Issue Report

Site quality report for https://architectures.kmi.open.ac.uk/ produced on January 8, 2025.

|  |  |  |
| --- | --- | --- |
| Overall Quality |  | 11 pages with quality issues |
| Errors |  | 3 pages with broken links or other errors |
| Accessibility |  | 4 pages with accessibility problems |
| Compatibility |  | 2 pages with browser specific issues |
| Search |  | 4 pages with search engine issues |
| Standards |  | 7 pages have W3C standards issues |
| Usability |  | 10 pages with usability issues |
| Totals |  | 87 URLs checked |

# Errors

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

## Priority 1

1 issues on 3 pages

Priority 1 This page contains some spelling errors.

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

delevelops mockups delevelops mockups <https://architectures.kmi.open.ac.uk/> line 430 430

convergency disciplinarity <https://architectures.kmi.open.ac.uk/challenges/> line 555 593

transmedia transmedia <https://architectures.kmi.open.ac.uk/publications/> line 612 932

# 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 AA

4 issues on 4 pages

Priority 2 Cannot use aria-label or aria-labelledby on elements and roles that prohibit naming.

The div and span elements have an implicit role of generic and cannot be named unless they have a role attribute. The following roles cannot be named: caption code deletion emphasis generic insertion paragraph presentation strong subscript superscript

[HTML5](https://html.spec.whatwg.org/multipage/)  [ARIA 1.2](https://www.w3.org/TR/wai-aria-1.2/#namefromprohibited)

Element role: generic <https://architectures.kmi.open.ac.uk/> line 4924

Priority 2 Do not use the meta viewport tag to disable zoom.

Setting user-scalable=no or maximum-scale to less than 2.0 prevents zooming small text to make it readable. Note that iOS 10+ ignores this setting.

[WCAG 2.1 AA 1.4.4](https://www.w3.org/TR/UNDERSTANDING-WCAG20/visual-audio-contrast-scale.html) [Section 508 (2017) AA 1.4.4](https://www.w3.org/TR/UNDERSTANDING-WCAG20/visual-audio-contrast-scale.html)

<https://architectures.kmi.open.ac.uk/> line 6

<https://architectures.kmi.open.ac.uk/challenges/> line 10

<https://architectures.kmi.open.ac.uk/group-network/> line 10

<https://architectures.kmi.open.ac.uk/publications/> line 10

Priority 2 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(255,255,255) background: rgb(252,0,135) font-size: 16.80pt font-weight: 400 with color: rgb(255,255,255) background: rgb(252,0,135) font-size: 16.80pt font-weight: 400 with color: rgb(255,255,255) background: rgb(252,0,135) font-size: 16.80pt font-weight: 400 with color: rgb(255,255,255) background: rgb(252,0,135) font-size: 16.80pt font-weight: 400 <https://architectures.kmi.open.ac.uk/> line 4732 4738 4741

The text color to background color contrast ratio after composition is: with color: rgb(255,255,255) background: rgb(252,0,135) font-size: 16.80pt font-weight: 400 with color: rgb(255,255,255) background: rgb(252,0,135) font-size: 16.80pt font-weight: 400 with color: rgb(255,255,255) background: rgb(252,0,135) font-size: 16.80pt font-weight: 400 with color: rgb(255,255,255) background: rgb(252,0,135) font-size: 16.80pt font-weight: 400 <https://architectures.kmi.open.ac.uk/challenges/> line 436 441 446 451

The text color to background color contrast ratio after composition is: with color: rgb(255,255,255) background: rgb(252,0,135) font-size: 16.80pt font-weight: 400 with color: rgb(255,255,255) background: rgb(252,0,135) font-size: 16.80pt font-weight: 400 with color: rgb(255,255,255) background: rgb(252,0,135) font-size: 16.80pt font-weight: 400 with color: rgb(255,255,255) background: rgb(252,0,135) font-size: 16.80pt font-weight: 400 <https://architectures.kmi.open.ac.uk/publications/> line 434 439 444 449

