# Audit Report: Ukraine Recovery Conference 2027 – Consolidate the Support. Accelerate the Recovery.

**Website:** https://urc27.org/
**Date:** 06.11.2026
**Audit Coverage:** 98% — W3C Validator: W3C HTTP 429
**Confidence:** medium

**Pages Audited (5 of 5):**

- https://urc27.org/
- https://urc27.org/the-next-ukraine-recovery-conference-will-be-held-in-tallinn/
- https://urc27.org/road-to-tallinn-eu-ukraine-investment-conference-to-be-held-in-warsaw/
- https://urc27.org/foreign-minister-tsahkna-president-zelenskyy-signs-official-invitations-to-world-leaders-for-tallinn-ukraine-recovery-conference/
- https://urc27.org/joint-statement-by-the-governments-of-ukraine-and-estonia/

## Summary of results

**Overall Score:** 76 / 100
**Status:** □ □ **Needs Improvement**

Site overall 76 is the mean of 5 pages. Scores range 73 (https://urc27.org/) → 78 (https://urc27.org/foreign-minister-tsahkna-president-zelenskyy-signs-official-invitations-to-world-leaders-for-tallinn-ukraine-recovery-conference/). Weakest page: PSI mobile 70 vs desktop 95 is the dominant drag, driven by a lab LCP of 6.7 s and 6 render-blocking scripts — though CrUX field data is uniformly fast (mobile LCP 1.891 s p75, INP 96 ms, CLS 0), so the lab number overstates real-user pain. Third-party JS is heavy: googletagmanager accounts for 296.9 KB of the 796 KB page and produces long tasks of 150 ms and 73 ms, on top of 176 KB of unused first-party theme JS. Accessibility sits at 96 with one serious axe violation (footer color contrast) and a missing h1, and SEO at 92 with no meta description, no Open Graph/Twitter tags and no JSON-LD. Security basics PASS, but advanced checks fail on HSTS preload, COOP, CORP and DMARC, and the existing CSP is actively broken — its connect-src omits use.typekit.net, blocking the Typekit stylesheet and throwing a console error.

Image handling is mostly good (srcset on all raster images, lazy loading, 0 missing alt) but the hero is a CSS background-image with no responsive variants and no fetchpriority, which is the most likely LCP culprit.

### Per-page scores

 **Needs Improvement** · https://urc27.org/

| Score | Performance | Accessibility | Best Practices | SEO | Security |
|---|---|---|---|---|---|
| 73 | 70 | 96 | 100 | 92 | PASS |

 **Needs Improvement** · https://urc27.org/the-next-ukraine-recovery-conference-will-be-held-in-tallinn/

| Score | Performance | Accessibility | Best Practices | SEO | Security |
|---|---|---|---|---|---|
| 78 | 87 | 100 | 100 | 92 | FAILED |

 **Needs Improvement** · https://urc27.org/road-to-tallinn-eu-ukraine-investment-conference-to-be-held-in-warsaw/

| Score | Performance | Accessibility | Best Practices | SEO | Security |
|---|---|---|---|---|---|
| 75 | 81 | 100 | 100 | 92 | FAILED |

 **Needs Improvement** · https://urc27.org/foreign-minister-tsahkna-president-zelenskyy-signs-official-invitations-to-world-leaders-for-tallinn-ukraine-recovery-conference/

| Score | Performance | Accessibility | Best Practices | SEO | Security |
|---|---|---|---|---|---|
| 78 | 84 | 100 | 100 | 92 | FAILED |

 **Needs Improvement** · https://urc27.org/joint-statement-by-the-governments-of-ukraine-and-estonia/

| Score | Performance | Accessibility | Best Practices | SEO | Security |
|---|---|---|---|---|---|
| 76 | 70 | 100 | 100 | 92 | FAILED |

