Issue Report

Site quality report for https://shiftingpower.kmi.open.ac.uk/ produced on January 13, 2025.

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| --- | --- | --- |
| Overall Quality |                                                   | 1 pages with quality issues |
| Errors |                                                   | 1 pages with broken links or other errors |
| Accessibility |                                                   | 1 pages with accessibility problems |
| Compatibility |                                                  | 0 pages with browser specific issues |
| Search |                                                   | 1 pages with search engine issues |
| Standards |                                                   | 1 pages have W3C standards issues |
| Usability |                                                   | 1 pages with usability issues |
| Totals |  | 68 URLs checked |

# Errors

This section shows site quality issues, including broken links and server mis-configurations.

## Priority 1

2 issues on 1 pages

 This link is broken. The target anchor does not exist or is commented out.

The anchor after the # symbol points to a non-existent id on the target page. If the anchor link targets the same page nothing will happen when it's clicked. If the anchor link targets another page, then the top of the target page will be displayed instead of the intended location. In most cases the destination anchor has been removed accidentally and should be reinstated.

Broken Link

id=int-content id=contact <https://shiftingpower.kmi.open.ac.uk/> line 428 589

 This page contains some spelling errors.

Click the word to add it to the dictionary. Click it again if you want to remove it.

neoliberal decolonial <https://shiftingpower.kmi.open.ac.uk/> line 589

## Informative

These messages are for information only and do not indicate errors or conformance problems.

 The Check Page command does not check links or page weight.

To checks links or page weight on a single page use the Check Page and Links command.

Blocked Links

<https://shiftingpower.kmi.open.ac.uk/> line 1

# Accessibility

This section shows accessibility issues, indicating problems for older users, people with disabilities or accessibility needs. Automated testing cannot detect all accessibility issues, so should be used alongside human testing.

## Level A

8 issues on 1 pages

 alt text should not contain placeholders like 'picture' or 'spacer'.

For purely decorative images and spacers use alt='' , for images of text use the text, and for other images use a description of the image.
• JAWS : Reads out placeholder text, instead of a useful image description.
• NVDA : Reads out placeholder text, instead of a useful image description.
• VoiceOver : Reads out placeholder text, instead of a useful image description.

[WCAG 2.1 A F30](https://www.w3.org/TR/WCAG20-TECHS/F30.html) [Section 508 (2017) A F30](https://www.w3.org/TR/WCAG20-TECHS/F30.html)

alt='placeholder' alt='placeholder' alt='placeholder' <https://shiftingpower.kmi.open.ac.uk/> line 589

 An image with a null alt attribute should not have title , aria-label or aria-labelledby attributes.

If the image should be voiced use a descriptive alt attribute. If the image is purely decorative remove any title and ARIA label attributes.
• JAWS : Ignores all images with alt=''.
• NVDA : Reads some images with alt='' and a title or ARIA label.
• VoiceOver : Reads images with alt='' and a title or ARIA label.

[WCAG 2.1 A F39](https://www.w3.org/TR/WCAG20-TECHS/F39.html) [Section 508 (2017) A F39](https://www.w3.org/TR/WCAG20-TECHS/F39.html)

<https://shiftingpower.kmi.open.ac.uk/> line 589

 Elements with role=tablist must contain or own an element with role=tab and must not contain elements with other roles.

[HTML5](https://html.spec.whatwg.org/multipage/)  [ARIA 1.2](https://www.w3.org/TR/wai-aria-1.2/)  [WCAG 2.1 A 1.3.1](https://www.w3.org/TR/UNDERSTANDING-WCAG20/content-structure-separation-programmatic.html) [Section 508 (2017) A 1.3.1](https://www.w3.org/TR/UNDERSTANDING-WCAG20/content-structure-separation-programmatic.html)

Owned roles: list <https://shiftingpower.kmi.open.ac.uk/> line 589

 Headings should not be empty.

