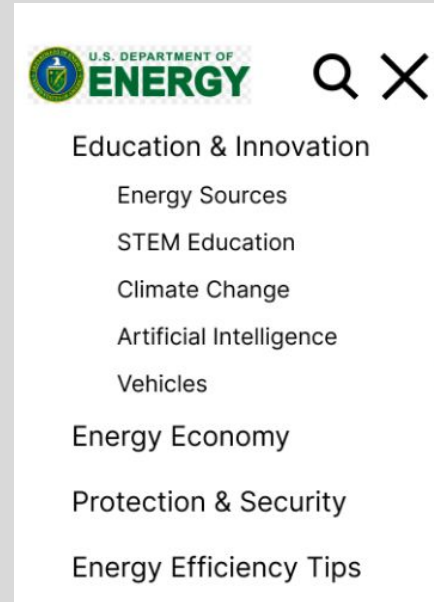
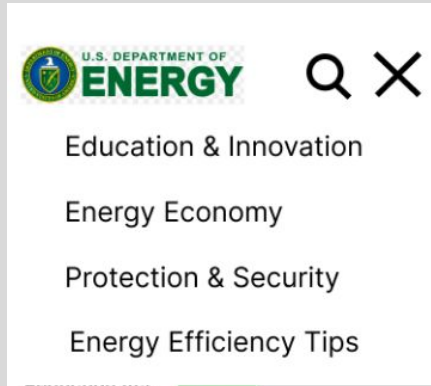
iPad final version



header navigation - iPhone version 2

[link](#)

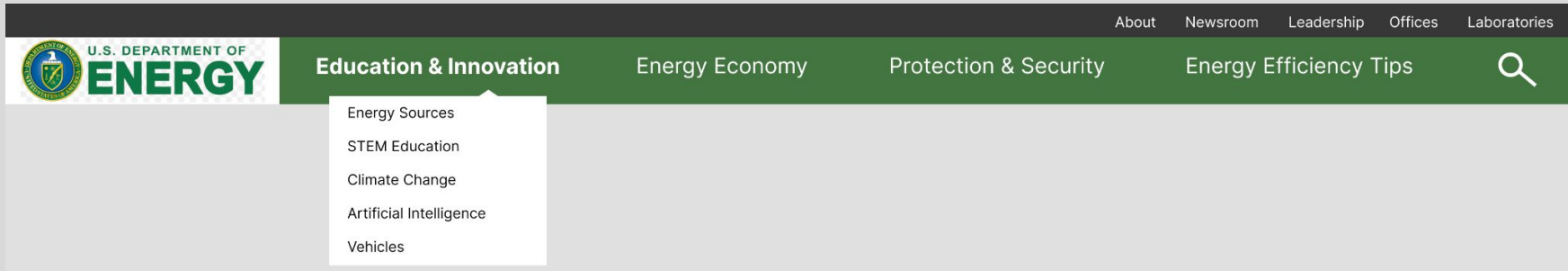
iPhone version 2 with dropdown menu and hamburger



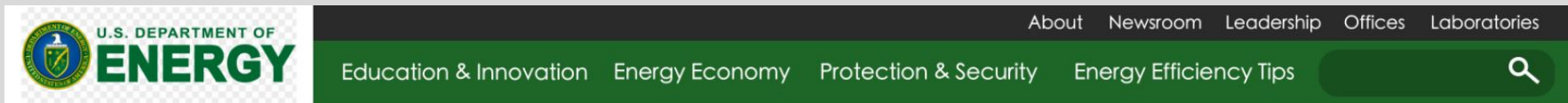
header navigation - desktop versions

[link](#)

Desktop version 1



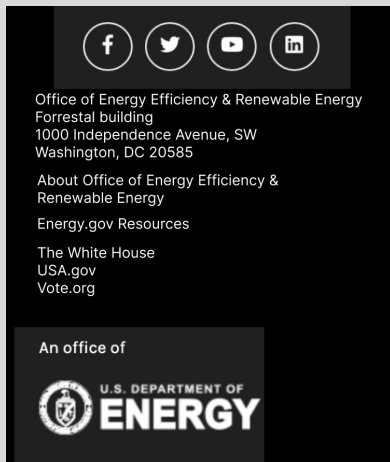
Desktop version 2 with search bar, larger secondary navigation and logo



footer navigation - iPhone, iPad, desktop

[link](#)

iPhone




Office of Energy Efficiency & Renewable Energy
Forrestal building
1000 Independence Avenue, SW
Washington, DC 20585

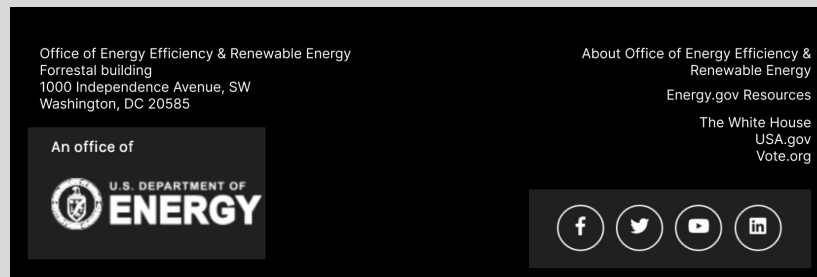
About Office of Energy Efficiency & Renewable Energy
Energy.gov Resources

