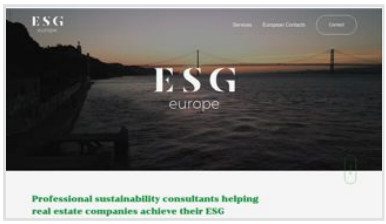


Performance Report for:

http://esgeurope.group/

Report generated: Wed, Mar 13, 2024 11:24 PM -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
	72%	79%	2.6s	0ms	0

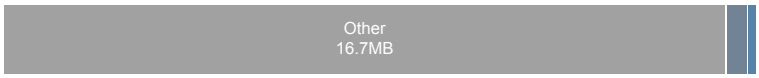
Top Issues

High	**Avoid enormous network payloads** LCP	Total size was 17.6MB
High	**Reduce initial server response time** FCP LCP	Root document took 602ms
Med	**Use explicit width and height on image elements** CLS	6 images found
Med-Low	**Serve static assets with an efficient cache policy**	Potential savings of 199KB
Med-Low	**Use a Content Delivery Network (CDN)**	19 resources found

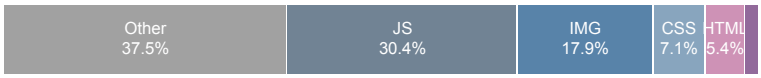
Page Details

4.8s
Fully Loaded Time

Total Page Size - 17.6MB



Total Page Requests - 56



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.

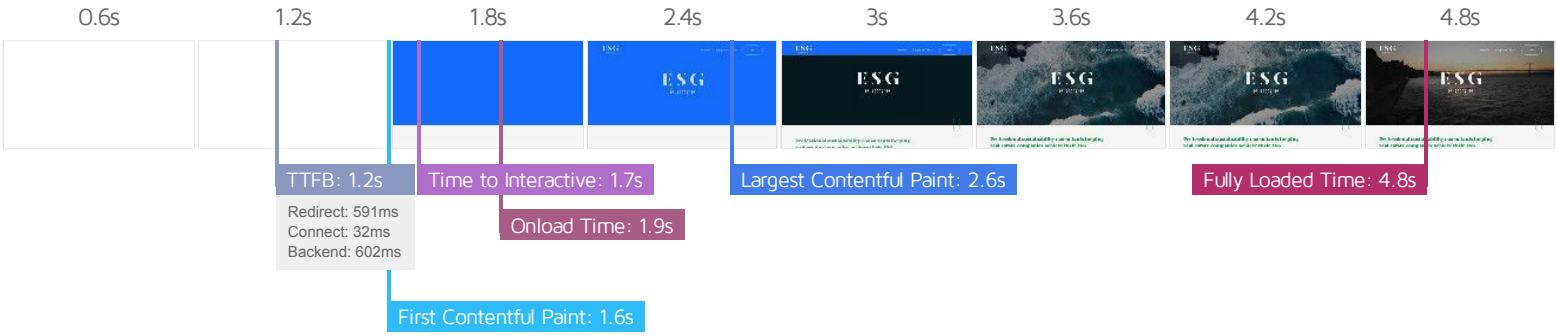
https://carbon60.com/

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.