Priority 2 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 outline-style:none or outline-width:0 outline-style:none or outline-width:0 outline-style:none or outline-width:0 outline-style:none or outline-width:0 <https://architectures.kmi.open.ac.uk/> line 4732 4738 4741 4818 ...

outline-style:none or outline-width:0 outline-style:none or outline-width:0 outline-style:none or outline-width:0 outline-style:none or outline-width:0 outline-style:none or outline-width:0 <https://architectures.kmi.open.ac.uk/challenges/> line 436 446 451 511 516 ...

outline-style:none or outline-width:0 outline-style:none or outline-width:0 outline-style:none or outline-width:0 outline-style:none or outline-width:0 outline-style:none or outline-width:0 <https://architectures.kmi.open.ac.uk/publications/> line 434 533 549 565 581 ...

## Level AAA

4 issues on 3 pages

Priority 3 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://architectures.kmi.open.ac.uk/> line 4774 4826

<https://architectures.kmi.open.ac.uk/challenges/> line 581 668 672

<https://architectures.kmi.open.ac.uk/publications/> line 533 549 565 581 597 ...

Priority 3 Clickable targets must be at least 44 by 44 CSS pixels.

[WCAG 2.1 2.5.5](https://www.w3.org/WAI/WCAG21/Understanding/target-size.html)

4 x 14 <https://architectures.kmi.open.ac.uk/> line 4719

4 x 14 <https://architectures.kmi.open.ac.uk/challenges/> line 397

4 x 14 <https://architectures.kmi.open.ac.uk/publications/> line 395

Priority 3 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 0.0px 0.0px 0.0px 17.9px 0.2s :hover transition: background-size 0.0px 0.0px 0.0px 17.9px 0.2s :hover transition: background-size 0.0px 0.0px 0.0px 17.9px 0.2s :hover transition: background-size 0.0px 16.3px 0.0px 0.0px 0.2s :hover transition: background-size 300.0px 9.6px none 0.2s <https://architectures.kmi.open.ac.uk/> line 4719 4738 4741 4818 ...

:hover transition: background-size 0.0px 0.0px 0.0px 17.9px 0.2s :hover transition: background-size 0.0px 16.3px 0.0px 0.0px 0.2s :hover transition: background-size 0.0px 16.3px 0.0px 0.0px 0.2s :hover transition: background-size 0.0px 0.0px 0.0px 17.9px 0.2s :hover transition: background-size 0.0px 0.0px 0.0px 17.9px 0.2s <https://architectures.kmi.open.ac.uk/challenges/> line 436 446 451 511 516 ...

:hover transition: background-size 0.0px 0.0px 0.0px 17.9px 0.2s :hover transition: background-size 0.0px 16.3px 0.0px 0.0px 0.2s :hover transition: background-size 0.0px 16.3px 0.0px 0.0px 0.2s :hover transition: background-size 0.0px 16.3px 0.0px 0.0px 0.2s :hover transition: background-size 0.0px 16.3px 0.0px 0.0px 0.2s <https://architectures.kmi.open.ac.uk/publications/> line 434 533 549 565 581 ...

Priority 3 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(255,255,255) background: rgb(252,0,135) font-size: 20.40pt font-weight: 300 with color: rgb(255,255,255) background: rgb(252,0,135) font-size: 20.40pt font-weight: 300 with color: rgb(255,255,255) background: rgb(252,0,135) font-size: 19.20pt font-weight: 300 with color: rgb(255,255,255) background: rgb(252,0,135) font-size: 19.20pt font-weight: 300 with color: rgb(255,255,255) background: rgb(252,0,135) font-size: 19.20pt font-weight: 300 <https://architectures.kmi.open.ac.uk/> line 4803 4804 4807 4807 4807

## Informative

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

Priority 6 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://architectures.kmi.open.ac.uk/> line 1

# Compatibility

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

## Priority 2

2 issues on 1 pages

Priority 2 The :has() CSS pseudo class is not supported by all browsers.