The White House
USA.gov
Vote.org

An office of



iPad





Office of Energy Efficiency & Renewable Energy
Forrestal building
1000 Independence Avenue, SW
Washington, DC 20585

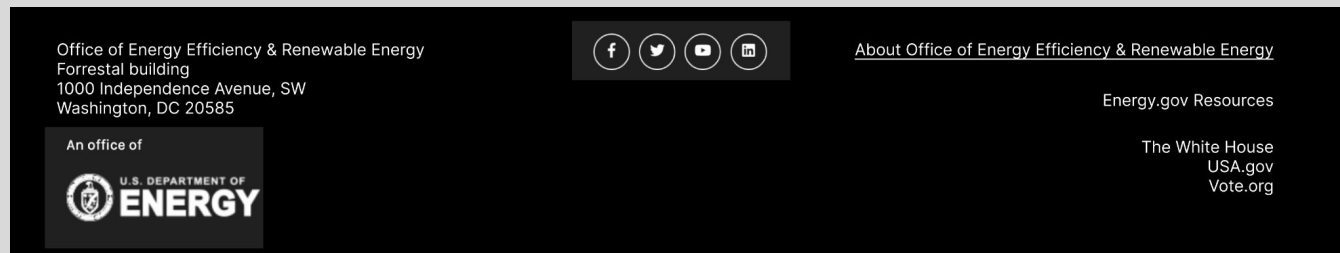
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Desktop





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Vote.org

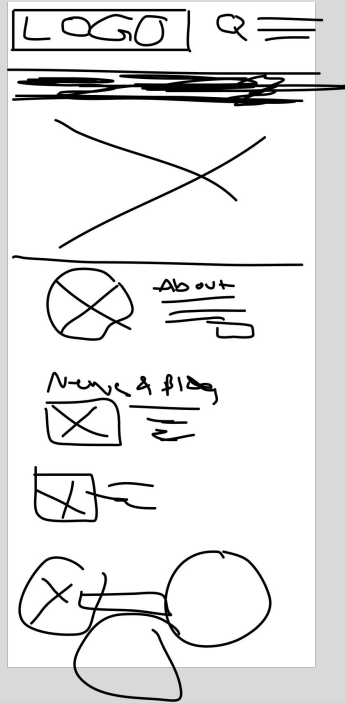
An office of



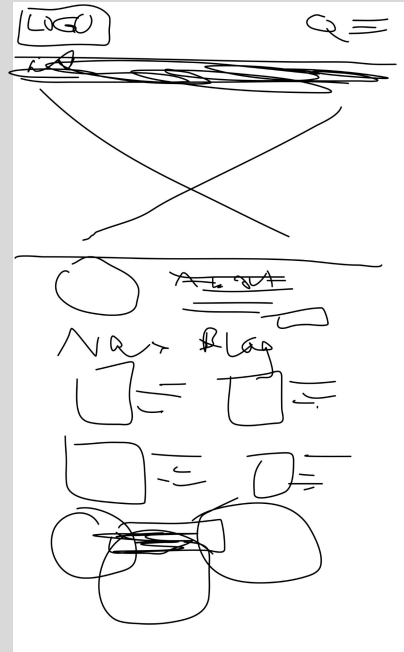
homepage and navigation sketches

[link](#)

iPhone



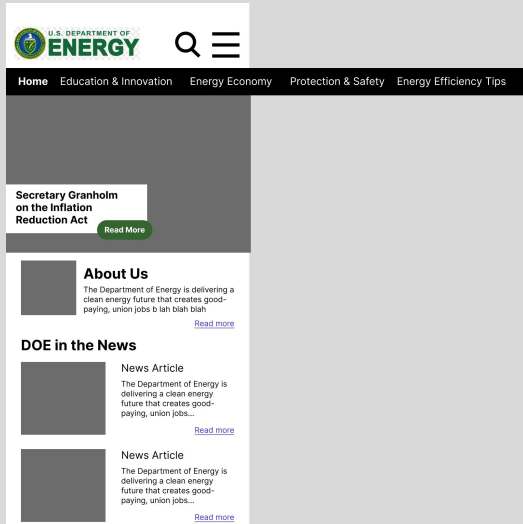
iPad



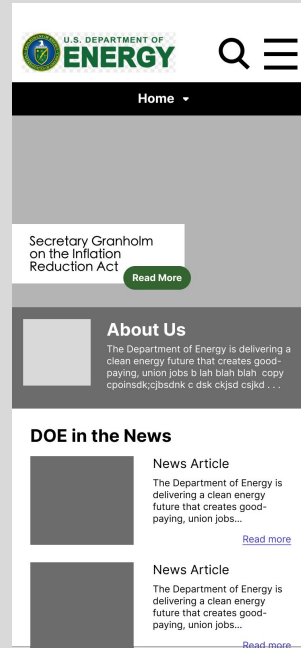
homepage and navigation wireframes

[link](#)

