Performance Report for:
http://www.systemiq.earth/

Report generated: Thu, Mar 14, 2024 6:06 AM -0700
Test Server Location: 🇬🇧 London, UK
Using: ⬤ Chrome 117.0.0.0, Lighthouse 11.0.0

C	Performance	Structure		L. Contentful Paint	T. Blocking Time	C. Layout Shift
	70%	73%		2.0s	213ms	0

Top Issues

High	Avoid enormous network payloads LCP	Total size was 24.4MB
Med	Use explicit width and height on image elements CLS	1 image found
Med	Serve static assets with an efficient cache policy	Potential savings of 16.1MB
Med-Low	Avoid document.write()	1 instance found
Med-Low	Avoid CSS @import FCP LCP	1 resource found

Page Details

3.1s
Fully Loaded Time

Total Page Size - 21.0MB

Video 16.6MB	IMG 3.19MB	JS 784K	

Total Page Requests - 80

JS 45%	IMG 35%	Font 8.8%	CSS 3.8%	

🟪 HTML ▮ JS ▮ CSS ▮ IMG ▮ Video 🟪 Font ▮ Other

How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**
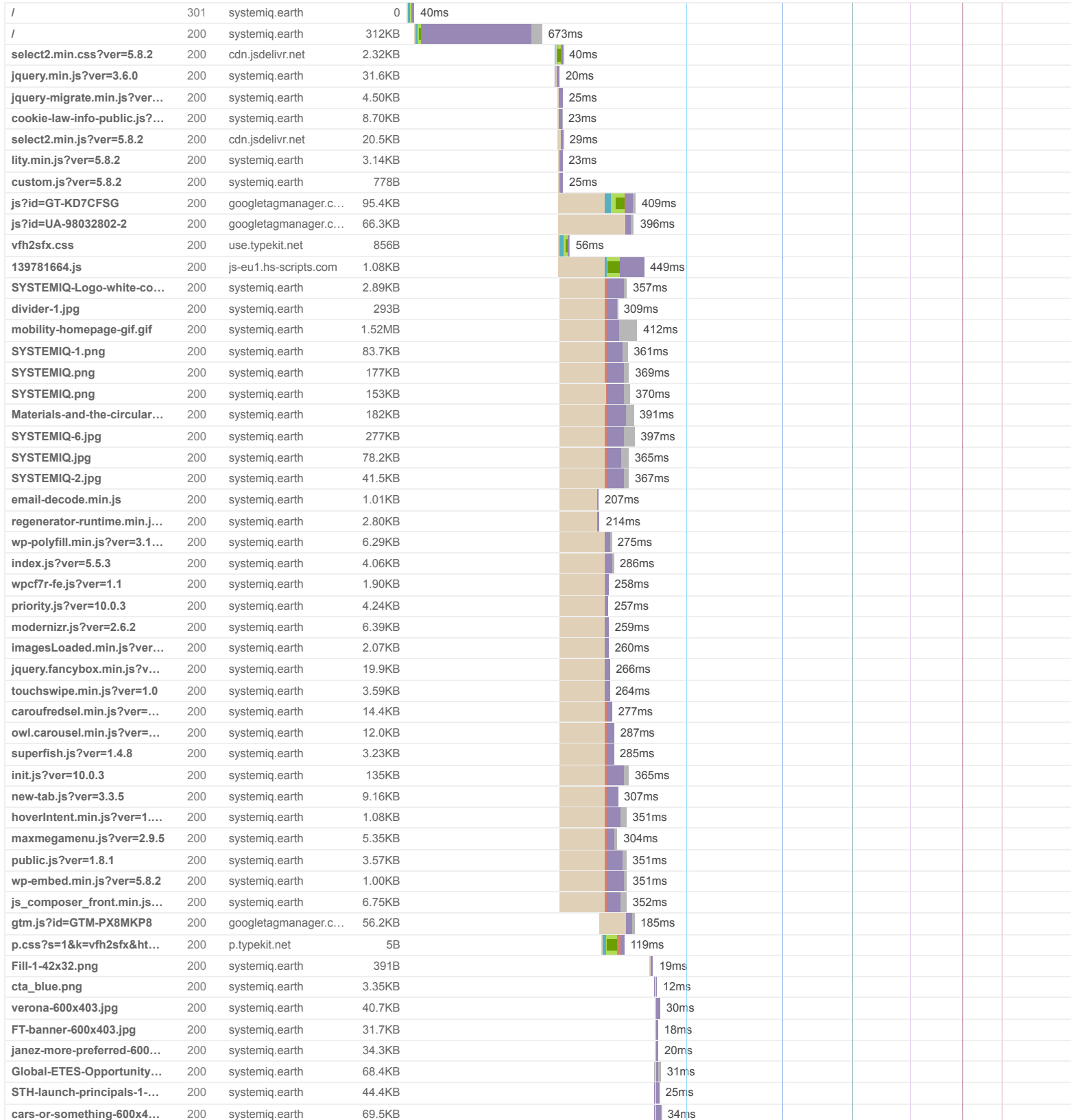
About GTmetrix