[Firefox](https://developer.mozilla.org/en-US/docs/Web/CSS/:has#browser_compatibility)

<https://architectures.kmi.open.ac.uk/wp-includes/css/dist/block-library/style.min.css?ver=6.7.1> line 210 211 212

Priority 2 The CSS backdrop-filter: property is not supported by some browsers.

[Safari](https://developer.mozilla.org/en-US/docs/Web/CSS/backdrop-filter)  [iPhone/iPad](https://developer.mozilla.org/en-US/docs/Web/CSS/backdrop-filter)

<https://architectures.kmi.open.ac.uk/wp-includes/css/dist/block-library/style.min.css?ver=6.7.1> line 246

## Priority 3

4 issues on 2 pages

Priority 3 CSS flow relative margin-block- and margin-inline- properties are not supported by all browsers.

Use traditional margin properties, in addition to flow relative margins, as a fallback for older browsers.

[Safari](https://developer.mozilla.org/en-US/docs/Web/CSS/margin-block)  [iPhone/iPad](https://developer.mozilla.org/en-US/docs/Web/CSS/margin-block)

<https://architectures.kmi.open.ac.uk/wp-includes/css/dist/block-library/style.min.css?ver=6.7.1> line 625 626 627 629 ...

Priority 3 CSS flow relative padding-block- and padding-inline- properties are not supported by all browsers.

Use traditional padding properties, in addition to flow relative padding, as a fallback for older browsers.

[Safari](https://developer.mozilla.org/en-US/docs/Web/CSS/padding-block)  [iPhone/iPad](https://developer.mozilla.org/en-US/docs/Web/CSS/padding-block)

<https://architectures.kmi.open.ac.uk/wp-includes/css/dist/block-library/style.min.css?ver=6.7.1> line 625 626 627 629 ...

Priority 3 The :visited CSS selector only supports limited style changes.

Browsers restrict the :visited CSS selector to only color changes, to prevent a web page figuring out other web sites the user has visited.

[Firefox ≥ 4](https://developer.mozilla.org/en/docs/Web/CSS/:visited) [Chrome ≥ 6](https://developer.mozilla.org/en/docs/Web/CSS/:visited) [Android ≥ 6](https://developer.mozilla.org/en/docs/Web/CSS/:visited) [Edge ≥ 12](https://developer.mozilla.org/en/docs/Web/CSS/:visited) [Opera ≥ 15](https://developer.mozilla.org/en/docs/Web/CSS/:visited) [Safari ≥ 5](https://developer.mozilla.org/en/docs/Web/CSS/:visited) [iPhone/iPad ≥ 4.2](https://developer.mozilla.org/en/docs/Web/CSS/:visited)

<https://architectures.kmi.open.ac.uk/wp-includes/css/dist/block-library/style.min.css?ver=6.7.1> line 207

Priority 3 Using percentages for the opacity: CSS property is not supported by all browsers.

Use numbers instead of percentages for opacity because they're much better supported. For example, use 0.0 instead of 0%, 0.5 instead of 50% and 1.0 instead of 100%.

[Safari](https://developer.mozilla.org/en-US/docs/Web/CSS/opacity#Browser_compatibility)  [iPhone/iPad](https://developer.mozilla.org/en-US/docs/Web/CSS/opacity#Browser_compatibility)

<https://architectures.kmi.open.ac.uk/hki-data/plugins/beautiful-and-responsive-cookie-consent/public/cookieNSCconsent.min.css?ver=4.5.0> line 62

# Search

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

## Priority 1

2 issues on 2 pages

Priority 1 Offer an HTML site map to your users with links that point to the important parts of your site. Links embedded in menus, list boxes, and similar elements are not accessible to web crawlers unless they appear in your site map. If the site map is larger than 100 or so links, you may want to break the site map into separate pages.