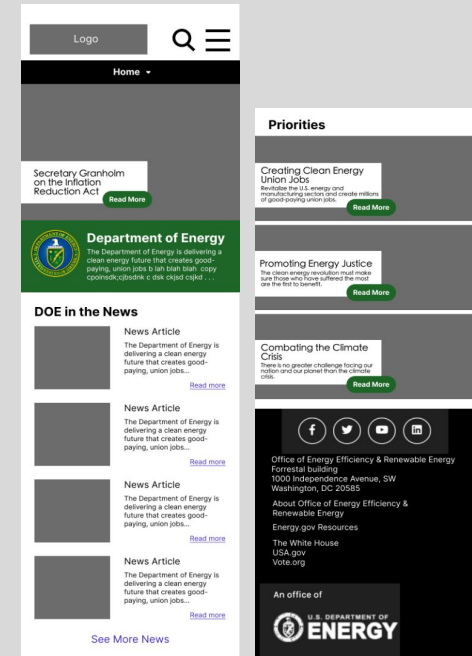
iPhone v.1



iPhone v.2



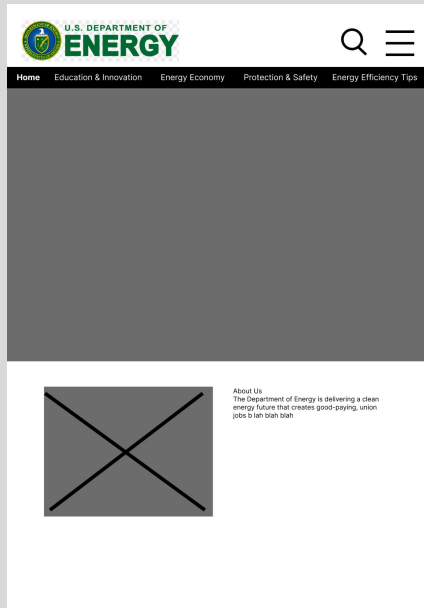
iPhone v.3



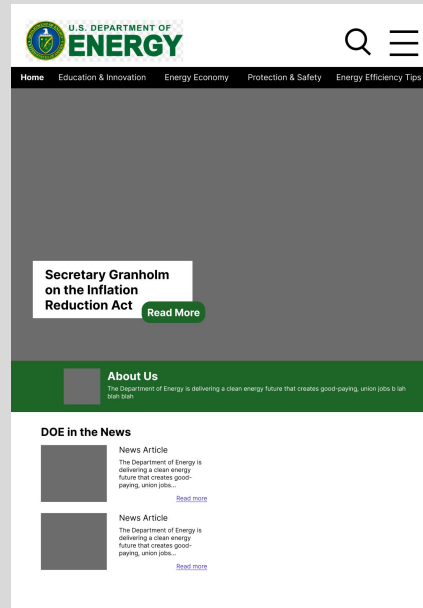
homepage and navigation wireframes

[link](#)