## PageSpeed Insights — Mobile vs Desktop

*Lower is worse for Performance; higher is worse for LCP and CLS. Worse value is **bolded**.*

| URL | Performance (M / D) | LCP (M / D) | CLS (M / D) |
|---|---|---|---|
| https://urc27.org/ | **70** / 95 | **6.69 s** / 1.49 s | 0.000 / **0.000** |
| https://urc27.org/the-next-ukraine-recovery-conference-will-be-held-in-tallinn/ | 87 / **85** | **3.49 s** / 974 ms | 0.000 / **0.000** |
| https://urc27.org/road-to-tallinn-eu-ukraine-investment-conference-to-be-held-in-warsaw/ | **81** / 97 | **4.38 s** / 970 ms | **0.028** / 0.000 |
| https://urc27.org/foreign-minister-tsahkna-president-zelenskyy-signs-official-invitations-to-world-leaders-for-tallinn-ukraine-recovery-conference/ | **84** / 99 | **3.96 s** / 818 ms | 0.000 / **0.000** |
| https://urc27.org/joint-statement-by-the-governments-of-ukraine-and-estonia/ | **70** / 99 | **6.64 s** / 764 ms | **0.034** / 0.000 |

## Optimization Checklist

**5 of 8 passing** — 5 pass · 2 warn · 1 fail

| Item | Status | Detail |
|---|---|---|
| Page caching plugin / CDN active | **Pass** | Caching plugin detected (WP Rocket) + CDN Cloudflare/Kinsta |
| Response compressed (gzip / brotli) | **Pass** | Document response is compressed with br. |
| Images lazy-loaded | **Pass** | All non-hero raster images use loading="lazy" (2 SVGs excluded). |
| Hero image eagerly | **Fail** | Hero image has loading="lazy", which delays LCP (inferred from DOM order/size — Lighthouse LCP element unavailable). Use |

| Item | Status | Detail |
| --- | --- | --- |
| loaded | | loading="eager" (or omit loading) and add fetchpriority="high". |
| Hero is a real  (not a CSS background -image) | **Warn** | Hero element uses a CSS background-image (no image-set() variants), so the browser always loads the original asset regardless of viewport — there is no srcset equivalent. Move the hero to a real  with srcset/sizes (or ) so smaller viewports can fetch a smaller file. |
| Responsive images (srcset / ) | **Pass** | 4/4 raster images use srcset or (100%) (2 SVGs excluded). |
| Reasonable number of image sizes | **Pass** | 18 distinct srcset widths. |
| JS scripts not blocking in | **Warn** | 2 render-blocking scripts in . Move to footer or add defer/async. |

## Fixes

### Priority 1: Critical

*Immediate action — impacts user experience, search rankings, or site safety.*

**1A. Make the hero a real responsive  with high fetchpriority** `Performance`

- **Impact:** LCP, FCP, Speed Index
- **Problem:** Mobile lab LCP is 6.7 s while desktop is 1.5 s; the hero is a CSS background-image (section#hero, hero-scaled.webp, 1280×720) with no srcset variants and no fetchpriority hint.
- **Solution:** Replace the CSS background with a real `<img>` so the browser can pick a smaller file and prioritise it:

```
<img src="/wp-content/uploads/2026/04/hero-1280.webp"
     srcset="...-640.webp 640w, ...-1280.webp 1280w, ...-1920.webp
1920w"
     sizes="100vw" width="1280" height="720"
     fetchpriority="high" decoding="async" alt="Ukraine Recovery
Conference 2027">
```

  Also add `<link rel="preload" as="image" imagesrcset="…" fetchpriority="high">` in `<head>`.

**1B. Cut third-party and unused JavaScript** `Performance`

- **Impact:** TBT, TTI, LCP, mobile Performance score
- **Problem:** googletagmanager.com serves 296.9 KB across 2 requests and produces long tasks of 150 ms and 73 ms; the theme's global.js wastes 176 KB and blocks for 116 ms.
- **Solution:**
  - Load GTM/gtag after first interaction or via `requestIdleCallback`, and consolidate GTM + gtag into a single container.
  - Split `global.a986114cdb207f3d.js` and drop jQuery/jQuery Migrate if the theme no longer needs them (21 KB wasted).
  - Add `defer` to non-critical theme scripts.