Add visible text to the heading, or alt text if the heading contains an image. Screen readers read out page headings, allowing users to quickly skip to a section, but some older screen readers do not ignore empty headings.

[ARIA 1.2 5.2.8](https://www.w3.org/TR/wai-aria-1.2/#heading)

<https://shiftingpower.kmi.open.ac.uk/> line 589

 img elements must have an accessible name.

Add an alt attribute describing the image, which screen readers voice instead of the image. Spacer images and purely decorative images should use alt="" without any global ARIA attributes. Do not use alt text containing only spaces since that's voiced as an unlabeled image.
• NVDA 2023.3 Chrome 120 Windows 10 Reading: Image ignored.
• NVDA 2023.3 FF 115 Windows 10 Reading: Image ignored.
• NVDA 2023.3 Edge 120 Windows 10 Reading: Image ignored.
• JAWS 2023.2311.34 Chrome 120 Windows 10 Reading: Image ignored.
• JAWS 2023.2311.34 FF 115 Windows 10 Reading: Image ignored.
• JAWS 2023.2311.34 Edge 120 Windows 10 Reading: Image ignored.
• VoiceOver macOS 13.6 Safari 16.6 macOS 13.6.0 Reading: Image filename read out.
• VoiceOver iOS 16.6 Safari iOS 16.6 iOS 16.6.1 Touch: Image filename read out, along with OCR text from image.

[WCAG 2.1 A F65](https://www.w3.org/TR/WCAG20-TECHS/F65.html) [Section 508 (2017) A F65](https://www.w3.org/TR/WCAG20-TECHS/F65.html)

<https://shiftingpower.kmi.open.ac.uk/> line 589

 Links must have an accessible name.

• Add text between the a element start and end tags
• Add an aria-label attribute
• Add an aria-labelledby attribute
• Add an img alt attribute labeling the link if it contains an img element img elements with role=presentation or role=none are not included in the link's accessible name.

[WCAG 2.1 A F89](https://www.w3.org/TR/WCAG-TECHS/F89.html) [Section 508 (2017) A F89](https://www.w3.org/TR/WCAG-TECHS/F89.html)

<https://shiftingpower.kmi.open.ac.uk/> line 589

 This skip link is broken. The target anchor does not exist or is commented out.

The anchor after the # symbol points to a non-existent ID on this page, so nothing happens when it's clicked. In most cases the destination ID has been removed accidentally and should be reinstated.

[WCAG 2.1 A 2.4.1](https://www.w3.org/TR/2008/NOTE-WCAG20-TECHS-20081211/G1) [Section 508 (2017) A 2.4.1](https://www.w3.org/TR/2008/NOTE-WCAG20-TECHS-20081211/G1)

<https://shiftingpower.kmi.open.ac.uk/> line 164

 Use semantic markup like strong instead of using the CSS font-weight property.

Use the strong element instead of the span element for bold text.

[WCAG 2.1 A F2](https://www.w3.org/TR/WCAG20-TECHS/F2.html) [Section 508 (2017) A F2](https://www.w3.org/TR/WCAG20-TECHS/F2.html)

<https://shiftingpower.kmi.open.ac.uk/> line 589 ...

## Level AA

2 issues on 1 pages

 Ensure that text and background colors have enough contrast.

• The contrast ratio should be 3.0 or more for 18 point text, or larger
• The contrast ratio should be 3.0 or more for 14 point bold text, or larger
• The contrast ratio should be 4.5 or more for all other text

[WCAG 2.1 AA 1.4.3](https://www.w3.org/TR/UNDERSTANDING-WCAG20/visual-audio-contrast-contrast.html) [Section 508 (2017) AA 1.4.3](https://www.w3.org/TR/UNDERSTANDING-WCAG20/visual-audio-contrast-contrast.html)

The text color to background color contrast ratio after composition is: with color: rgb(13,13,13) background: rgb(27,92,129) font-size: 13.20pt font-weight: 300 with color: rgb(27,92,129) background: rgb(219,197,218) font-size: 13.20pt font-weight: 400 with color: rgb(27,92,129) background: rgb(219,197,218) font-size: 10.80pt font-weight: 400 with color: rgb(27,92,129) background: rgb(219,197,218) font-size: 10.80pt font-weight: 400 with color: rgb(27,92,129) background: rgb(219,197,218) font-size: 10.80pt font-weight: 400 <https://shiftingpower.kmi.open.ac.uk/> line 558 589 589 589 589

 The CSS outline or border style on this element makes it difficult or impossible to see the link focus outline.