ESG Europe

/	301	esgeurope.group	0	589ms
/	200	esgeurope.group	18.9KB	644ms
style.min.css?ver=6.4.3	200	esgeurope.group	14.4KB	37ms
style.css?ver=2.8.1	200	esgeurope.group	9.17KB	50ms
script.js?ver=2.8.1	200	esgeurope.group	716B	50ms
gsap.min.js?ver=2.8.1	200	esgeurope.group	24.9KB	58ms
ScrollTrigger.min.js?ver=…	200	esgeurope.group	9.16KB	52ms
scrollTo.js?ver=2.8.1	200	esgeurope.group	1.83KB	49ms
jquery.min.js	200	esgeurope.group	30.5KB	53ms
slick.min.js	200	esgeurope.group	15.2KB	76ms
css2?family=Chonburi&f…	200	fonts.googleapis.com	0.99KB	64ms
star.png	200	esgeurope.group	4.28KB	142ms
rics.png	200	esgeurope.group	6.78KB	141ms
gresb.png	200	esgeurope.group	1.65KB	140ms
logo-breeam.png	200	esgeurope.group	1.48KB	140ms
crrem.png	200	esgeurope.group	1.19KB	140ms
fitwel.png	200	esgeurope.group	2.02KB	153ms
ukgbc.png	200	esgeurope.group	2.89KB	153ms
esg-map.png	200	esgeurope.group	133KB	194ms
gsap.min.js	200	esgeurope.group	24.9KB	103ms
ScrollTrigger.min.js	200	esgeurope.group	9.16KB	141ms
gtm.js?id=GTM-TMXZ44J	200	googletagmanager.c…	63.6KB	216ms
818297898?h=2de739fe3c…	200	player.vimeo.com	9.60KB	322ms
8AtqGs-wOpGRTBq66LW…	200	fonts.gstatic.com	18.4KB	144ms
js?id=G-DYNX2E2ESR&l=…	200	googletagmanager.c…	94.0KB	53ms
wp-emoji-release.min.js?…	200	esgeurope.group	5.22KB	22ms
player.module.js	200	f.vimeocdn.com	138KB	56ms
vendor.module.js	200	f.vimeocdn.com	100KB	56ms
player.css	200	f.vimeocdn.com	21.6KB	49ms
site.webmanifest	404	esgeurope.group	47.4KB	609ms
cropped-fav-32x32.png	200	esgeurope.group	962B	10ms
vuid.min.js	200	f.vimeocdn.com	985B	5ms
cast_sender.js?loadCastF…	200	gstatic.com	1.96KB	70ms
1656591246-39bacd1a88ff…	200	i.vimeocdn.com	111KB	44ms
POST player-stats?beaco…	200	fresnel.vimeocdn.com	142B	142ms
POST player-stats?beaco…	200	fresnel.vimeocdn.com	40B	99ms
POST play	200	player-telemetry.vim…	60B	125ms
master.json?base64_init=…	200	177vod-adaptive.aka…	2.72KB	75ms
1656591246-39bacd1a88ff…	200	i.vimeocdn.com	890B	9ms
POST vuid?pid=56bff12f8…	204	vimeo.com	1.17KB	280ms
POST player-stats?beaco…	200	fresnel.vimeocdn.com	40B	116ms
cast_framework.js	200	gstatic.com	11.9KB	19ms
cast_sender.js	200	gstatic.com	15.0KB	10ms
8737e437.mp4?r=dXM%3…	200	177vod-adaptive.aka…	4.54KB	19ms
3c49c63d.mp4?r=dXMtY2…	200	177vod-adaptive.aka…	260KB	20ms
67392197.mp4?r=dXMtZ…	200	177vod-adaptive.aka…	4.63MB	338ms
8737e437.mp4?r=dXM%3…	200	177vod-adaptive.aka…	4.54KB	18ms
POST player-stats?beaco…	200	fresnel.vimeocdn.com	0	99ms
POST partial	200	player-telemetry.vim…	0	98ms
POST player-stats?beaco…	200	fresnel.vimeocdn.com	0	105ms
8737e437.mp4?r=dXM%3…	200	177vod-adaptive.aka…	4.54KB	12ms
67392197.mp4?r=dXMtZ…	200	177vod-adaptive.aka…	3.88MB	112ms
67392197.mp4?r=dXMtZ…	200	177vod-adaptive.aka…	3.97MB	146ms

8737e437.mp4?r=dXM%3…	200	177vod-adaptive.aka…	4.54KB	37ms
67392197.mp4?r=dXMtZ…	200	177vod-adaptive.aka…	3.94MB	927ms
POST partial	200	player-telemetry.vim…	0	102ms
56 Requests	**17.6MB (37.4MB Uncompressed)**		**4.8s (Onload 1.9s)**	



Performance Metrics

First Contentful Paint

Longer than recommended

1.6s

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

Time to Interactive

Good - Nothing to do here

1.7s

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

Speed Index

Much longer than recommended

4.1s

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

Total Blocking Time

Good - Nothing to do here

0ms

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

Largest Contentful Paint

Much longer than recommended

2.6s

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.

Cumulative Layout Shift

Good - Nothing to do here

0

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

Browser Timings

Redirect	591ms	Connect	32ms	Backend	602ms
TTFB	1.2s	First Paint	1.6s	DOM Int.	1.7s
DOM Loaded	1.7s	Onload	1.9s	Fully Loaded	4.8s

IMPACT	AUDIT	
Med-Low	**Lazy load third-party resources with facades** TBT	1 facade alternative available

Some third-party embeds can be lazy loaded. Consider replacing them with a facade until they are required.