**1C. Fix footer color contrast** `Accessibility`

- **Impact:** WCAG 1.4.3, axe serious violation
- **Problem:** axe reports a serious color-contrast violation on `.footer__org > p:nth-child(2)`, `.footer__copyright > p` and `.footer__website`; Lighthouse also fails `color-contrast` at weight 7.
- **Solution:** Raise the footer text to at least 4.5:1 against its background:

  ```
  .footer__org p, .footer__copyright p, .footer__website { color:
  #e6e6e6; } /* on dark bg */
  ```

  Verify with DevTools contrast checker, including the 4 nodes axe marked incomplete.

**1D. Add a single**

# to the page `Accessibility`

- **Impact: Document outline, screen-reader navigation, SEO**
- **Problem: Heading outline shows h1 ×0 with 3 h2 and 9**

h3; axe flags `page-has-heading-one` and W3C warns no heading has a computed level of 1.

- Solution: Promote the page's primary title to `<h1>` (e.g. the hero headline) and demote the current top-level `h2` sections accordingly so the outline reads h1 → h2 → h3.

### 1E. Redirect plain HTTP to HTTPS `Security`

- Impact: Transport security, HSTS enforcement, downgrade/mixed-content risk
- Problem: Security basics FAILED on this check:

`http://urc27.org/the-next-ukraine-recovery-conference-will-be-held-in-tallinn/` does not redirect to HTTPS (target: none). It is the only failing basic check and it caps the overall score.

- **Solution: Force a 301 at the edge or origin:**

```
server {
  listen 80;
  server_name urc27.org www.urc27.org;
  return 301 https://urc27.org$request_uri;
}
```

**Apache equivalent:**

```
RewriteEngine On
RewriteCond %{HTTPS} off
RewriteRule ^ https://%{HTTP_HOST}%{REQUEST_URI} [L,R=301]
```

**Verify with `curl -I http://urc27.org/` — expect `301` + `Location: https://…`.**

## 1F. Fix CSP connect-src so the Typekit stylesheet loads `Security`

- **Impact: Console errors, blocked stylesheet, font rendering**
- **Problem: Browser runtime captured a CSP violation: `connect-src` lists `p.typekit.net` but not `use.typekit.net`, so `https://use.typekit.net/feh0krx.css` is blocked (`net::ERR_ABORTED` + console error).**

- Solution: Add the missing origin to `connect-src` (it is already allowed in `style-src`):

```
connect-src 'self' https://www.googletagmanager.com
https://*.google-analytics.com https://*.analytics.google.com
https://p.typekit.net https://use.typekit.net;
```

  Re-run the page and confirm the console is clean and the Typekit CSS returns 200.

## 1G. Cut image delivery weight and prioritize the LCP image

`Performance`

- Impact: LCP, page weight (702 KB total, 335.6 KB images)
- Problem: `image-delivery-insight` flags 284 KiB of savings (high severity) and mobile LCP is 3.5 s while desktop is 1.0 s; the hero `<img>` is `loading="eager"` with no `fetchpriority` set.
- Solution:

- Serve AVIF/WebP with `<picture>` fallbacks; the uploads include `.jpeg` and `.png` sources.
- Add `fetchpriority="high"` to the hero and preload it:

```
<link rel="preload" as="image" href="/wp-content/uploads/…
hero.avif"
      imagesrcset="…-320.avif 320w, …-640.avif 640w"
imagesizes="100vw" fetchpriority="high">
```

- Keep `loading="lazy"` on everything below the fold.

## 1H. Redirect all plain HTTP requests to HTTPS `Security`

- Impact: Transport security, HSTS effectiveness, Security basics verdict
- Problem: http://urc27.org/road-to-tallinn-... does not redirect to HTTPS (target: none) — the single basic-tier failure driving the FAILED verdict.

- Solution: Enforce HTTPS at the edge and origin:
  - Cloudflare: enable Always Use HTTPS + Automatic HTTPS Rewrites.
  - Kinsta/nginx: `return 301 https://$host$request_uri;` in the port-80 server block.
  - Verify with `curl -I http://urc27.org/road-to-tallinn-eu-ukraine-investment-conference-to-be-held-in-warsaw/` — expect `301` + `Location: https://...`.