CARBON 60
THE MANAGED CLOUD COMPANY

GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 28 years experience in web technology.
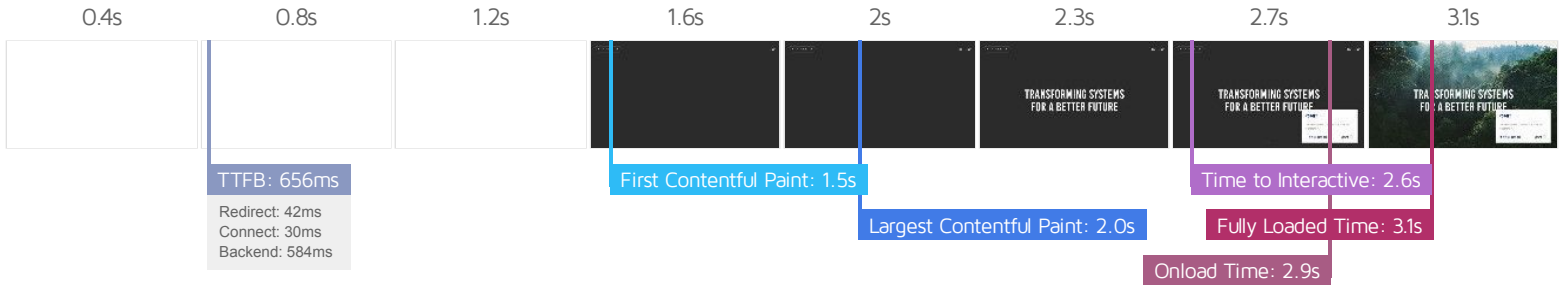
https://carbon60.com/

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

SYSTEMIQ | The system change company

Resource	Status	Host	Size	Time
/	301	systemiq.earth	0	40ms
/	200	systemiq.earth	312KB	673ms
select2.min.css?ver=5.8.2	200	cdn.jsdelivr.net	2.32KB	40ms
jquery.min.js?ver=3.6.0	200	systemiq.earth	31.6KB	20ms
jquery-migrate.min.js?ver...	200	systemiq.earth	4.50KB	25ms
cookie-law-info-public.js?...	200	systemiq.earth	8.70KB	23ms
select2.min.js?ver=5.8.2	200	cdn.jsdelivr.net	20.5KB	29ms
lity.min.js?ver=5.8.2	200	systemiq.earth	3.14KB	23ms
custom.js?ver=5.8.2	200	systemiq.earth	778B	25ms
js?id=GT-KD7CFSG	200	googletagmanager.c...	95.4KB	409ms
js?id=UA-98032802-2	200	googletagmanager.c...	66.3KB	396ms
vfh2sfx.css	200	use.typekit.net	856B	56ms
139781664.js	200	js-eu1.hs-scripts.com	1.08KB	449ms
SYSTEMIQ-Logo-white-co...	200	systemiq.earth	2.89KB	357ms
divider-1.jpg	200	systemiq.earth	293B	309ms
mobility-homepage-gif.gif	200	systemiq.earth	1.52MB	412ms
SYSTEMIQ-1.png	200	systemiq.earth	83.7KB	361ms
SYSTEMIQ.png	200	systemiq.earth	177KB	369ms
SYSTEMIQ.png	200	systemiq.earth	153KB	370ms
Materials-and-the-circular...	200	systemiq.earth	182KB	391ms
SYSTEMIQ-6.jpg	200	systemiq.earth	277KB	397ms
SYSTEMIQ.jpg	200	systemiq.earth	78.2KB	365ms
SYSTEMIQ-2.jpg	200	systemiq.earth	41.5KB	367ms
email-decode.min.js	200	systemiq.earth	1.01KB	207ms
regenerator-runtime.min.j...	200	systemiq.earth	2.80KB	214ms
wp-polyfill.min.js?ver=3.1...	200	systemiq.earth	6.29KB	275ms
index.js?ver=5.5.3	200	systemiq.earth	4.06KB	286ms
wpcf7r-fe.js?ver=1.1	200	systemiq.earth	1.90KB	258ms
priority.js?ver=10.0.3	200	systemiq.earth	4.24KB	257ms
modernizr.js?ver=2.6.2	200	systemiq.earth	6.39KB	259ms
imagesLoaded.min.js?ver...	200	systemiq.earth	2.07KB	260ms
jquery.fancybox.min.js?v...	200	systemiq.earth	19.9KB	266ms
touchswipe.min.js?ver=1.0	200	systemiq.earth	3.59KB	264ms
caroufredsel.min.js?ver=...	200	systemiq.earth	14.4KB	277ms
owl.carousel.min.js?ver=...	200	systemiq.earth	12.0KB	287ms
superfish.js?ver=1.4.8	200	systemiq.earth	3.23KB	285ms
init.js?ver=10.0.3	200	systemiq.earth	135KB	365ms
new-tab.js?ver=3.3.5	200	systemiq.earth	9.16KB	307ms
hoverIntent.min.js?ver=1....	200	systemiq.earth	1.08KB	351ms
maxmegamenu.js?ver=2.9.5	200	systemiq.earth	5.35KB	304ms
public.js?ver=1.8.1	200	systemiq.earth	3.57KB	351ms
wp-embed.min.js?ver=5.8.2	200	systemiq.earth	1.00KB	351ms
js_composer_front.min.js...	200	systemiq.earth	6.75KB	352ms
gtm.js?id=GTM-PX8MKP8	200	googletagmanager.c...	56.2KB	185ms
p.css?s=1&k=vfh2sfx&ht...	200	p.typekit.net	5B	119ms
Fill-1-42x32.png	200	systemiq.earth	391B	19ms
cta_blue.png	200	systemiq.earth	3.35KB	12ms
verona-600x403.jpg	200	systemiq.earth	40.7KB	30ms
FT-banner-600x403.jpg	200	systemiq.earth	31.7KB	18ms
janez-more-preferred-600...	200	systemiq.earth	34.3KB	20ms
Global-ETES-Opportunity...	200	systemiq.earth	68.4KB	31ms
STH-launch-principals-1-...	200	systemiq.earth	44.4KB	25ms
cars-or-something-600x4...	200	systemiq.earth	69.5KB	34ms