Do not remove the default outline style, and change any border styles to avoid obscuring the focus outline around focusable elements. See :focus-visiblefor more information.
• Chrome (obscures the focus indicator on links, buttons, dropdowns and range controls)
• Firefox (obscures the focus indicator on links)

[WCAG 2.1 AA F78](https://www.w3.org/TR/WCAG20-TECHS/F78.html) [Section 508 (2017) AA F78](https://www.w3.org/TR/WCAG20-TECHS/F78.html)

outline-style:none or outline-width:0 <https://shiftingpower.kmi.open.ac.uk/> line 481

## Level AAA

4 issues on 1 pages

 Avoid specifying a new window as the target of a link with target=\_blank .

Displaying new windows without warning can be very confusing to non-sighted and mobile users. Some screen readers and mobile devices give very little indication a new tab or window has opened. If you cannot avoid displaying a new window, insert an "opens in a new window" warning into the link text or add the warning to the link using a title attribute or aria-describedby attribute.

[WCAG 2.1 AAA F22](https://www.w3.org/TR/WCAG20-TECHS/F22.html)

<https://shiftingpower.kmi.open.ac.uk/> line 558 589 ...

 Don't use CSS animations or transitions in interactions without giving the user a way to turn them off.

Use the @media (prefers-reduced-motion) media query to respect user preferences.

[WCAG 2.1 2.3.3](https://www.w3.org/WAI/WCAG21/Understanding/animation-from-interactions.html)

:hover transition: background-size 16.0px 0.0px 3.3px 0.2s :hover transition: background-size 16.0px 0.0px 3.3px 0.2s :hover transition: background-size 0.0px 1.5px 0.0px 3.0px 0.2s :hover transition: background-size 0.0px 2.0px 0.0px 4.0px 0.2s :hover transition: background-size 16.0px 0.0px 3.3px 0.2s <https://shiftingpower.kmi.open.ac.uk/> line 519 589 ...

 Ensure that text and background colors have a 7:1 contrast ratio.

• The contrast ratio should be 4.5 or more for 18 point text, or larger
• The contrast ratio should be 4.5 or more for 14 point bold text, or larger
• The contrast ratio should be 7.0 or more for all other text

[WCAG 2.1 AAA 1.4.6](https://www.w3.org/WAI/WCAG21/Understanding/contrast-enhanced.html)

The text color to background color contrast ratio after composition is: with color: rgb(27,92,129) background: rgb(236,236,236) font-size: 13.20pt font-weight: 700 with color: rgb(27,92,129) background: rgb(219,197,218) font-size: 21.60pt font-weight: 600 with color: rgb(27,92,129) background: rgb(219,197,218) font-size: 21.60pt font-weight: 600 with color: rgb(27,92,129) background: rgb(219,197,218) font-size: 21.60pt font-weight: 600 with color: rgb(27,92,129) background: rgb(236,236,236) font-size: 13.20pt font-weight: 700 <https://shiftingpower.kmi.open.ac.uk/> line 582 589 589 ...

 Link uses general text like 'Click Here' which doesn't explain link purpose.

Screen reader users often tab from one link to the next, or use the 'Next Link' command. Moving between links labelled 'click here' sounds like 'Click here, tab, click here, tab, click here'. Change the link text, or add an aria-label , so the link makes sense when read without the surrounding text.