PRODUCT	TRANSFER SIZE	MAIN-THREAD BLOCKING TIME
Vimeo Embedded Player (Video)	386KB	0ms
https://f.vimeocdn.com/p/4.28.18/js/player.module.js	139KB	0ms
https://i.vimeocdn.com/video/1656591246-39bacd1a88ff599b1457a1a81e168add821857e96d803bb18c3d1b924188c82f-d?mw=1400&mh=788	112KB	0ms
https://f.vimeocdn.com/p/4.28.18/js/vendor.module.js	100KB	0ms
https://f.vimeocdn.com/p/4.28.18/css/player.css	21.9KB	0ms
https://player.vimeo.com/video/818297898?h=2de739fe3c&autoplay=1&loop=1&autopause=0&muted=1&background=1	9.60KB	0ms
Other resources	3.73KB	0ms

Low	**Eliminate render-blocking resources** FCP LCP	Potential savings of 156ms

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://esgeurope.group/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3	14.4KB	637ms
https://esgeurope.group/wp-content/themes/esg/css/style.css?ver=2.8.1	9.17KB	637ms
https://fonts.googleapis.com/css2?family=Chonburi&family=DM+Serif+Display:ital@0;1&display=swap	0.99KB	768ms
https://esgeurope.group/wp-content/themes/esg/js/script.js?ver=2.8.1	716B	479ms
https://esgeurope.group/wp-content/themes/esg/js/lib/gsap.min.js?ver=2.8.1	24.9KB	1.3s
https://esgeurope.group/wp-content/themes/esg/js/lib/ScrollTrigger.min.js?ver=2.8.1	9.16KB	795ms
https://esgeurope.group/wp-content/themes/esg/js/lib/scrollTo.js?ver=2.8.1	1.83KB	479ms
https://esgeurope.group/wp-content/themes/esg/js/lib/jquery.min.js	30.5KB	795ms
https://esgeurope.group/wp-content/themes/esg/js/lib/slick.min.js	15.2KB	637ms

Low	**Allow back/forward cache restoration**	1 failure reason

Many navigations are performed by going back to a previous page, or forwards again. The back/forward cache (bfcache) can speed up these return navigations.

FAILURE REASON	FAILURE TYPE
Pages that use WebXR are not currently eligible for back/forward cache. https://player.vimeo.com/video/818297898?h=2de739fe3c&autoplay=1&loop=1&autopause=0&muted=1&background=1	Actionable

Low	**Use HTTP/2 for all resources**	Potential savings of 260ms

HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing.

URL	PROTOCOL
https://esgeurope.group/	http/1.1
https://esgeurope.group/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3	http/1.1
https://esgeurope.group/wp-content/themes/esg/css/style.css?ver=2.8.1	http/1.1
https://esgeurope.group/wp-content/themes/esg/js/script.js?ver=2.8.1	http/1.1
https://esgeurope.group/wp-content/themes/esg/js/lib/gsap.min.js?ver=2.8.1	http/1.1
https://esgeurope.group/wp-content/themes/esg/js/lib/ScrollTrigger.min.js?ver=2.8.1	http/1.1
https://esgeurope.group/wp-content/themes/esg/js/lib/scrollTo.js?ver=2.8.1	http/1.1
https://esgeurope.group/wp-content/themes/esg/js/lib/jquery.min.js	http/1.1
https://esgeurope.group/wp-content/themes/esg/js/lib/slick.min.js	http/1.1
https://esgeurope.group/wp-content/themes/esg/images/star.png	http/1.1
https://esgeurope.group/wp-content/themes/esg/images/rics.png	http/1.1
https://esgeurope.group/wp-content/themes/esg/images/gresb.png	http/1.1
https://esgeurope.group/wp-content/themes/esg/images/logo-breeam.png	http/1.1
https://esgeurope.group/wp-content/themes/esg/images/crrem.png	http/1.1
https://esgeurope.group/wp-content/themes/esg/images/fitwel.png	http/1.1
https://esgeurope.group/wp-content/themes/esg/images/ukgbc.png	http/1.1
https://esgeurope.group/wp-content/uploads/2023/04/esg-map.png	http/1.1
https://esgeurope.group/wp-content/themes/esg/js/lib/gsap.min.js	http/1.1
https://esgeurope.group/wp-content/themes/esg/js/lib/ScrollTrigger.min.js	http/1.1
https://esgeurope.group/wp-includes/js/wp-emoji-release.min.js?ver=6.4.3	http/1.1
https://esgeurope.group/site.webmanifest	http/1.1
https://esgeurope.group/wp-content/uploads/2023/04/cropped-fav-32x32.png	http/1.1

