

● SITE TEARDOWN · HEMERASCOPE

Hemerascope: a phone-and-desktop teardown

We loaded <https://hemerascope.com/> 4 times on a simulated iPhone and 2 more on a 1366px desktop, and wrote down what a real visitor would see on each. No login, no insider access, no Harvv pixel needed. Here is what repeated visits already show, sorted by how we know it.

August 7, 2026 · External scan · 4 MOBILE + 2 DESKTOP LOADS · NO PIXEL DATA

TL;DR

What jumped out

Of everything we found on this scan, this is the one to start with: **Tiny buttons are hard to tap on mobile.** 16 of 28 tappable items on this page (57%) measure under 24 pixels on their shorter side, below the WCAG minimum, and well under the 44 pixels Apple and Google recommend for reliable tapping, and the same ones came up small on every test load. When visitors can't hit what they expect to, they get frustrated and many of them leave instead of trying again.

57%

TAP TARGETS UNDER THE
44PX MINIMUM (16 OF 28)

282ms

LARGEST CONTENTFUL PAINT
(LAB MEDIAN)

0.4 MB

TOTAL PAGE WEIGHT (MEDIAN)

Below: what's already working, every finding ranked by impact and tagged with the screen it affects, the speed numbers on phone and desktop, and a checklist of what to fix first.

AI SEARCH VISIBILITY

How visible is hemerascope.com to AI search?

ChatGPT, Perplexity, and Google AI Overviews are the new front page. The AI checks in this report are a preview. A free account turns them into a live 0 to 100 score, tracked daily and benchmarked against your competitors.

[See the full AI report, free](#)

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What's already working

Start here so the problems below are in context. These held up across the test loads:

- **Speed is good.** The main content paints in about 0.3s in our test loads, inside Google's 2.5s "good" threshold. Real networks are slower, but the page itself is not heavy.
- **Light page weight.** The page is about 0.4 MB across 51 requests. That keeps it quick on mobile data and cheap to load repeatedly.
- **No JavaScript errors on load.** Nothing threw a script error across the test loads, so buttons and tracking are not silently breaking mid-session.
- **Search basics are in place.** Lighthouse scores SEO 100/100. The fundamentals Google looks for are present.
- **Layout holds on phone and desktop.** Nothing spilled past the edge at either 390px (phone) or 1366px (desktop), so the structure is responsive.

Findings, ranked by what hurts conversion most

SEVERITY	FINDING	HOW WE KNOW
HIGH	Tiny buttons are hard to tap on mobile MOBILE ACCESSIBILITY (WCAG) CONVERSION 8 ELEMENTS 16 of 28 tappable items on this page (57%) measure under 24 pixels on their shorter side, below the WCAG minimum, and well under the 44 pixels Apple and Google recommend for reliable tapping, and the same ones came up small on every test load. When visitors can't hit what they expect to, they get frustrated and many of them leave instead of trying again. THE EXACT ELEMENTS WE FOUND: • a 130x20 "See the live demo →" • a 154x18 "SIG Lite available on reques" • a 83x23 "HemeraScope" • a 83x23 "Event carbon" • a 83x23 "Pricing" • a 103x23 "CSRD / ESRS E1" • a 103x23 "CBAM" • a 74x23 "About"	
HIGH	Some text is low-contrast and hard to read BOTH ACCESSIBILITY (WCAG) Text that does not stand out enough from its background is hard to read for many visitors, and fails accessibility guidelines Google checks.	
HIGH	Add quotations so AI engines cite this page BOTH AI SEARCH SEO Generative engines (ChatGPT, Perplexity, AI Overviews) lift sourced, attributed quotes almost verbatim, and quotations are the single strongest citation lever (studies measure roughly +41%). Add 1-2 attributed expert quotes or blockquotes to the pages below. (Found across a sample of 8 pages from your sitemap, a partial crawl rather than your full site.)	

SEVERITY	FINDING	HOW WE KNOW
MEDIUM	6 potential dead-click targets BOTH CONVERSION ACCESSIBILITY (WCAG) TRACKING 5 ELEMENTS Elements styled like buttons but with no anchor, no <button> wrapper, no role="button", and no click attribute. Real visitors tap these expecting something to happen, then leave. Examples on this page: "▼ 8.3% vs FY23" (span.dash-pill), "GSD 1.42 · methodology · pinned" (span.dash-chip-mono), "On pace" (span.dash-tile-tag). ----- THE EXACT ELEMENTS WE FOUND: • "▼ 8.3% vs FY23" (span.dash-pill) • "GSD 1.42 · methodology · pinned" (span.dash-chip-mono) • "On pace" (span.dash-tile-tag) • "FY2024" (span.dash-tile-tag) • "3 today" (span.dash-rail-link)	
MEDIUM	6 interactive elements have no stable, accessible identity BOTH ACCESSIBILITY (WCAG) TRACKING 6 ELEMENTS These elements are clicked like buttons but expose no accessible name, or are a plain div/span used as a control with no role. Assistive tech announces only a role (or nothing), and analytics and heatmaps have no human-readable label or stable selector to bind the click to, so the click is both inaccessible and untrackable, and any redesign silently breaks click aggregation. Give each one a real <button>/<a>, an aria-label, and a stable id or data-attribute. ----- THE EXACT ELEMENTS WE FOUND: • "▼ 8.3% vs FY23" (span.dash-pill) (div/span used as a button, no role) • "GSD 1.42 · methodology · pinned" (span.dash-chip-mono) (div/span used as a button, no role) • "On pace" (span.dash-tile-tag) (div/span used as a button, no role) • "FY2024" (span.dash-tile-tag) (div/span used as a button, no role) • "3 today" (span.dash-rail-link) (div/span used as a button, no role) • "View all" (span.dash-rail-link) (div/span used as a button, no role)	