## 1l. Cut mobile LCP from 4.4 s

`Performance`

- Impact: LCP, FCP, Speed Index, mobile Performance score
- Problem: Mobile lab LCP is 4.4 s (desktop 1.0 s); `image-delivery-insight` estimates 367 KiB of savings and the runtime

capture shows 415.5 KB of image bytes plus 6 render-blocking scripts.

- Solution:
  - Serve WebP/AVIF for the hero and article images (`ua-eu-investment-1600x900.jpg` is 112.6 KB alone).
  - Add `fetchpriority="high"` to the LCP `<img>` and `<link rel="preload" as="image" imagesrcset=... imagesizes=...>` in `<head>`.
  - Add `font-display: swap` (font-display-insight, ~30 ms).
  - Defer non-critical JS so the LCP image is not competing with 6 render-blocking scripts.

## 1J. Serve modern image formats and right-size the LCP image `Performance`

- **Impact: LCP, page weight, image-delivery-insight**
- **Problem: `image-delivery-insight` estimates 368 KiB of savings; images are 428.7 KB of the 795 KB page and every raster asset is .jpg/.png/.jpeg. The eagerly-loaded hero is only 320×180 while mobile lab LCP is 4.0 s.**
- **Solution:**
  - **Re-encode uploads to WebP/AVIF (WP Rocket + a converter plugin, or `cwebp -q 80`).**
  - **Serve via `<picture>` with the original as fallback.**
  - **Give the true LCP element `fetchpriority="high"` and a srcset that includes a ≥1200 px candidate:**

```
<img src="hero-1600.jpg" srcset="hero-640.webp 640w, hero-1200.webp 1200w, hero-1600.webp 1600w"
```

```
      sizes="100vw" width="1600" height="900" fetchpriority="high"
alt="…">
```

## 1K. Cut mobile LCP from 6.6 s by taming third-party and render-blocking JS `Performance`

- **Impact: LCP, TBT, Speed Index, TTI**
- **Problem: Lighthouse mobile LCP is 6.6 s (score 0.08 on a weight-25 audit) while desktop is 0.8 s; googletagmanager.com alone ships 296.9 KB across 2 requests with a 185 ms long task, and global.js wastes 176 KB.**
- **Solution:**
  - **Load GTM/gtag after first paint (e.g. `requestIdleCallback`, or a consent-gated loader)**

instead of in the critical path.
    - Add `defer` to the theme's `core.js`, `global.js` and `jquery.js` bundles.
    - Split `global.a986114cdb207f3d.js` — 176 KB is unused on this page.
    - Preload the actual LCP image with `fetchpriority="high"` (currently unset on the hero).

### 1L. Fix CSP so it stops blocking the Typekit stylesheet `Security`

- Impact: Font rendering, console errors, failed requests
- Problem: The browser runtime captured a console error:

  `Connecting to 'https://use.typekit.net/feh0krx.css' violates ...`

  `"connect-src 'self' https://www.googletagmanager.com ..."` — the request failed with reason

`csp`, so the CSP is actively breaking a first-party dependency.

- **Solution: Add `https://use.typekit.net` to `connect-src` (it is already allowed in `style-src` and `font-src`):**

```
connect-src 'self' https://www.googletagmanager.com
https://*.google-analytics.com https://*.analytics.google.com
https://p.typekit.net https://use.typekit.net;
```

## Then re-run the runtime capture to confirm the console error is gone.

**Priority 2: Important**

*Essential for compliance, user reach, and search visibility.*

**2A. Add meta description, Open Graph/Twitter tags and structured data** `SEO`

- **Impact:** Search snippets, social sharing, rich results
- **Problem:** Meta description is not set, Open Graph and Twitter tags are 0, JSON-LD is absent, and PSI fails `meta-description` and `structuredData`; SEO scores 92.
- **Solution:**
  - Add `<meta name="description" content="…">` (150–160 chars) summarising URC 2027 in Tallinn.
  - Add `og:title`, `og:description`, `og:image`, `og:url` and matching `twitter:card` tags.
  - Emit `Event` JSON-LD with name, startDate, location and organizer.