Low **Avoid chaining critical requests** FCP LCP — 11 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: **1.6s**

INITIAL NAVIGATION

- http://esgeurope.group/ 330B, 588ms
  - https://esgeurope.group/ 18.9KB, 642ms
    - https://esgeurope.group/wp-content/themes/esg/js/lib/gsap.min.js 24.9KB, 23ms
    - https://esgeurope.group/wp-content/themes/esg/js/lib/slick.min.js 15.2KB, 71ms
    - https://esgeurope.group/wp-content/themes/esg/js/lib/gsap.min.js?ver=2.8.1 24.9KB, 53ms
    - https://esgeurope.group/wp-content/themes/esg/js/lib/scrollTo.js?ver=2.8.1 1.83KB, 44ms
    - https://esgeurope.group/wp-content/themes/esg/js/script.js?ver=2.8.1 716B, 45ms
    - https://esgeurope.group/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3 14.4KB, 32ms
    - https://esgeurope.group/wp-content/themes/esg/js/lib/ScrollTrigger.min.js?ver=2.8.1 9.16KB, 47ms
    - https://esgeurope.group/wp-content/themes/esg/css/style.css?ver=2.8.1 9.17KB, 46ms
    - https://esgeurope.group/wp-content/themes/esg/js/lib/ScrollTrigger.min.js 9.16KB, 23ms
    - https://esgeurope.group/wp-content/themes/esg/js/lib/jquery.min.js 30.5KB, 48ms
    - https://fonts.googleapis.com/css2?family=Chonburi&family=DM+Serif+Display:ital@0;1&display=swap 0.99KB, 59ms
      - https://fonts.gstatic.com/s/chonburi/v12/8AtqGs-wOpGRTBq66LWdHLw.woff2 18.9KB, 42ms

Low **Properly size images** — Potential savings of 15.3KB

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

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://esgeurope.group/wp-content/uploads/2023/04/esg-map.png	133KB	15.3KB

Low **Avoid multiple page redirects** FCP LCP — Potential savings of 589ms

Redirects introduce additional delays before the page can be loaded.

URL	TIME SPENT
http://esgeurope.group/	589ms
https://esgeurope.group/	0ms

Low **Avoid long main-thread tasks** TBT — 1 long task found

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

URL	START TIME	DURATION
https://esgeurope.group/wp-content/themes/esg/js/lib/gsap.min.js?ver=2.8.1	1.5s	81ms

Low **Reduce JavaScript execution time** TBT — 128ms 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://esgeurope.group/	269ms	32ms	3ms
https://esgeurope.group/wp-content/themes/esg/js/lib/gsap.min.js	246ms	49ms	1ms
Unattributable	111ms	8ms	0ms
https://esgeurope.group/wp-content/themes/esg/js/lib/ScrollTrigger.min.js	76ms	22ms	10ms

Low **Reduce unused CSS** FCP LCP — Potential savings of 14.4KB

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
https://esgeurope.group/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3	14.4KB	14.4KB

Low **Serve images in next-gen formats** — Potential savings of 19.4KB

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://esgeurope.group/wp-content/uploads/2023/04/esg-map.png	133KB	19.4KB

Low **Defer offscreen images** — Potential savings of 142KB

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://esgeurope.group/wp-content/uploads/2023/04/esg-map.png	133KB	133KB
https://esgeurope.group/wp-content/themes/esg/images/rics.png	6.47KB	6.47KB
https://esgeurope.group/wp-content/themes/esg/images/ukgbc.png	2.58KB	2.58KB

Low **Minify JavaScript** FCP LCP — Potential savings of 6.18KB

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

URL	TRANSFER SIZE	POTENTIAL SAVINGS
• https://esgeurope.group/wp-content/themes/esg/js/lib/slick.min.js	15.2KB	6.18KB

Low **Reduce unused JavaScript** LCP — Potential savings of 99KB

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.googletagmanager.com/gtag/js?id=G-DYNX2E2ESR&l=dataLayer&cx=c	94.1KB	43.0KB
https://www.googletagmanager.com/gtm.js?id=GTM-TMXZ44J	64.0KB	32.6KB
https://esgeurope.group/wp-content/themes/esg/js/lib/jquery.min.js	30.5KB	22.9KB

N/A **Avoid an excessive DOM size** TBT — 218 elements

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

STATISTIC	ELEMENT	VALUE
Total DOM Elements		218
Maximum DOM Depth	div.icon > svg.ellipse > g > ellipse `<ellipse cx="406.5" cy="268.5" rx="406.5" ry="268.5" stroke="none">`	11
Maximum Child Elements	a > svg > g > g `<g transform="translate(-15)">`	12

N/A **Largest Contentful Paint element** LCP — 2,640 ms

This is the largest contentful element painted within the viewport.