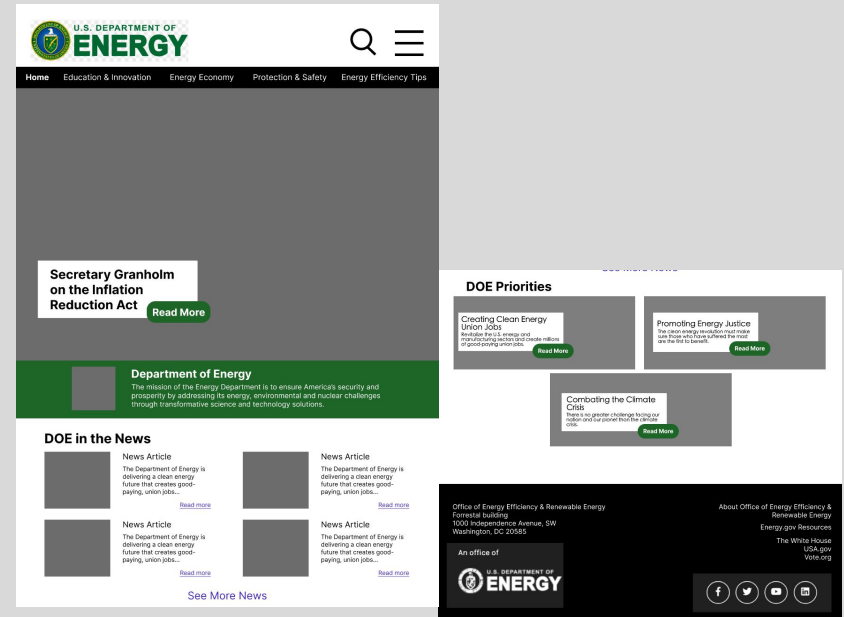
iPad v.1



iPad v.2



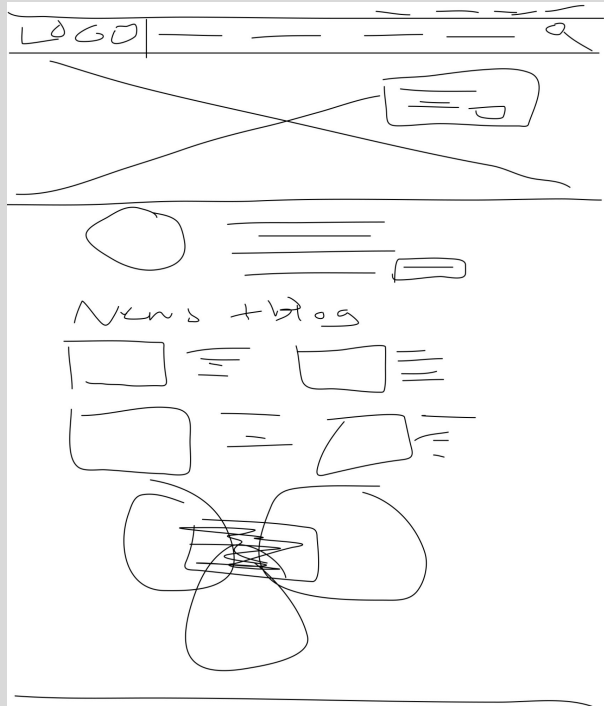
iPad v.3



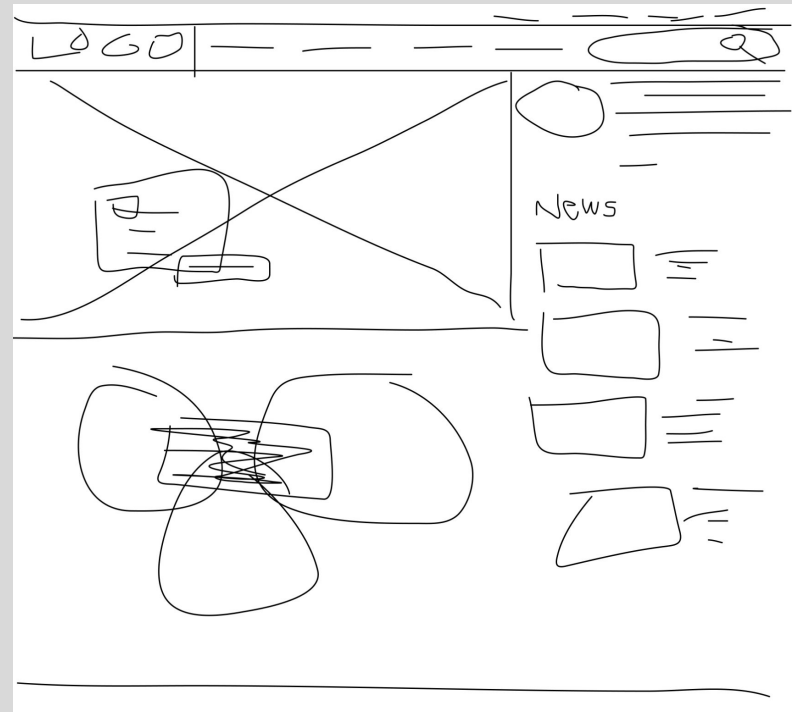
homepage and navigation sketches

[link](#)

Desktop v.1



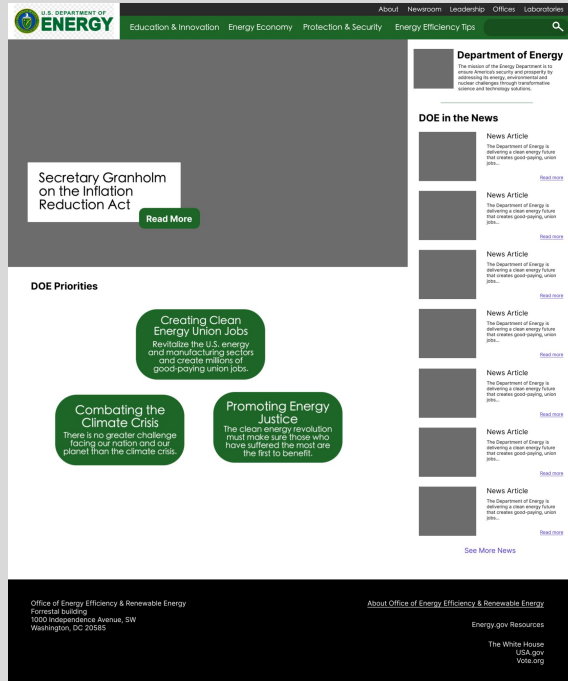
Desktop v.2



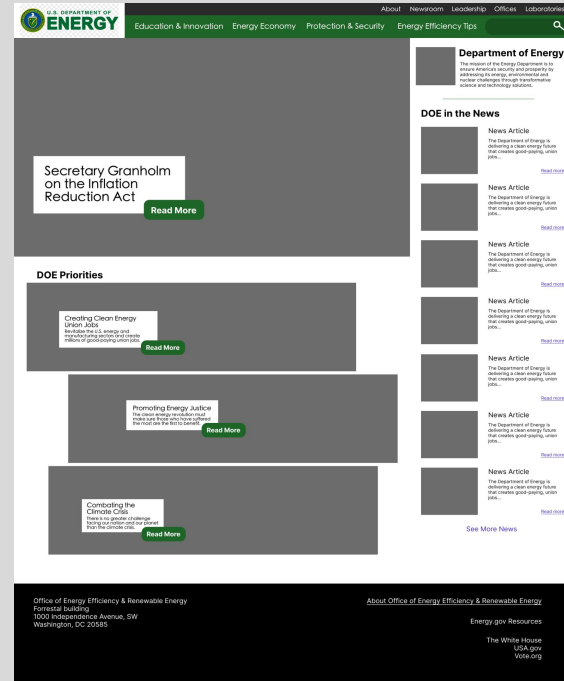
homepage and navigation wireframes

[link](#)

Desktop v.1



Desktop v.2



page 2 and navigation wireframes

[link](#)

U.S. DEPARTMENT OF ENERGY

About | Newsroom | Leadership | Offices | Laboratories

Education & Innovation | Energy Economy | Protection & Security | Energy Efficiency Tips

STEM Education

Education & Innovation - STEM Education

STEM Rising is your go-to resource for all-things STEM at the U.S. Department of Energy. Science, Technology, Engineering and Mathematics, commonly known as STEM, are the essential building blocks to accomplishing the U.S. Department of Energy's mission from coast to coast.