jeremy-no-Logo-600x403.j…	200	systemiq.earth	22.7KB		26ms	
adair-at-cop-600x403.jpg	200	systemiq.earth	35.6KB		30ms	
SYSTEMIQ-4.jpg	200	systemiq.earth	360KB		58ms	
cta.png	200	systemiq.earth	2.09KB		23ms	
l?primer=7cdcb44be4a7d…	200	use.typekit.net	14.3KB		214ms	
OpenSans-Regular-webfo…	200	systemiq.earth	14.1KB		226ms	
l?primer=7cdcb44be4a7d…	200	use.typekit.net	14.6KB		214ms	
icomoon.woff	200	systemiq.earth	11.1KB		231ms	
OpenSans-Light-webfont…	200	systemiq.earth	13.9KB		236ms	
SYSTEMIQ-HD.mp4	(incomplete	systemiq.earth	13.6MB		>1.7s	
SYSTEMIQ-HD-15secs.mp4	206	systemiq.earth	3.00MB		234ms	
cta-blue-next.png	200	systemiq.earth	1.55KB		24ms	
tab-arrow.png	200	systemiq.earth	313B		19ms	
accept-tick.png	200	systemiq.earth	1.31KB		19ms	
l?primer=7cdcb44be4a7d…	200	use.typekit.net	14.6KB		284ms	
fontawesome-webfont.wo…	200	systemiq.earth	75.4KB		293ms	
js?id=GT-KD7CFSG&l=da…	200	googletagmanager.c…	95.5KB		51ms	
js?id=UA-98032802-2&l=d…	200	googletagmanager.c…	66.4KB		45ms	
139781664.js	200	js-eu1.hs-analytics.net	21.2KB		132ms	
collectedforms.js	200	js-eu1.hscollectedfor…	25.2KB		138ms	
banner.js	200	js-eu1.hs-banner.com	23.1KB		108ms	
analytics.js	200	google-analytics.com	20.5KB		36ms	
json?portalId=139781664…	200	forms-eu1.hscollecte…	437B		98ms	
settings-ico.png	200	systemiq.earth	680B		14ms	
counters.gif?key=collecte…	200	forms-eu1.hsforms.c…	1.15KB		202ms	
__ptq.gif?k=1&sd=1367x8…	200	track-eu1.hubspot.com	45B		206ms	
SYSTEMIQ-1.png	200	systemiq.earth	1.70KB		24ms	

80 Requests   **21.0MB (24.6MB Uncompressed)**   **Fully Loaded 3.1s (Onload 2.9s)**

0.4s	0.8s	1.2s	1.6s	2s	2.3s	2.7s	3.1s

TTFB: 656ms
Redirect: 42ms
Connect: 30ms
Backend: 584ms

First Contentful Paint: 1.5s

Largest Contentful Paint: 2.0s

Time to Interactive: 2.6s

Fully Loaded Time: 3.1s

Onload Time: 2.9s

Performance Metrics

First Contentful Paint

How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.