**2B. Remove render-blocking scripts from** `Performance`

- **Impact:** FCP, LCP, Speed Index

- **Problem:** 14 scripts total with 0 defer and 2 async; 6 are render-blocking, including iframemanager.js and cookieconsent.umd.js loaded from jsDelivr in `<head>`.
- **Solution:**
  - Add `defer` to `iframemanager.js` and `cookieconsent.umd.js`.
  - Move non-critical theme scripts to the footer or load them on interaction.
  - Keep only the critical bootstrap inline.

**2C. Fix the CSP so it stops blocking Typekit** `Security`

- **Impact:** Broken font loading, console errors
- **Problem:** `connect-src` omits `https://use.typekit.net`, so the browser blocks `https://use.typekit.net/feh0krx.css` and logs a CSP violation; a preload asset also fails to load.
- **Solution:** Add the Typekit origins to the relevant directives:

  ```
  connect-src 'self' https://www.googletagmanager.com
  https://*.google-analytics.com https://*.analytics.google.com
  https://p.typekit.net https://use.typekit.net;
  ```

  Then re-test in the browser console for remaining violations.

**2D. Set explicit width/height on the two unsized images** `Performance`

- **Impact:** CLS, layout stability
- **Problem:** HTML inventory reports 2 images without width/height attributes; CLS is currently 0 but these are a latent shift risk.
- **Solution:** Add intrinsic `width` and `height` attributes (or an `aspect-ratio` CSS rule) to every `<img>` so the browser can reserve space before load.

**2E. Reduce unused JavaScript and third-party tag weight** `Performance`

- **Impact:** TBT, TTI, INP
- **Problem:** 176 KB wasted in `global.a986114cdb207f3d.js`, 75 KB in gtag, 64 KB in gtm.js and 20 KB in jQuery; googletagmanager alone is 296.9 KB across 2 requests and produces 177 ms + 88 ms long tasks.
- **Solution:**
  - Split `global.js` so per-page modules load only where used; drop jQuery/jQuery Migrate if the theme allows.
  - Load GTM after first interaction or `requestIdleCallback` instead of on load.
  - Consider server-side/edge analytics or a lighter tag manager; self-host what you keep.

- Audit the 14 scripts — 6 are render-blocking.

**2F. Defer render-blocking scripts in `Performance`**

- **Impact:** FCP, LCP, Speed Index
- **Problem:** HTML inventory shows 14 scripts with 0 `defer` and only 2 `async`; the checklist flags `iframemanager.js` and `cookieconsent.umd.js` as render-blocking in `<head>`.
- **Solution:**

```
<script src="…/iframemanager.js" defer></script>
<script src="…/cookieconsent.umd.js" defer></script>
```

  Move any remaining blocking tags to the footer, then re-check FCP (currently 2.28 s mobile).

**2G. Add meta description, structured data and social tags `SEO`**

- **Impact:** SEO score (92), SERP snippet, social previews
- **Problem:** Lighthouse fails `meta-description` and `structured-data`; the HTML inventory shows Description: not set, JSON-LD: none, 0 Open Graph and 0 Twitter tags.
- **Solution:**
  - Add a unique `<meta name="description">` per article (150–160 chars).
  - Emit `NewsArticle` / `Event` JSON-LD for conference posts:

```
{"@context":"https://schema.org","@type":"NewsArticle","headline":"
…","datePublished":"…","publisher":
{"@type":"Organization","name":"Ukraine Recovery Conference 2027"}}
```

  - Add `og:title`, `og:description`, `og:image`, `twitter:card`.