View our resources for students, teachers, and workforce on this site and keep in touch with our monthly newsletter or social media (@STEMRising on Facebook, LinkedIn, and Twitter).

Resources for All Ages

K-12 Programs and Events Database
See offerings for educational activities, courses, events, seminars, workshops, and more.

[Read More](#)

College and Continued Learning
View our STEM courses, internships, research opportunities, workshops, seminars, and more.

[Read More](#)

Educator Resources
Browse digital content and virtual learning sites for classroom use, teacher workshops and research opportunities, and grants.

[Read More](#)

STEM Workforce
Resources for groups, centers in the STEM workforce, including career training, experiential learning, and grants and research opportunities.

[Read More](#)

Sign up for our STEM Rising updates!
Add your email address to get the STEM Rising Newsletter once a month.

[GO](#)

NATIONAL LABS

STEM RISING

STEM Across Agencies

- CDC
- Department of Commerce & NOAA
- Department of Defense
- Department of Education
- EPA Environmental Education
- NASA
- National Institutes of Health
- National Science Foundation
- Smithsonian Science Education
- United States Patent and Trademark Office

STEM Rising: All-Things STEM

The U.S. Department of Energy is deeply involved in the research and development of science, technology, engineering, and mathematics (STEM) workforce of the Department of Energy.

STEM Rising Blog

HOW TO: Start your career in clean energy

How To Start Your Career in Clean Energy
Do you want to start your career and do your part to help clean energy? Explore your learning to launch your career and reach beyond a great career. Whether you are on your career path, the Department of Energy (DOE) wants to help you lead.

[Read More](#)

Hanford Interns Get Glimpse of Past, Look to Future

Hanford Interns Get Glimpse of Past, Look to Future
U.S. Department of Energy Office of Environmental Management (OEM) Oak Ridge Reservation (ORR) and ORR Company (ORR Co.) hosted 20 college students for a summer program of professional development and job shadowing.

[Read More](#)

First-Ever Research Awards Workshop Draws Over 100 Participants

Teens Find Passion, Future Opportunities at Oak Ridge STEM Summer Camp

Office of Energy Efficiency & Renewable Energy
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1000 Independence Avenue, SW
Washington, DC 20585

About Office of Energy Efficiency & Renewable Energy
Energy.gov Resources

The White House
USA.gov
Video.org

page 3 and
navigation
wireframes

[link](#)

U.S. DEPARTMENT OF ENERGY | About | Newsroom | Leadership | Offices | Laboratories

Education & Innovation | Energy Economy | Protection & Security | Energy Efficiency Tips

Educator Resources

Education & Innovation - STEM Education - Educator Resources

Teachers are the building blocks to our STEM future. Investing in teacher professional development, retention, and resources is essential to our successful STEM future. STEM Rising, a project of the Office of Public Affairs, highlights all of the ways the Energy Department supports science education and workforce development.

View the resources on this page see digital content and virtual learning for classroom use, teacher workshops and research opportunities, grants, and other assets available to support our nation's STEM educators.

Online Learning Resources

<
>

Women in Energy
The clean energy revolution must include all those who have suffered the most for the sake of beauty.

Volunteer Trainings Series
Clean provides tips, activities, and resources for school STEM professionals interested in volunteering.

Energy Literacy Videos and Toolbooks
Download Energy Literacy and Environmental Concepts for Energy Education.

Promoting Energy Justice
The clean energy revolution must include all those who have suffered the most for the sake of beauty.

Experiential Learning

<
>

Promoting Energy Justice
The clean energy revolution must include all those who have suffered the most for the sake of beauty.

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The clean energy revolution must include all those who have suffered the most for the sake of beauty.

Promoting Energy Justice
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Grants, Fellowships, & Research

<
>

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Office of Energy Efficiency & Renewable Energy
Fernside building
1000 Independence Avenue, SW
Washington, DC 20585

About Office of Energy Efficiency & Renewable Energy

Energy.gov Resources

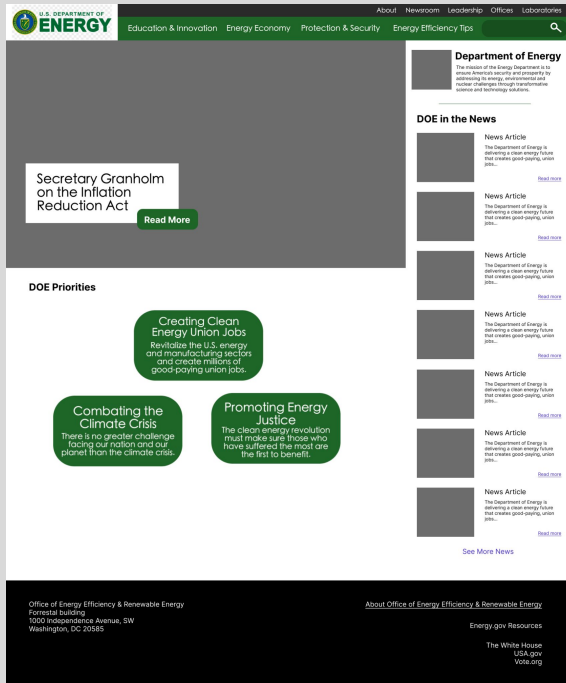
The White House
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ENERGY