Longer than recommended

1.5s

Time to Interactive

How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.

OK, but consider improvement

2.6s

Speed Index

How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.

Much longer than recommended

4.8s

Total Blocking Time

How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.

OK, but consider improvement

213ms

Largest Contentful Paint

How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.

Longer than recommended

2.0s

Cumulative Layout Shift

How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.

Good - Nothing to do here

0

Browser Timings

Redirect	42ms	Connect	30ms	Backend	584ms
TTFB	656ms	First Paint	1.5s	DOM Int.	2.3s
DOM Loaded	2.3s	Onload	2.9s	Fully Loaded	3.1s

IMPACT	AUDIT

Low	**Avoid an excessive DOM size** TBT		1,074 elements

A large DOM will increase memory usage, cause longer style calculations, and produce costly layout reflows.

STATISTIC	ELEMENT	VALUE
Total DOM Elements		1074
Maximum DOM Depth	li#mega-menu-item-2406 > ul.mega-sub-menu > li#mega-menu-item-2400 > a.mega-menu-link `<a class="mega-menu-link" href="https://www.systemiq.earth/systems/land-use/">`	23
Maximum Child Elements	Hit enter to search or ESC to close Mail Menu Transforming systems for a better… `<div class="ocm-effect-wrap-inner">`	33

Low	**Use passive listeners to improve scrolling performance**		2 event listeners not passive

Consider marking your touch and wheel event listeners as `passive` to improve your page's scroll performance.

URL	LOCATION
• https://www.systemiq.earth/wp-content/themes/salient/js/init.js?ver=10.0.3	Line:82
• https://www.systemiq.earth/wp-includes/js/jquery/jquery.min.js?ver=3.6.0	Line:1

Low	**Avoid long main-thread tasks** TBT		10 long tasks found

Lists the longest tasks on the main thread, useful for identifying worst contributors to input delay.

URL	START TIME	DURATION
• https://www.systemiq.earth/	1.3s	135ms
• https://www.systemiq.earth/wp-includes/js/jquery/jquery.min.js?ver=3.6.0	2.5s	130ms
• https://www.systemiq.earth/	1.7s	122ms
• https://www.googletagmanager.com/gtm.js?id=GTM-PX8MKP8	2.3s	94ms
• https://www.systemiq.earth/	713ms	87ms
• Unattributable	2.0s	61ms
• Unattributable	880ms	59ms
• Unattributable	809ms	58ms
• https://www.systemiq.earth/	1.5s	54ms
• https://www.systemiq.earth/	1.2s	53ms

Low	**Eliminate render-blocking resources** FCP LCP		Potential savings of 64ms

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles.

Resources that **may** be contributing to render-blocking include:

URL	TRANSFER SIZE	DOWNLOAD TIME
• https://cdn.jsdelivr.net/npm/select2@4.1.0-beta.1/dist/css/select2.min.css?ver=5.8.2	2.45KB	761ms
• https://use.typekit.net/vfh2sfx.css	1.05KB	759ms
• https://www.systemiq.earth/wp-includes/js/jquery/jquery.min.js?ver=3.6.0	31.6KB	608ms
• https://www.systemiq.earth/wp-content/plugins/cookie-law-info/public/js/cookie-law-info-public.js?ver=2.0.6	8.70KB	304ms
• https://cdn.jsdelivr.net/npm/select2@4.1.0-beta.1/dist/js/select2.min.js?ver=5.8.2	21.0KB	450ms

Low	**Avoid chaining critical requests** FCP LCP	35 chains found

The Critical Request Chains below show you what resources are loaded with a high priority. Consider reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load.