[WCAG 2.1 AAA F84](https://www.w3.org/TR/WCAG20-TECHS/F84.html)

Link text: Read More Read More Read More <https://shiftingpower.kmi.open.ac.uk/> line 589

## Informative

These messages are for information only and do not indicate errors or conformance problems.

 WCAG Success Criteria 4.1.1 is always satisfied for HTML and XML pages.

Since WCAG 2 4.1.1 was written, the HTML Standard has added requirements specifying exactly how browsers handle incomplete markup, incorrectly nested elements, duplicate attributes, and duplicate IDs. This means the "except where the specifications allow" condition in 4.1.1 is satisfied.

[WCAG 2.1 4.1.1](https://www.w3.org/TR/UNDERSTANDING-WCAG20/ensure-compat-parses.html)

<https://shiftingpower.kmi.open.ac.uk/> line 1

# Compatibility

This section shows pages that exhibit browser-specific behavior, or trigger browser bugs.

# Search

This section shows search engine guideline violations, and pages that don't comply with search optimization best practices.

## Priority 1

1 issues on 1 pages

 This page has no h1 element, which violates Bing webmaster guidelines.

Add an h1 element just before the main content describing the page.

[Bing](https://www.bing.com/webmasters/help/webmasters-guidelines-30fba23a)

<https://shiftingpower.kmi.open.ac.uk/> line 419

## Priority 3

1 issues on 1 pages

 Search engines may penalize invisible text where text color is nearly identical to the background color.

[Google](https://www.google.com/webmasters/guidelines.html)  [Yahoo](https://help.yahoo.com/kb/search/search-content-quality-guidelines-sln2245.html)  [Bing](https://www.bing.com/webmasters/help/webmasters-guidelines-30fba23a)

The colors used are: color: rgb(255,255,255); background-color: rgb(255,255,255); color: rgb(255,255,255); background-color: rgb(255,255,255); color: rgb(255,255,255); background-color: rgb(255,255,255); color: rgb(255,255,255); background-color: rgb(255,255,255); color: rgb(255,255,255); background-color: rgb(255,255,255); <https://shiftingpower.kmi.open.ac.uk/> line 526 529 532 535 538 ...

## Priority 4

1 issues on 1 pages

 This page has more than one meta description tag. Only the first description is displayed in search results.

Best Practice

<https://shiftingpower.kmi.open.ac.uk/> line 7 415

# Standards

This section shows pages that do not comply with W3C standards.

## Priority 1

18 issues on 1 pages

 A document must not include more than one meta element with name=description .

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://shiftingpower.kmi.open.ac.uk/> line 7 415

 A slash was not immediately followed by > .

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://shiftingpower.kmi.open.ac.uk/> line 602

 Attribute alignright\_ not allowed on element.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://shiftingpower.kmi.open.ac.uk/> line 348

 Bad value for attribute height .

[HTML5](https://html.spec.whatwg.org/multipage/)

The empty string is not a valid integer. height= height= height= height= height= <https://shiftingpower.kmi.open.ac.uk/> line 294 454 472 487 502 ...

 Bad value for attribute width .

[HTML5](https://html.spec.whatwg.org/multipage/)

The empty string is not a valid integer. width= width= width= <https://shiftingpower.kmi.open.ac.uk/> line 472 487 502

 Element title not allowed as child element in this context.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://shiftingpower.kmi.open.ac.uk/> line 90

 Elements with role=tablist must contain or own an element with role=tab and must not contain elements with other roles.