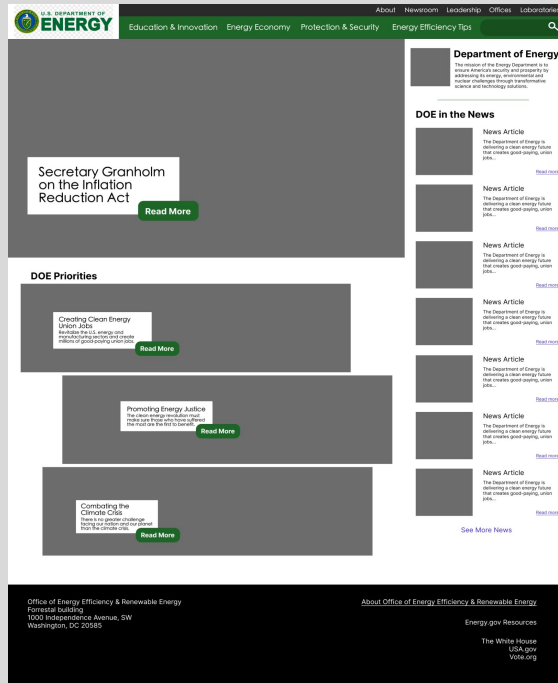
clickable desktop wireframes

[link](#)

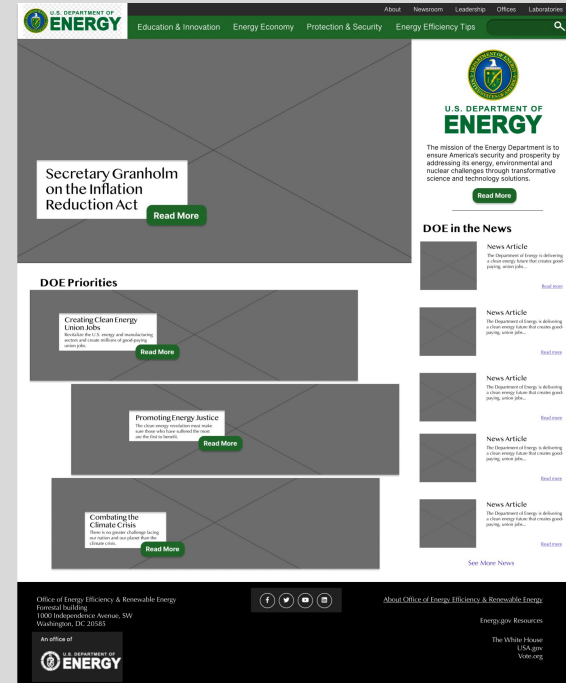
Desktop v.1



Desktop v.2



Desktop v.3 - clickable



5 second user test

From my user testing, I have determined:

- removing the additional drop down menu will make the screen less cluttered as it is no longer necessary
- adding drop down icons within the hamburger menu would improve usability so users can clearly see which section they have open

UI Style Tile

[Link](#)

UI STYLE TILE: Department of Energy (energy.gov)

DATE:

UI STYLE DIRECTION

clean, easy to read buttons, intuitive. plenty of white space.

UI Style Adjectives

Clean Intuitive Future
Bright

H1 - Headline

(Bangla MN Regular)

H2 - Subhead

(Malayalam Sangam MN)

"This is a how you would stylize a meaningful quote"

- Author

(PT Serif Caption Regular)


TYPOGRAPHY BODY COPY

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Purttitor elementum cras neque, sapien. Leo enim bibendum ultrices in sed eu arcu magna quis. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Purttitor elementum cras neque, sapien. Leo enim bibendum ultrices in sed eu arcu magna quis. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Purttitor elementum cras neque, sapien. Leo enim bibendum ultrices in sed eu arcu magna quis.


[this is a regular link](#) (Optima Regular)

BRAND LOGO

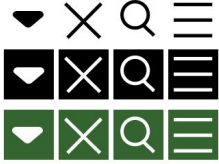
- LOGO ON WHITE




- LOGO ON DARK



ICONOGRAPHY






BUTTON STATES



COLOR PALETTE

- BRAND COLORS

#HEX	R/G/B	#HEX	R/G/B	#HEX

<h4 style="margin: 0;">- PRIMARY INTERACTION COLOR</h4> 	<h4 style="margin: 0;">- SECONDARY INTERACTION COLOR</h4> 	<h4 style="margin: 0;">- COLOR GRADIENT</h4> 
--	---	--

GRAPHIC PATTERNS

Creating Clean Energy Union Jobs

Revitalize the U.S. energy and manufacturing sectors and create millions of good-paying union jobs.


[Read More](#)

News Article

The Department of Energy is delivering a clean energy future that creates good-paying, union jobs...