Maximum critical path latency: **1.8s**

INITIAL NAVIGATION

  http://www.systemiq.earth/ 670B, 37ms
    https://www.systemiq.earth/ 312KB, 672ms
      https://www.systemiq.earth/wp-content/themes/salient/js/init.js?ver=10.0.3 135KB, 136ms
      https://www.systemiq.earth/wp-content/plugins/js_composer_salient/assets/js/dist/js_composer_front.min.js?ver=5.7 6.75KB, 123ms
      https://www.systemiq.earth/wp-content/plugins/megamenu-pro/icons/fontawesome/fonts/fontawesome-webfont.woff2?v=4.7.0 75.8KB, 19ms
      https://www.systemiq.earth/wp-includes/js/dist/vendor/wp-polyfill.min.js?ver=3.15.0 6.29KB, 49ms
      https://www.systemiq.earth/wp-content/themes/salient/css/fonts/OpenSans-Regular-webfont.woff 14.1KB, 38ms
      https://cdn.jsdelivr.net/npm/select2@4.1.0-beta.1/dist/css/select2.min.css?ver=5.8.2 2.45KB, 39ms
      https://www.systemiq.earth/wp-content/themes/salient/js/imagesLoaded.min.js?ver=4.1.4 2.07KB, 34ms
      https://www.systemiq.earth/wp-content/themes/salient/js/superfish.js?ver=1.4.8 3.23KB, 57ms
      https://www.systemiq.earth/wp-content/plugins/contact-form-7/includes/js/index.js?ver=5.5.3 4.06KB, 60ms
      https://www.systemiq.earth/cdn-cgi/scripts/5c5dd728/cloudflare-static/email-decode.min.js 1.01KB, 9ms
      https://www.systemiq.earth/wp-includes/js/hoverIntent.min.js?ver=1.10.1 1.08KB, 123ms
      https://www.systemiq.earth/wp-content/themes/salient/js/jquery.fancybox.min.js?ver=7.0.1 19.9KB, 40ms
      https://www.systemiq.earth/wp-includes/js/jquery/jquery-migrate.min.js?ver=3.3.2 4.50KB, 24ms
      https://www.systemiq.earth/wp-includes/js/jquery/jquery.min.js?ver=3.6.0 31.6KB, 18ms
      https://www.systemiq.earth/wp-content/plugins/wpcf7-redirect/build/js/wpcf7r-fe.js?ver=1.1 1.90KB, 32ms
      https://www.systemiq.earth/wp-includes/js/dist/vendor/regenerator-runtime.min.js?ver=0.13.7 2.80KB, 15ms
      https://cdn.jsdelivr.net/npm/select2@4.1.0-beta.1/dist/js/select2.min.js?ver=5.8.2 21.0KB, 28ms
      https://www.systemiq.earth/wp-content/plugins/megamenu-pro/assets/public.js?ver=1.8.1 3.57KB, 123ms
      https://www.systemiq.earth/wp-content/themes/salient/js/caroufredsel.min.js?ver=7.0.1 14.4KB, 50ms
      https://www.systemiq.earth/wp-content/themes/salient/js/modernizr.js?ver=2.6.2 6.39KB, 33ms
      https://www.systemiq.earth/wp-content/plugins/cookie-law-info/public/js/cookie-law-info-public.js?ver=2.0.6 8.70KB, 22ms
      https://www.systemiq.earth/wp-content/themes/salient/css/fonts/icomoon.woff 11.1KB, 43ms
      https://www.systemiq.earth/wp-content/themes/systemiq/assets/custom.js?ver=5.8.2 778B, 24ms
      https://www.systemiq.earth/wp-content/themes/salient/js/priority.js?ver=10.0.3 4.24KB, 31ms
      https://www.systemiq.earth/wp-content/themes/salient/css/fonts/OpenSans-Light-webfont.woff 13.9KB, 16ms
      https://www.systemiq.earth/wp-content/themes/salient/js/owl.carousel.min.js?ver=2.3.4 12.0KB, 60ms
      https://www.systemiq.earth/wp-content/themes/systemiq/assets/lity/lity.min.js?ver=5.8.2 3.14KB, 22ms
      https://www.systemiq.earth/wp-includes/js/wp-embed.min.js?ver=5.8.2 1.00KB, 123ms
      https://www.systemiq.earth/wp-content/plugins/megamenu/js/maxmegamenu.js?ver=2.9.5 5.35KB, 75ms
      https://www.systemiq.earth/wp-content/plugins/page-links-to/dist/new-tab.js?ver=3.3.5 9.16KB, 78ms
      https://www.systemiq.earth/wp-content/themes/salient/js/touchswipe.min.js?ver=1.0 3.59KB, 37ms

https://use.typekit.net/vfh2sfx.css ⧉ 1.05KB, 55ms

https://p.typekit.net/p.css?s=1&k=vfh2sfx&ht=tk&f=2005.2007.2009.37396.39200.39203&a=84146636&app=typekit&e=css ⧉ 172B, 116ms

https://use.typekit.net/af/471ad1/00000000000000003b9b12f0/27/l?primer=7cdcb44be4a7db8877ffa5c0007b8dd865b3bbc383831fe2ea177f62257a9191&fvd=n7&v=3 ⧉ 14.8KB, 10ms

https://use.typekit.net/af/6a354c/00000000000000003b9b12e7/27/l?primer=7cdcb44be4a7db8877ffa5c0007b8dd865b3bbc383831fe2ea177f62257a9191&fvd=n4&v=3 ⧉ 14.5KB, 26ms

https://use.typekit.net/af/afc5c6/00000000000000003b9b1f23/27/l?primer=7cdcb44be4a7db8877ffa5c0007b8dd865b3bbc383831fe2ea177f62257a9191&fvd=n4&v=3 ⧉ 14.8KB, 26ms

| Low | Ensure text remains visible during webfont load FCP LCP | | 7 fonts found |

Leverage the `font-display` CSS feature to ensure text is user-visible while webfonts are loading.