**2H. Fix the 3 W3C HTML errors `Best Practices`**

- **Impact:** Markup validity, DOM parsing, layout stability
- **Problem:** W3C reports 3 errors: `sizes` starting with `auto` on an eager image (line 394), a stray `</p>` with no open `p` (line 665), and `<p>` nested inside `<span>` (line 674).
- **Solution:**
  - Line 394: either add `loading="lazy"` or drop the `auto` prefix from `sizes`.
  - Line 665: remove the duplicated `</p>`.
  - Line 674: change the wrapping `<span>` to a `<div>` (or move the `<p>` outside it).

- Also add an `<h2>` to `<section class="footer__org-info">` or convert it to a `<div>`.

**2I. Add explicit dimensions and lazy-loading to remaining images** `Performance`

- **Impact:** CLS, initial page weight
- **Problem:** 2 of 6 images lack `width` / `height` and 3 lack `loading="lazy"`; the two SVG logos have no dimensions at all.
- **Solution:**

```
<img src="…/logo-inverted.svg" alt="Ukraine Recovery Conference
2027" width="180" height="48">
<img src="…/article-thumb.jpg" alt="" width="360" height="252"
loading="lazy" decoding="async">
```

  Reserve space via `aspect-ratio` in CSS where intrinsic size is unknown.

**2J. Publish a DMARC record** `Security`

- **Impact:** Email spoofing / phishing of the org domain
- **Problem:** Advanced check fails: no DMARC record on `_dmarc.urc27.org`. For a high-profile conference domain this is a realistic phishing vector.
- **Solution:** Start in monitor mode, then enforce:

```
_dmarc.urc27.org.  TXT  "v=DMARC1; p=none;
rua=mailto:dmarc@urc27.org; pct=100"
```

  Move to `p=quarantine` / `p=reject` once SPF and DKIM alignment is confirmed.

**2K. Fix CSP connect-src so Typekit loads** `Security`

- **Impact:** Font rendering, console errors, CSP correctness
- **Problem:** The browser logs `Connecting to 'https://use.typekit.net/feh0krx.css' violates ... "connect-src 'self' https://www.googletagmanager.com ..."` and the request fails with reason `csp`.
- **Solution:** `style-src` already allows `https://use.typekit.net`; add it to `connect-src` too:

```
connect-src 'self' https://www.googletagmanager.com
https://*.google-analytics.com https://*.analytics.google.com
https://p.typekit.net https://use.typekit.net;
```

  Then re-test in a clean profile to confirm the console error is gone.

**2L. Defer or async the render-blocking scripts** `Performance`

- **Impact:** FCP, LCP, TBT
- **Problem:** HTML inventory finds 14 scripts with 0 defer, 2 async and 6 render-blocking; the checklist flags `iframemanager.js` and `cookieconsent.umd.js` as blocking in `<head>`.
- **Solution:**
  - Add `defer` to `iframemanager.js` and `cookieconsent.umd.js` (both tolerate deferred execution).
  - Move non-critical theme scripts (`core.js`, `global.js`) to the footer or `defer` them.
  - Keep only the consent bootstrap inline and small.

**2M. Remove unused JavaScript** `Performance`

- **Impact:** TBT, TTI, mobile Performance score
- **Problem:** `global.a986114cdb207f3d.js` wastes 176 KB, GTM/gtag waste 75 KB + 64 KB, and `jquery-migrate.min.js` wastes 20 KB; GTM also produces a 163 ms long task.
- **Solution:**
  - Drop `jquery-migrate.min.js` if no legacy plugin depends on it.
  - Split `global.js` so only the modules used on article pages load.
  - Load GTM only after cookie consent (the site already runs `cookieconsent.umd.js`) instead of on every page view.

**2N. Fix image dimensions and lazy loading** `Performance`

- **Impact:** CLS, page weight
- **Problem:** 2 images lack explicit width/height and 3 lack `loading="lazy"`; the layout-shift source `div.article__media` contributes 0.026 CLS.
- **Solution:**
  - Add `width` / `height` (or `aspect-ratio` in CSS) to the two SVG logos and any remaining raster images.
  - Add `loading="lazy"` to the 3 below-the-fold images.
  - Reserve space on `div.article__media` with `aspect-ratio` to eliminate the 0.026 shift.