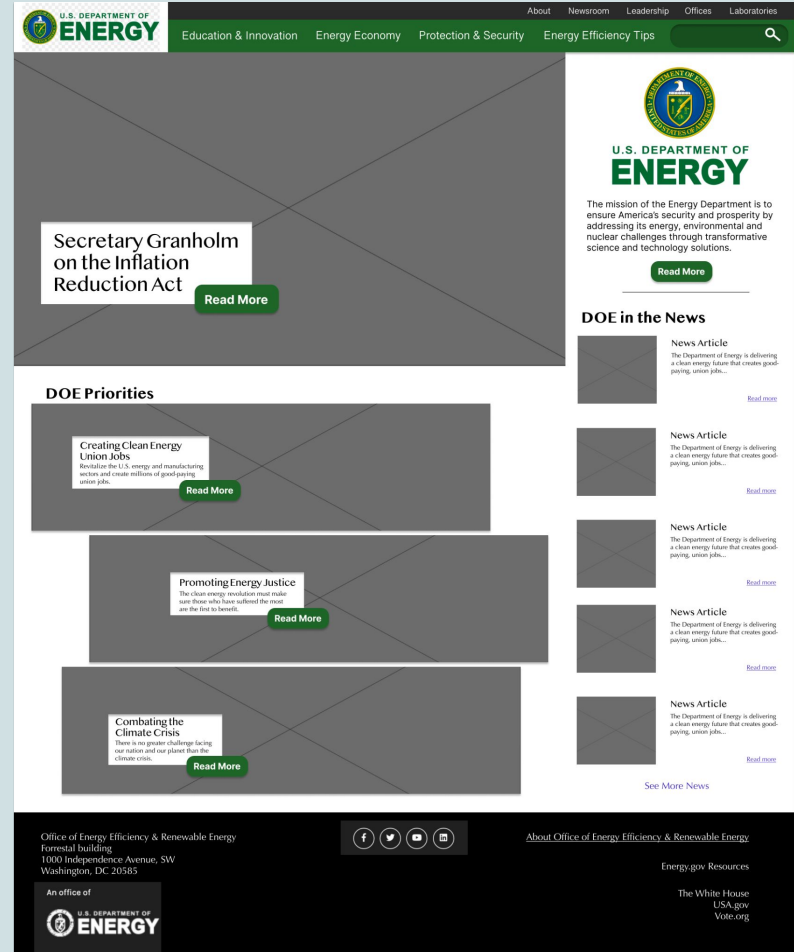
[Read more](#)

IMAGE SAMPLES



homepage mid-fi desktop wireframes

[link](#)



ENERGY.GOV

user interface analysis

Elise Mary Lanigan

Module 11-12

style guide

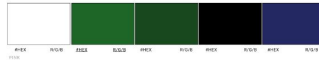
<https://www.figma.com/file/HDrvbfhfbuwObLIY7MsMhC/DOE-Elise?node-id=226%3A157>

Department of Energy

Design System

Colors

Primary and gray



Typography

Monospace and Open Sans

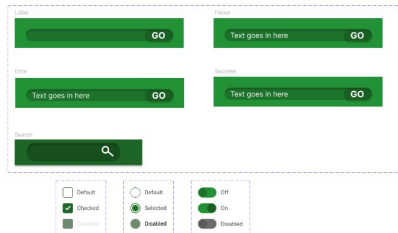
Bangla MN 52, Bold
Bangla MN 40, Regular
Bangla MN 30, Bold
 Bangla MN 20, Regular
 Malayalam MN 21, Regular
 Opina 21, Regular
 Opina 14, Regular

See More Study Read more

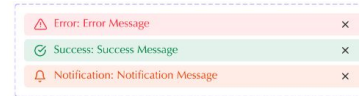
Buttons



Forms



Alerts



Icons

Feather icons at 24px height and width with 2px stroke weight

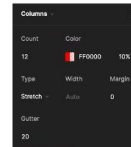
<https://feathericons.com/>



Spacing

The 12 pt grid. Using multiples of 20 to define dimensions, padding, and margin of elements.

<https://open.designkit.org/>



mobile high-fidelity mockups

[link](#)

Page 1

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Priorities

Secretary Granholm on the Inflation Reduction Act
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Creating Clean Energy Union Jobs
Revitalize the U.S. energy and manufacturing sectors and create millions of good-paying union jobs.
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Promoting Energy Justice
The clean energy revolution must make sure those who benefit the most are the first to benefit.
Read More

Combating the Climate Crisis
There is no greater challenge facing our nation and our planet than the climate crisis.
Read More

DOE in the News

News Article
The Department of Energy is delivering a clean energy future that creates good-paying, union jobs...
Read more

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U.S. DEPARTMENT OF ENERGY [Search] [Menu]

STEM Education
Education & Innovation - STEM Education

STEM Rising is your go-to resource for all things STEM at the U.S. Department of Energy, science, Technology, Engineering and Mathematics, commonly known as STEM, are the essential building blocks to accomplishing the U.S. Department of Energy's mission from coast to coast.

View our resources for students, teachers, and workforce on this site and keep in touch with our monthly newsletter or social media (#STEMRISING on Facebook, LinkedIn, and Twitter).