SEVERITY	FINDING	HOW WE KNOW
MEDIUM	Duplicate title tags BOTH SEO 1 EXAMPLE The same <title> appears on multiple pages. Duplicate titles confuse search engines about which page to rank and split relevance between them. (Found across a sample of 8 pages from your sitemap, a partial crawl rather than your full site.) ----- THE EXACT EXAMPLES WE FOUND: "hemerascope – carbon & supply chain intelligence" (3 pages)	
LOW	No canonical tag, so duplicate URLs split the page's ranking BOTH When the same content is reachable at multiple URLs (think tracking parameters or session IDs), Google can split your ranking signal across them. A single canonical tag tells Google which version counts.	
LOW	Some text is too small to read on phones MOBILE ACCESSIBILITY (WCAG) CONVERSION 45 chunks of text come in under 12 pixels on this page. Most visitors don't zoom, they just skim past anything that small. Bumping the smallest body text to 14 pixels makes the page read without effort.	median across loads
LOW	No structured data for rich search results BOTH The page has no schema.org markup. Adding the right type (Product, Article, Organization, FAQ) lets Google show rich results like star ratings and prices, which lift click-through for free.	
LOW	No third-party analytics tag detected BOTH TRACKING No Google Analytics, GA4, or other third-party analytics tag was found in the page. If you rely only on platform or server-side analytics that is fine; but if not, a third-party tag is the baseline way to see how many visitors arrive, where they come from, and what converts. First-party or server-side analytics are not detectable from the outside, so this may already be handled.	
LOW	No email capture or newsletter detected BOTH CONVERSION No email-marketing tag (Klaviyo, Mailchimp, etc.) was found. If capturing visitors is relevant to this site, an email signup builds an owned audience you keep regardless of ad costs. Not every site needs one.	
LOW	Unused JavaScript is being downloaded BOTH PERFORMANCE Code that never runs on this page still costs download and parse time on every visit. Splitting or removing it speeds up load. Lighthouse measured: Est savings of 304 KiB.	

SEVERITY	FINDING	HOW WE KNOW
LOW	Duplicate meta descriptions BOTH 1 EXAMPLE The same meta description appears on multiple pages. Google usually ignores duplicated descriptions and writes its own snippet, and it signals templated or thin pages. (Found across a sample of 8 pages from your sitemap, a partial crawl rather than your full site.) ----- THE EXACT EXAMPLES WE FOUND: • "carbon footprints with confidence intervals, not g..." (3 pages)	
LOW	No llms.txt file BOTH SEO No /llms.txt. This emerging standard gives AI search engines a clean, structured map of your most important content, improving how they understand and cite your site.	
LOW	No Organization or WebSite schema BOTH SEO No site-wide Organization or WebSite structured data found on any crawled page. This is the schema that tells Google and AI engines who you are (name, logo, social profiles) for the knowledge panel and brand recognition in AI answers. (Found across a sample of 8 pages from your sitemap, a partial crawl rather than your full site.)	

Accessibility findings are automated checks against Web Content Accessibility Guidelines (WCAG) 2.1 and 2.2. They flag potential barriers and legal risk, not a certification or a determination of compliance with the ADA, Section 508, or EN 301 549. Automated testing catches only a subset of issues; a full conformance review needs manual and assistive-technology testing by a qualified reviewer.

FROM FINDING TO FIX

Want the fix, not just the finding?

Install Harvv and we turn each issue above into a ready-to-paste prompt for your AI coding assistant. Drop it into Cursor, Claude, or Copilot and the diagnosis becomes a concrete code change, written against this exact page.

Get the fix prompts

"How we know": **unlabeled** = a deterministic fact, identical on every load (e.g. element sizes). Most findings are this kind, so we only mark the exceptions: **median across loads** = a noisy lab metric, reported as a median. **real-user field data** = Google CrUX, actual Chrome visitors.

Structural and AI-search checks crawl up to 8 pages from your sitemap (a sample, not your full site). "Broken" means a link returned 404, 410, or 5xx, or did not respond; access-controlled pages (401, 403) are not counted.