URL	POTENTIAL SAVINGS
• https://use.typekit.net/af/6a354c/00000000000000003b9b12e7/27/l?primer=7cdcb44be4a7db8877ffa5c0007b8dd865b3bbc383831fe2ea177f62257a9191&fvd=n4&v=3	26ms
• https://www.systemiq.earth/wp-content/themes/salient/css/fonts/OpenSans-Regular-webfont.woff	38ms
• https://use.typekit.net/af/afc5c6/00000000000000003b9b1f23/27/l?primer=7cdcb44be4a7db8877ffa5c0007b8dd865b3bbc383831fe2ea177f62257a9191&fvd=n4&v=3	26ms
• https://www.systemiq.earth/wp-content/themes/salient/css/fonts/icomoon.woff	43ms
• https://www.systemiq.earth/wp-content/themes/salient/css/fonts/OpenSans-Light-webfont.woff	16ms
• https://use.typekit.net/af/471ad1/00000000000000003b9b1f20/27/l?primer=7cdcb44be4a7db8877ffa5c0007b8dd865b3bbc383831fe2ea177f62257a9191&fvd=n7&v=3	10ms
• https://www.systemiq.earth/wp-content/plugins/megamenu-pro/icons/fontawesome/fonts/fontawesome-webfont.woff2?v=4.7.0	19ms

| Low | Use video formats for animated content LCP | Potential savings of 1.22MB |

Large GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM videos for animations and PNG/WebP for static images instead of GIF to save network bytes.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
• https://www.systemiq.earth/wp-content/uploads/2024/02/mobility-homepage-gif.gif	1.52MB	1.22MB

| Low | Properly size images | Potential savings of 708KB |

Serve images that are appropriately-sized to save cellular data and improve load time.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://www.systemiq.earth/wp-content/uploads/2019/05/SYSTEMIQ-6.jpg	277KB	237KB
https://www.systemiq.earth/wp-content/uploads/2020/01/Materials-and-the-circular-economy-1536x1024.jpg	182KB	171KB
https://www.systemiq.earth/wp-content/uploads/2019/08/SYSTEMIQ.png	177KB	100KB
https://www.systemiq.earth/wp-content/uploads/2019/06/SYSTEMIQ.png	153KB	86.0KB
https://www.systemiq.earth/wp-content/uploads/2019/07/SYSTEMIQ.jpg	78.2KB	67.0KB
https://www.systemiq.earth/wp-content/uploads/2019/08/SYSTEMIQ-1.png	83.7KB	47.0KB

| Low | Avoid multiple page redirects FCP LCP | Potential savings of 38ms |

Redirects introduce additional delays before the page can be loaded.

URL	TIME SPENT
• http://www.systemiq.earth/	38ms
• https://www.systemiq.earth/	0ms

Low	Reduce JavaScript execution time TBT	377ms spent executing JavaScript

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this.

URL	TOTAL CPU TIME	SCRIPT EVALUATION	SCRIPT PARSE
• https://www.systemiq.earth/	762ms	39ms	3ms
• Unattributable	637ms	3ms	0ms
• https://www.systemiq.earth/wp-includes/js/jquery/jquery.min.js?ver=3.6.0	351ms	205ms	1ms
• https://js-eu1.hscollectedforms.net/collectedforms.js	74ms	66ms	1ms
• https://www.googletagmanager.com/gtag/js?id=UA-98032802-2	55ms	46ms	9ms

Low	Reduce unused CSS FCP LCP	Potential savings of 267KB

Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
• @charset "UTF-8";#start-resizable-editor-section{display:none} …	272KB	257KB
• @media only screen and (min-width:1001px){#header-outer[data-format="centered-menu-bottom-bar"] head… } …	11.6KB	10.6KB