Resources for All Ages

K-12 Programs and Events Database
See offerings for educational online content, events, internships, workshops, and more.
Read More

Educator Resources
Browse digital content and virtual learning ideas for classroom use, teacher workshops and research opportunities, and grants.
Read More

College and Continued Learning
View our STEM internships, fellowships, research opportunities, workshops, contests, and more.
Read More

STEM Workforce
Resources for people currently in the STEM workforce, including online learning, experiential learning, and grants and research opportunities.
Read More

Sign up for our STEM Rising updates!
Add your email address to get the STEM Rising Newsletter once in a while.
GO

STEM Rising Blog

HOW TO: *On the Job*

How to Start Your Career in Clean Energy
So, you're starting out your career and you're interested in clean energy. Or maybe you're looking to switch gears and work towards...
Read more

Hamford Interns Get Glimpse of Past, Look to Future
U.S. DOE hosted 20 college interns and cooperative education students this summer as part...
Read more

First-Ever Research Awards Workshop
More than 100 educators, students and U.S. Department of Energy (DOE) employees gathered over two days last week for the...
Read more

Teens Find Passion, Future Opportunities at Oak Ridge Camp
For about a dozen teens, summer camp brought them into the world of environmental cleanup...
Read more

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STEM Across Agencies

STEM Rising: All-t...

The U.S. Department of Energy is deeply invested in the current and future science, technology, engineering, and mathematics (STEM) workforce of America.
Video courtesy of the Department of Energy

CDC
Department of Commerce & NOAA
Department of Defense
Department of Education
EPA Environmental Education
NASA
National Institutes of Health
National Science Foundation
Smithsonian Science Education
United States Patent and Trademark Office

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Page 3

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Educator Resources
Education & Innovation - STEM Education - Educator Resources

Teachers are the building blocks to our STEM future. Investing in teacher professional development, retention, and resources is essential to our successful STEM future. STEM Rising, a project of the Office of Public Affairs, highlights all of the ways the Energy Department supports science education and workforce development.

View the resources on this page to see digital content and virtual learning for classroom use, teacher workshops and research opportunities, grants, and other assets available to support our nation's STEM educators.

STEM Rising Blog

HOW TO: *On the Job*

How to Start Your Career in Clean Energy
So, you're starting out your career and you're interested in clean energy. Or maybe you're looking to switch gears and work towards...
Read more

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Read more

Teens Find Passion, Future Opportunities at Oak Ridge Camp
For about a dozen teens, summer camp brought them into the world of environmental cleanup...
Read more

[See More News](#)

Online Learning Resources

Women in Energy
The clean energy revolution must make sure those who have suffered the most are the first to benefit.

Nevada NSAs' Operation Clean Desert
A set of activities geared toward teaching children about ongoing efforts to address environmental cleanup challenges.

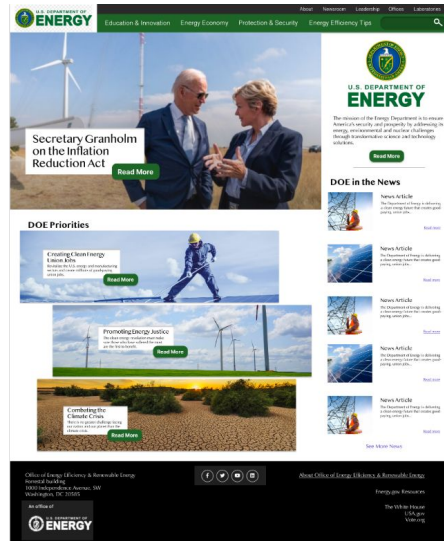
Women in Energy
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Promoting Energy Justice
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desktop high-fidelity mockups

[link](#)

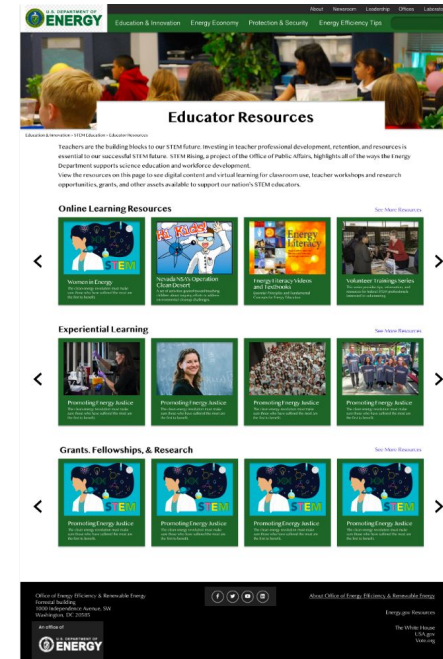
Page 1



Page 2



Page 3



clickable mobile prototype

[link](#)



clickable desktop prototype

[link](#)



high-fidelity mobile testing results

From my testing, I've found that:

- could still improve the label of "STEM Education"
- should add additional routes to return to the main homepage
- once on the STEM education page, it was much easier for users to find the educational resources than it was before

Tasks	Tester 1	Tester 2	Tester 3
Open Navigation	✓	✓	✓
Find Education Section	✓	X	✓
Find Teacher Resources	✓	X	✓

final thoughts

- From our testing, we have determined the redesigned sitemap is much easier for our testers to navigate.
- Moving forward, I would still aim to test alternative titles for the sitemap to even further improve coherence. I would also want to expand the scope of the redesign, as the original issue of the large inventory of information to organize still remains.