ELEMENT
Professional sustainability consultants helping real estate companies achieve t… `<h2>`

PHASE	% OF LCP	TIMING
TTFB	46%	1.2s
Load Delay	0%	0ms
Load Time	0%	0ms
Render Delay	54%	1.4s

N/A **Minimize main-thread work** TBT — Main-thread busy for 859ms

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

CATEGORY	TIME SPENT
Other	335ms
Script Evaluation	221ms
Style & Layout	210ms
Parse HTML & CSS	42ms
Script Parsing & Compilation	29ms
Rendering	20ms

N/A **Reduce the impact of third-party code** TBT — Total size was 17.3MB

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
AKAMAI	16.7MB	0ms
• https://177vod-adaptive.akamaized.net/exp=1710401046~acl=%2F04c73dc1-e86c-4ee7-b75a-00bd6029f6c8%2F%2A~hmac=67a70a6f851654ce818686d48ce16e02f493751d78e4d11f733b802f5d632516/04c73dc1-e86c-4ee7-b75a-00bd6029f6c8/parcel/video/67392197.mp4?r=dXMtZWFzdDE%3D&range=937-4857673	4.64MB	0ms
• https://177vod-adaptive.akamaized.net/exp=1710401046~acl=%2F04c73dc1-e86c-4ee7-b75a-00bd6029f6c8%2F%2A~hmac=67a70a6f851654ce818686d48ce16e02f493751d78e4d11f733b802f5d632516/04c73dc1-e86c-4ee7-b75a-00bd6029f6c8/parcel/video/67392197.mp4?r=dXMtZWFzdDE%3D&range=8921452-13088659	3.98MB	0ms
• https://177vod-adaptive.akamaized.net/exp=1710401046~acl=%2F04c73dc1-e86c-4ee7-b75a-00bd6029f6c8%2F%2A~hmac=67a70a6f851654ce818686d48ce16e02f493751d78e4d11f733b802f5d632516/04c73dc1-e86c-4ee7-b75a-00bd6029f6c8/parcel/video/67392197.mp4?r=dXMtZWFzdDE%3D&range=13088660-17218913	3.94MB	0ms
• https://177vod-adaptive.akamaized.net/exp=1710401046~acl=%2F04c73dc1-e86c-4ee7-b75a-00bd6029f6c8%2F%2A~hmac=67a70a6f851654ce818686d48ce16e02f493751d78e4d11f733b802f5d632516/04c73dc1-e86c-4ee7-b75a-00bd6029f6c8/parcel/video/67392197.mp4?r=dXMtZWFzdDE%3D&range=4857674-8921451	3.88MB	0ms
VIMEO	386KB	0ms
• https://f.vimeocdn.com/p/4.28.18/js/player.module.js	139KB	0ms
• https://i.vimeocdn.com/video/1656591246-39bacd1a88ff599b1457a1a81e168add821857e96d803bb18c3d1b924188c82f-d?mw=1400&mh=788	112KB	0ms
• https://f.vimeocdn.com/p/4.28.18/js/vendor.module.js	100KB	0ms
• https://f.vimeocdn.com/p/4.28.18/css/player.css	21.9KB	0ms
GOOGLE TAG MANAGER	158KB	0ms
• https://www.googletagmanager.com/gtag/js?id=G-DYNX2E2ESR&l=dataLayer&cx=c	94.1KB	0ms
• https://www.googletagmanager.com/gtm.js?id=GTM-TMXZ44J	64.0KB	0ms
GOOGLE CDN	30.0KB	0ms
• https://www.gstatic.com/eureka/clank/117/cast_sender.js	15.4KB	0ms
• https://www.gstatic.com/cast/sdk/libs/sender/1.0/cast_framework.js	12.1KB	0ms
GOOGLE FONTS	19.9KB	0ms
• https://fonts.gstatic.com/s/chonburi/v12/8AtqGs-wOpGRTBq66LWdHLw.woff2	18.9KB	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.