Low	Serve images in next-gen formats	Potential savings of 818KB

Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://www.systemiq.earth/wp-content/uploads/2019/05/SYSTEMIQ-4.jpg	360KB	158KB
https://www.systemiq.earth/wp-content/uploads/2019/05/SYSTEMIQ-6.jpg	277KB	116KB
https://www.systemiq.earth/wp-content/uploads/2019/08/SYSTEMIQ.png	177KB	110KB
https://www.systemiq.earth/wp-content/uploads/2020/01/Materials-and-the-circular-economy-1536x1024.jpg	182KB	101KB
https://www.systemiq.earth/wp-content/uploads/2019/06/SYSTEMIQ.png	153KB	91.9KB
https://www.systemiq.earth/wp-content/uploads/2019/08/SYSTEMIQ-1.png	83.7KB	63.6KB
https://www.systemiq.earth/wp-content/uploads/2019/07/SYSTEMIQ.jpg	78.2KB	37.5KB
https://www.systemiq.earth/wp-content/uploads/2024/02/Global-ETES-Opportunity-Report-240213_Page_04_Image_0001-600x403.jpg	68.4KB	20.6KB
https://www.systemiq.earth/wp-content/uploads/2024/01/cars-or-something-600x403.jpg	69.5KB	19.8KB
https://www.systemiq.earth/wp-content/uploads/2019/11/SYSTEMIQ-2.jpg	41.5KB	19.3KB
https://www.systemiq.earth/wp-content/uploads/2024/01/STH-launch-principals-1-600x403.jpg	44.4KB	17.2KB
https://www.systemiq.earth/wp-content/uploads/2023/12/adair-at-cop-600x403.jpg	35.6KB	13.8KB
https://www.systemiq.earth/wp-content/uploads/2019/08/janez-more-preferred-600x403.jpg	34.3KB	13.6KB
https://www.systemiq.earth/wp-content/uploads/2024/03/FT-banner-600x403.jpg	31.7KB	13.4KB
https://www.systemiq.earth/wp-content/uploads/2024/02/verona-600x403.jpg	40.7KB	13.4KB
https://www.systemiq.earth/wp-content/uploads/2023/12/jeremy-no-Logo-600x403.jpeg	22.7KB	9.8KB

Low	Reduce initial server response time FCP LCP	Root document took 583ms

Keep the server response time for the main document short because all other requests depend on it.

URL	TIME SPENT
https://www.systemiq.earth/	583ms

Low	**Defer offscreen images**	Potential savings of 1.01MB

Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://www.systemiq.earth/wp-content/uploads/2019/05/SYSTEMIQ-4.jpg	360KB	360KB
https://www.systemiq.earth/wp-content/uploads/2019/05/SYSTEMIQ-6.jpg	277KB	277KB
https://www.systemiq.earth/wp-content/uploads/2020/01/Materials-and-the-circular-economy-1536x1024.jpg	182KB	182KB
https://www.systemiq.earth/wp-content/uploads/2019/07/SYSTEMIQ.jpg	78.2KB	78.2KB
https://www.systemiq.earth/wp-content/uploads/2024/01/cars-or-something-600x403.jpg	69.5KB	69.5KB
https://www.systemiq.earth/wp-content/uploads/2019/11/SYSTEMIQ-2.jpg	41.5KB	41.5KB
https://www.systemiq.earth/wp-content/uploads/2023/12/jeremy-no-Logo-600x403.jpeg	22.7KB	22.7KB

Low	**Avoid non-composited animations** CLS	3 animated elements found

Animations which are not composited can be janky and increase CLS.

Title Mr Mrs Miss Ms Dr

```
<select name="menu-32" class="wpcf7-form-control wpcf7-select select2-hidden-accessible" aria-invalid="false" data-select2-id="select2-data-1-m32j" tabindex="-1" aria-hidden="true">
```

Unsupported CSS Property: width	width
Unsupported CSS Property: padding-bottom	padding-botto m
Unsupported CSS Property: padding-left	padding-left
Unsupported CSS Property: padding-right	padding-right
Unsupported CSS Property: padding-top	padding-top

div.owl-carousel > div.owl-dots > button.owl-dot > span

```
<span>
```

Unsupported CSS Property: background-color	background-c olor
Unsupported CSS Property: border-bottom-color	border-bottom -color
Unsupported CSS Property: background-position-x	background-p osition-x
Unsupported CSS Property: background-position-y	background-p osition-y
Unsupported CSS Property: border-left-color	border-left-col or
Unsupported CSS Property: border-right-color	border-right-c olor
Unsupported CSS Property: border-top-color	border-top-col or

div.owl-carousel > div.owl-dots > button.owl-dot > span

```
<span>
```

Unsupported CSS Property: background-color	background-c olor
Unsupported CSS Property: border-bottom-color	border-bottom -color
Unsupported CSS Property: background-position-x	background-p osition-x
Unsupported CSS Property: background-position-y	background-p osition-y
Unsupported CSS Property: border-left-color	border-left-col or
Unsupported CSS Property: border-right-color	border-right-c olor
Unsupported CSS Property: border-top-color	border-top-col or