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

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

Priority 1 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://architectures.kmi.open.ac.uk/group-network/> line 265

## Priority 2

1 issues on 4 pages

Priority 2 This page has more than one title element. Only the first title is displayed in search results.

Best Practice

<https://architectures.kmi.open.ac.uk/> line 7 56

<https://architectures.kmi.open.ac.uk/challenges/> line 14 110

<https://architectures.kmi.open.ac.uk/group-network/> line 14 110

<https://architectures.kmi.open.ac.uk/publications/> line 14 110

## Priority 4

1 issues on 3 pages

Priority 4 This page has more than one meta description tag. Only the first description is displayed in search results.

Best Practice

<https://architectures.kmi.open.ac.uk/> line 9 430

<https://architectures.kmi.open.ac.uk/challenges/> line 19 237

<https://architectures.kmi.open.ac.uk/group-network/> line 19

## Informative

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

Priority 6 No search keywords are set in SortSite, so no keyword optimization rules have been run.

If you want to check keyword optimization, set the keywords using the Scan Options command.

Best Practice

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

# Standards

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

## Priority 1

12 issues on 6 pages

Priority 1 A document must not include more than one meta element with name=description .

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

<https://architectures.kmi.open.ac.uk/> line 9 430

<https://architectures.kmi.open.ac.uk/challenges/> line 19 237

<https://architectures.kmi.open.ac.uk/group-network/> line 19

Priority 1 Attribute mask-type not allowed on element.

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

<https://architectures.kmi.open.ac.uk/> line 809 829 853 900 924 ...

Priority 1 Bad value for attribute href .

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

Unexpected character |Quicksand:400,700&display=swap&subset=latin-ext in query string href=https://fonts.googleapis.com/css?family=Lato:300,4 <https://architectures.kmi.open.ac.uk/> line 67

Unexpected character |Quicksand:400,700&display=swap&subset=latin-ext in query string href=https://fonts.googleapis.com/css?family=Lato:300,4 <https://architectures.kmi.open.ac.uk/challenges/> line 67

Unexpected character |Quicksand:400,700&display=swap&subset=latin-ext in query string href=https://fonts.googleapis.com/css?family=Lato:300,4 <https://architectures.kmi.open.ac.uk/group-network/> line 67

Unexpected character |Quicksand:400,700&display=swap&subset=latin-ext in query string href=https://fonts.googleapis.com/css?family=Lato:300,4 <https://architectures.kmi.open.ac.uk/publications/> line 67

Priority 1 Element title not allowed as child element in this context.

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

<https://architectures.kmi.open.ac.uk/> line 110

<https://architectures.kmi.open.ac.uk/challenges/> line 110

<https://architectures.kmi.open.ac.uk/group-network/> line 110

<https://architectures.kmi.open.ac.uk/publications/> line 110

Priority 1 End of file reached when inside an attribute value. Ignoring tag.

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

<https://architectures.kmi.open.ac.uk/group-network/> line 325

Priority 1 End of file seen and there were open elements.

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

<https://architectures.kmi.open.ac.uk/group-network/> line 324

Priority 1 Invalid value for CSS property.

CSS Validation

background: -webkit-linear-gradient( background: -webkit-linear-gradient( <https://architectures.kmi.open.ac.uk/wp-includes/js/mediaelement/mediaelementplayer-legacy.min.css?ver=4.2.17> line 30 42

max-width: -webkit-calc( <https://architectures.kmi.open.ac.uk/wp-includes/js/mediaelement/wp-mediaelement.min.css?ver=6.7.1> line 36

Priority 1 Reference to non-existent ID.

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

id=g60-email <https://architectures.kmi.open.ac.uk/group-network/> line 319

Priority 1 Text not allowed.

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

<https://architectures.kmi.open.ac.uk/> line 113

<https://architectures.kmi.open.ac.uk/challenges/> line 113

<https://architectures.kmi.open.ac.uk/group-network/> line 113

<https://architectures.kmi.open.ac.uk/publications/> line 113

Priority 1 The frameborder attribute on the iframe element is obsolete. Use CSS instead.