[HTML5](https://html.spec.whatwg.org/multipage/)  [ARIA 1.2](https://www.w3.org/TR/wai-aria-1.2/)  [WCAG 2.1 A 1.3.1](https://www.w3.org/TR/UNDERSTANDING-WCAG20/content-structure-separation-programmatic.html) [Section 508 (2017) A 1.3.1](https://www.w3.org/TR/UNDERSTANDING-WCAG20/content-structure-separation-programmatic.html)

Owned roles: list <https://shiftingpower.kmi.open.ac.uk/> line 589

 End tag footer seen, but there were open elements.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://shiftingpower.kmi.open.ac.uk/> line 603

 End tag had attributes.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://shiftingpower.kmi.open.ac.uk/> line 602

 End tag p seen, but there were open elements.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://shiftingpower.kmi.open.ac.uk/> line 348

 No p element in scope but a p end tag seen.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://shiftingpower.kmi.open.ac.uk/> line 365 382

 No space between attributes.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://shiftingpower.kmi.open.ac.uk/> line 348

 Quote " in attribute name. Probable cause: Matching quote missing somewhere earlier.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://shiftingpower.kmi.open.ac.uk/> line 348

 Saw < when expecting an attribute name. Probable cause: Missing > immediately before.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://shiftingpower.kmi.open.ac.uk/> line 602

 Text not allowed.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://shiftingpower.kmi.open.ac.uk/> line 91

 The frameborder attribute on the iframe element is obsolete. Use CSS instead.

[HTML5](https://html.spec.whatwg.org/multipage/obsolete.html)

<https://shiftingpower.kmi.open.ac.uk/> line 589

 Unclosed element div .

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://shiftingpower.kmi.open.ac.uk/> line 603

 Unclosed element span .

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://shiftingpower.kmi.open.ac.uk/> line 348

## Priority 2

1 issues on 1 pages

 Article lacks heading.

Consider using h2 - h6 elements to add identifying headings to all articles.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://shiftingpower.kmi.open.ac.uk/> line 555

# Usability

This section shows general usability issues, indicating navigation problems for all users.

## Priority 1

1 issues on 1 pages

 Users should be able to quickly look at each link and tell where it goes.

Don't use generic link labels like "click here" or "read more" because they're hard to tell apart when users scan a page.

[Usability.gov 10:1](https://www.powermapper.com/products/sortsite/rules/usegov10.1/)

Link text: Read More Read More Read More <https://shiftingpower.kmi.open.ac.uk/> line 589

## Priority 2

2 issues on 1 pages

 Omitting img width or height attributes makes the page layout jump about as images load.

This makes the page very hard to read or click while it's loading. Fix by adding width and height attributes to the img tag matching the image dimensions. In responsive layouts, specifying width and height prevents layout jumping because the browser can pre-calculate the final image size when CSS like this is used: img { max-width: 100%; height: auto }

[Usability.gov 14:3](https://www.powermapper.com/products/sortsite/rules/usegov14.3/) [W3C](https://developer.mozilla.org/en-US/docs/Web/Media/images/aspect_ratio_mapping)

<https://shiftingpower.kmi.open.ac.uk/> line 431 432 ...

 The img width and height attributes don't match the actual image size. This means the image will be distorted or resize during loading.

[W3C](https://developer.mozilla.org/en-US/docs/Web/Media/images/aspect_ratio_mapping)

Image https://shiftingpower.kmi.open.ac.uk/shftngpwr-data/themes/shiftingpower/assets/images/SP-menu-logo.png actual dimensions: 280 x 140 pixels. <https://shiftingpower.kmi.open.ac.uk/> line 520 546 589 589 ...

## Priority 3

2 issues on 1 pages

 Use at least a 12-point font on all web pages.

• <p style="font-size: 11pt;" >
• <p style="font-size: 15px;" >
• <p style="font-size: small;" >
• <font size="2" >
• <font size="-1" >

[Usability.gov 11:8](https://www.powermapper.com/products/sortsite/rules/usegov11.8/)

<https://shiftingpower.kmi.open.ac.uk/> line 101

 Use link text between 3 and 100 characters so it's long enough to be understood, but avoids line wrapping.

A single word text link may not give enough information about the link's destination. A link that is a full sentence is difficult to read quickly, particularly if it wraps to another line.

[Usability.gov 10:11](https://www.powermapper.com/products/sortsite/rules/usegov10.11/)

<https://shiftingpower.kmi.open.ac.uk/> line 589