Low	**Minify JavaScript** FCP LCP	Potential savings of 26.7KB

Minifying JavaScript files can reduce payload sizes and script parse time.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
• https://www.systemiq.earth/wp-content/themes/salient/js/init.js?ver=10.0.3	135KB	26.7KB

Low	**Reduce unused JavaScript** LCP	Potential savings of 327KB

Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
https://www.systemiq.earth/wp-content/themes/salient/js/init.js?ver=10.0.3	135KB	101KB
https://www.googletagmanager.com/gtag/js?id=GT-KD7CFSG&l=dataLayer&cx=c	95.6KB	65.1KB
https://www.googletagmanager.com/gtag/js?id=UA-98032802-2&l=dataLayer&cx=c	66.5KB	51.5KB
https://www.googletagmanager.com/gtag/js?id=GT-KD7CFSG	95.5KB	42.9KB
https://www.googletagmanager.com/gtag/js?id=UA-98032802-2	66.7KB	33.4KB
https://www.googletagmanager.com/gtm.js?id=GTM-PX8MKP8	56.3KB	32.4KB

N/A	**Largest Contentful Paint element** LCP	1,970 ms

This is the largest contentful element painted within the viewport.

ELEMENT

Transforming systems for a better future
`<h1>`

PHASE	% OF LCP	TIMING
TTFB	33%	655ms
Load Delay	0%	0ms
Load Time	0%	0ms
Render Delay	67%	1.3s

N/A	**Minimize main-thread work** TBT	Main-thread busy for 2.3s

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this.

CATEGORY	TIME SPENT
Other	910ms
Script Evaluation	602ms
Style & Layout	482ms
Parse HTML & CSS	149ms
Script Parsing & Compilation	93ms
Rendering	33ms
Garbage Collection	13ms

N/A	**Reduce the impact of third-party code** TBT	Total size was 544KB

Third-party code can significantly impact load performance. Limit the number of redundant third-party providers and try to load third-party code after your page has primarily finished loading.

THIRD-PARTY	TRANSFER SIZE	MAIN-THREAD BLOCKING TIME
GOOGLE TAG MANAGER	381KB	0ms
• https://www.googletagmanager.com/gtag/js?id=GT-KD7CFSG&l=dataLayer&cx=c	95.6KB	0ms
• https://www.googletagmanager.com/gtag/js?id=GT-KD7CFSG	95.5KB	0ms
• https://www.googletagmanager.com/gtag/js?id=UA-98032802-2	66.7KB	0ms
• https://www.googletagmanager.com/gtag/js?id=UA-98032802-2&l=dataLayer&cx=c	66.5KB	0ms
• https://www.googletagmanager.com/gtm.js?id=GTM-PX8MKP8	56.3KB	0ms
HUBSPOT	73.4KB	0ms
• https://js-eu1.hscollectedforms.net/collectedforms.js	25.2KB	0ms
• https://js-eu1.hs-banner.com/v2/139781664/banner.js	23.1KB	0ms
• https://js-eu1.hs-analytics.net/analytics/1710413100000/139781664.js	21.2KB	0ms
ADOBE TYPEKIT	45.3KB	0ms
• https://use.typekit.net/af/471ad1/00000000000000003b9b1f20/27/l?primer=7cdcb44be4a7db8877ffa5c0007b8dd865b3bbc383831fe2ea177f62257a9191&fvd=n7&v=3	14.8KB	0ms
• https://use.typekit.net/af/afc5c6/00000000000000003b9b1f23/27/l?primer=7cdcb44be4a7db8877ffa5c0007b8dd865b3bbc383831fe2ea177f62257a9191&fvd=n4&v=3	14.8KB	0ms
• https://use.typekit.net/af/6a354c/00000000000000003b9b12e7/27/l?primer=7cdcb44be4a7db8877ffa5c0007b8dd865b3bbc383831fe2ea177f62257a9191&fvd=n4&v=3	14.5KB	0ms
JSDELIVR CDN	23.5KB	0ms
• https://cdn.jsdelivr.net/npm/select2@4.1.0-beta.1/dist/js/select2.min.js?ver=5.8.2	21.0KB	0ms
GOOGLE ANALYTICS	20.8KB	0ms
• https://www.google-analytics.com/analytics.js	20.8KB	0ms

N/A	**Avoid serving legacy JavaScript to modern browsers** TBT

Nothing to do here, good job!

N/A	**Avoid large layout shifts** CLS

Nothing to do here, good job!

N/A	**User Timing marks and measures**

No user timings and/or marks found.