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

<https://architectures.kmi.open.ac.uk/> line 5031

Priority 1 The scrolling attribute on the iframe element is obsolete. Use CSS instead.

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

<https://architectures.kmi.open.ac.uk/> line 5031

Priority 1 The value of the for attribute of the label element must be the ID of a non-hidden form control.

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

<https://architectures.kmi.open.ac.uk/group-network/> line 319

## Priority 2

4 issues on 5 pages

Priority 2 aria-required is unnecessary for elements with a required attribute.

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

<https://architectures.kmi.open.ac.uk/> line 4685 4689

<https://architectures.kmi.open.ac.uk/challenges/> line 310 330

<https://architectures.kmi.open.ac.uk/group-network/> line 310

<https://architectures.kmi.open.ac.uk/publications/> line 308 328

Priority 2 Cannot use aria-label or aria-labelledby on elements and roles that prohibit naming.

The div and span elements have an implicit role of generic and cannot be named unless they have a role attribute. The following roles cannot be named: caption code deletion emphasis generic insertion paragraph presentation strong subscript superscript

[HTML5](https://html.spec.whatwg.org/multipage/)  [ARIA 1.2](https://www.w3.org/TR/wai-aria-1.2/#namefromprohibited)

Element role: generic <https://architectures.kmi.open.ac.uk/> line 4924

Priority 2 Deprecated @media feature.

The media feature should be replaced by a modern alternative. For example, replace device-height with height and min-device-width with min-width .

[CSS Validation](https://www.w3.org/TR/mediaqueries-4/#mf-deprecated)

min-device-width max-device-width min-device-width max-device-width min-device-width <https://architectures.kmi.open.ac.uk/hki-data/themes/hki/assets/css/style.css> line 452 453 464 465 475 ...

Priority 2 The navigation role is unnecessary for element nav .

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

<https://architectures.kmi.open.ac.uk/> line 4722

<https://architectures.kmi.open.ac.uk/challenges/> line 404

<https://architectures.kmi.open.ac.uk/publications/> line 402

## Priority 3

1 issues on 1 pages

Priority 3 Property doesn't exist in CSS.

The property name may be misspelled, vendor specific, or a new CSS property from a draft specification.

CSS Validation

border-botom-left-radius border-botom-right-radius <https://architectures.kmi.open.ac.uk/hki-data/themes/hki/assets/css/style.css> line 370

## Informative

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

Priority 6 Property or at-rule is vendor specific.

Properties and at-rules prefixed by a dash or underscore, the zoom property and the expression() function are vendor specific and only work on one browser engine.

CSS Validation

-moz-osx-font-smoothing -webkit-font-smoothing -webkit-animation -webkit-animation @-webkit-keyframes <https://architectures.kmi.open.ac.uk/> line 453 454 516 519 521 ...

-webkit-transition -webkit-transition -webkit-transition -webkit-transform -webkit-transform <https://architectures.kmi.open.ac.uk/hki-data/plugins/beautiful-and-responsive-cookie-consent/public/cookieNSCconsent.min.css?ver=4.5.0> line 1 3 3 4 5 ...

-webkit-box-shadow -webkit-font-smoothing -webkit-transition -moz-transition -o-transition <https://architectures.kmi.open.ac.uk/hki-data/plugins/jetpack/modules/carousel/jetpack-carousel.css?ver=14.2> line 161 169 238 239 240 ...

-ms-overflow-style -webkit-appearance <https://architectures.kmi.open.ac.uk/hki-data/plugins/jetpack/modules/carousel/swiper-bundle.css?ver=14.2> line 153 325

-webkit-box-sizing -moz-box-sizing -webkit-transition -moz-transition -moz-appearance <https://architectures.kmi.open.ac.uk/hki-data/themes/hki/assets/css/style.css> line 68 79 79 229 ...