02

Performance: phone, desktop, and real visitors

METRIC	MOBILE	DESKTOP	READ
TTFB (lab median)	81 ms	105 ms	LAB
FCP (lab median)	282 ms	430 ms	LAB
LCP (lab median)	282 ms	430 ms	GOOD
Page weight (median)	0.4 MB	0.4 MB	OK

Google Lighthouse (lab): Performance **75** mobile / **97** desktop, SEO **100**, Accessibility **92**, Best Practices **100**.

Lab numbers are from a headless mobile browser on an unthrottled connection: treat them as a floor, not a typical experience. Add a Google API key to light up real-user field data (CrUX) and Lighthouse scores.

03

Tiny buttons are hard to tap on mobile

16 of 28 tappable items on this page come in below 44×44 pixels, the size Apple and Google both recommend for reliable tapping on a phone. The same ones came up small on every one of the 4 test loads, so this is the page itself, not a fluke.

When customers can't tap what they expect to, they get frustrated and many of them leave. They don't file a bug. They don't try again. They just leave. A desktop dashboard can't see this because it's the difference between a thumb and a cursor.

The buttons measuring below the minimum on this scan:

- a 130x20 "See the live demo →"
- a 154x18 "SIG Lite available on request"
- a 83x23 "HemeraScope"
- a 83x23 "Event carbon"
- a 83x23 "Pricing"

- a 103x23 "CSRD / ESRs E1"
- a 103x23 "CBAM"
- a 74x23 "About"

The fix is CSS-only on most sites: add padding around the icon (don't just change the icon size) so the actual tap area is at least 44×44 pixels. No redesign, no new assets.

04

Technical SEO & structured data

CHECK	RESULT
Title	HemeraScope — Carbon & Supply Chain Intelligence (48 chars)
Meta description	115 chars
H1	1 on page
Canonical	MISSING
Structured data (JSON-LD)	NONE
Open Graph	TITLE + IMAGE

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The fix checklist

Everything to fix, priority first, each tagged with the screen it affects and a rough effort. Work top to bottom.

- ☐ Tiny buttons are hard to tap on mobile MOBILE CSS ONLY
- ☐ Some text is low-contrast and hard to read BOTH VARIES
- ☐ Add quotations so AI engines cite this page BOTH VARIES
- ☐ 6 potential dead-click targets BOTH CSS ONLY
- ☐ 6 interactive elements have no stable, accessible identity BOTH DEV AFTERNOON

☒ Duplicate title tags BOTH 1 LINE

☐ No canonical tag, so duplicate URLs split the page's ranking BOTH 1 LINE

☐ Some text is too small to read on phones MOBILE CSS ONLY

☐ No structured data for rich search results BOTH VARIES

☐ No third-party analytics tag detected BOTH DEV AFTERNOON

☐ No email capture or newsletter detected BOTH VARIES

☐ Unused JavaScript is being downloaded BOTH VARIES

☐ Duplicate meta descriptions BOTH 1 LINE

☐ No llms.txt file BOTH VARIES

☐ No Organization or WebSite schema BOTH VARIES

Effort is a rough read from the outside: "CSS only" means no new assets or backend work, "1 line" means a single tag, "Dev afternoon" means a developer needs to touch tracking or scripts.

06

What this report cannot tell you

Everything above is from the outside, looking at the page on a simulated phone and desktop. The questions that actually decide revenue need real visitors. Install the Harvv pixel (one script tag, 16 KB, zero personal data, no engineering project) and within about 72 hours you'd know which buttons real customers tapped and missed, how often Google

Analytics is missing visits, and exactly where mobile shoppers stalled and left. This report shows you where to look. The pixel shows you how often it happens, and to whom.

07

How we did this, and what it can't prove

- **4 mobile + 2 desktop loads** of one URL from headless Chrome (iPhone viewport at 390px, desktop at 1366px), August 7, 2026. Enough loads to separate real defects from random noise, not a full-site crawl.
- **Lab numbers, not real-user numbers** (no field data was available for this run). Real devices on real networks run slower.
- **Friction is inferred, not counted.** We can prove a button is small. We can't, from the outside, count how often it causes a missed tap. That requires the pixel on a live page.

About Harvv, the source of this teardown

Harvv is a behavioral UX analytics platform (harvv.com). A lightweight JavaScript pixel captures how real visitors behave on a site (dead clicks, rage clicks, scroll depth, Core Web Vitals, JavaScript errors, and 50+ other signals) and the engine turns them into prioritized, plain-English findings. This teardown is the outside-in version of that: the same detectors run against a public page, with no pixel installed.

How to read it. Every finding here is a reproducible, automated measurement, not an opinion: element sizes, contrast ratios, load metrics, and structured-data checks that anyone can re-run against the same URL. The method is stated in full above. Automated testing catches a subset of issues, so this is a starting point, not a certification.

Full disclosure. Harvv makes the pixel that would measure the friction these findings imply, so we have a commercial interest. That is exactly why the findings are kept to things a reader can verify independently, and why nothing here is inflated: an unreproducible claim would undermine the tool it is meant to demonstrate.

Prepared by Harvv (harvv.com), a behavioral UX analytics platform. Last updated August 7, 2026.