-webkit-touch-callout -webkit-backdrop-filter -webkit-mask-image -webkit-mask-image -webkit-mask-image <https://architectures.kmi.open.ac.uk/wp-includes/css/dist/block-library/style.min.css?ver=6.7.1> line 166 246 246 300 300 ...

-webkit-clip-path -webkit-appearance -webkit-box-align -webkit-align-items -ms-flex-align <https://architectures.kmi.open.ac.uk/wp-includes/js/mediaelement/mediaelementplayer-legacy.min.css?ver=4.2.17> line 1 4 18 18 18 ...

-webkit-box-shadow <https://architectures.kmi.open.ac.uk/wp-includes/js/mediaelement/wp-mediaelement.min.css?ver=6.7.1> line 11

# Usability

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

## Priority 2

4 issues on 4 pages

Priority 2 Do not create or direct users into pages that have no navigational options. No links out of these pages found.

Many web pages contain links that open new browser windows. When these browser windows open, the Back button is disabled, and if the new window opens full-screen, users may not realize that a new window has appeared, and become frustrated because they cannot press Back. Popup windows should contain a prominent control that closes the window.

[Usability.gov 7:1](https://www.powermapper.com/products/sortsite/rules/usegov7.1/)

<https://architectures.kmi.open.ac.uk/group-network/> line 1

Priority 2 Minimize the time required to download a Web site's pages.

Users rate download times up to five seconds as 'good' and over ten seconds as 'poor'. Reduce the download time to 5 seconds or less by optimizing content or reducing the size of the page.

[Usability.gov 2:6](https://www.powermapper.com/products/sortsite/rules/usegov2.6/)

This page or file took 60 seconds to load. <https://architectures.kmi.open.ac.uk/group-network/> line 1

Priority 2 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://architectures.kmi.open.ac.uk/> line 4720 4827

<https://architectures.kmi.open.ac.uk/challenges/> line 398 673

<https://architectures.kmi.open.ac.uk/publications/> line 396 1189

Priority 2 Provide a search option on each page of content-rich web sites.

A search option should be provided on all pages where it may be useful - users should not have to return to the homepage to conduct a search. Search engines can be helpful on content-rich web sites, but do not add value on other types of sites.

[Usability.gov 17:4](https://www.powermapper.com/products/sortsite/rules/usegov17.4/)

<https://architectures.kmi.open.ac.uk/group-network/> line 1

## Priority 3

2 issues on 8 pages

Priority 3 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://architectures.kmi.open.ac.uk/> line 98

<https://architectures.kmi.open.ac.uk/hki-data/plugins/jetpack/modules/carousel/jetpack-carousel.css?ver=14.2> line 156 335 393 468 478 ...

<https://architectures.kmi.open.ac.uk/hki-data/plugins/oro-publications/assets/style.css?ver=6.7.1> line 16 61 109

<https://architectures.kmi.open.ac.uk/hki-data/themes/hki/assets/css/style.css> line 39 294 303 316 ...

<https://architectures.kmi.open.ac.uk/wp-includes/css/dist/block-library/style.min.css?ver=6.7.1> line 247

<https://architectures.kmi.open.ac.uk/wp-includes/js/mediaelement/mediaelementplayer-legacy.min.css?ver=4.2.17> line 31 35 91

<https://architectures.kmi.open.ac.uk/wp-includes/js/mediaelement/wp-mediaelement.min.css?ver=6.7.1> line 27 37 40 41 ...

Priority 3 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://architectures.kmi.open.ac.uk/publications/> line 549 565 597 709 725 ...

## Priority 4

1 issues on 1 pages

Priority 4 Use site maps for web sites that have many pages.

Site maps provide an overview of the Web site. They may display the hierarchy of the Web site, may be designed to resemble a traditional table of contents, or may be a simple index.

[Usability.gov 7:10](https://www.powermapper.com/products/sortsite/rules/usegov7.10/)

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