**2O. Cut third-party and unused JavaScript** `Performance`

- **Impact:** TBT, TTI, FCP, main-thread work
- **Problem:** GTM/gtag account for 296.9 KB across 2 requests with 149 ms and 75 ms long tasks; the theme's `global.js` ships 176 KB unused and `jquery-`

`migrate` another 20 KB. HTML inventory counts 6 render-blocking scripts, 2 of them in `<head>`.

- **Solution:**
  - Add `defer` to the two jsDelivr scripts ( `iframemanager.js` , `cookieconsent.umd.js` ) or move them to the footer.
  - Load GTM after first interaction / `requestIdleCallback` instead of on load.
  - Drop `jquery-migrate.min.js` and audit `global.js` for dead bundles.
  - Ship source maps so `valid-source-maps` stops failing.

**2P. Fix the CSP: unblock Typekit and remove 'unsafe-inline'** `Security`

- **Impact:** Font rendering, XSS defense, console errors
- **Problem:** The browser runtime captured a console error — `Connecting to 'https://use.typekit.net/feh0krx.css' violates ... "connect-src 'self' https://www.googletagmanager.com ..."` — so the CSP is actively breaking a resource. `script-src` also still allows `'unsafe-inline'` .
- **Solution:**
  - Add `https://use.typekit.net` to `connect-src` (it is already in `style-src` / `font-src` ).
  - Replace `'unsafe-inline'` with a nonce + `'strict-dynamic'` :

```
script-src 'nonce-{random}' 'strict-dynamic' https:;
object-src 'none'; base-uri 'self'; frame-ancestors 'self';
```

  - Re-test in report-only mode first ( `Content-Security-Policy-Report-Only` ) to catch further breakage.

**2Q. Add meta description, social cards and structured data** `SEO`

- **Impact:** SERP snippet, social sharing, rich results
- **Problem:** Lighthouse SEO is 92 with `meta-description` failing; the HTML inventory shows Description not set, 0 Open Graph tags, 0 Twitter tags and 0 JSON-LD blocks.
- **Solution:**
  - Add a unique `<meta name="description">` per article (150–160 chars).
  - Add `og:title` , `og:description` , `og:image` , `og:url` and `twitter:card` .
  - Emit `NewsArticle` JSON-LD:

```
{"@context":"https://schema.org","@type":"NewsArticle","headline":"
…","datePublished":"2026-11-06","image":["…"],"publisher":
{"@type":"Organization","name":"Ukraine Recovery Conference 2027"}}
```

**2R. Verify the 7 undetermined contrast nodes and tap targets** `Accessibility`

- **Impact:** WCAG 1.4.3 contrast, 2.5.8 target size
- **Problem:** axe returned 0 violations but flagged 7 nodes as *incomplete* for color-contrast (alpha/gradient backgrounds it cannot compute), and Lighthouse SEO fails `tapTargets`.
- **Solution:**
  - Manually check the 7 flagged nodes against 4.5:1 (3:1 for large text) using DevTools' contrast picker.
  - Ensure interactive elements are ≥44×44 px or have adequate spacing, per WCAG 2.5.8.

**2S. Defer the 6 render-blocking scripts** `Performance`

- **Impact:** FCP, LCP, Speed Index
- **Problem:** HTML inventory reports 14 scripts with 0 `defer`, 2 `async` and 6 render-blocking; the optimized-web checklist flags 2 render-blocking scripts in `<head>` (iframemanager and cookieconsent from jsDelivr).
- **Solution:**
  - Add `defer` to `iframemanager.js` and `cookieconsent.umd.js` (both are UI-only and tolerate deferred execution).
  - Move theme bundles (`core.js`, `global.js`, `jquery.js`) to the footer or mark `defer`.
  - Consider self-hosting the two jsDelivr scripts to remove a third-party DNS/TLS handshake from the critical path.

**2T. Enable browser caching for the HTML document** `Performance`

- **Impact:** Repeat-visit TTFB, LCP
- **Problem:** `cache-control: public, max-age=0, s-maxage=86400` means browsers revalidate the document on every navigation; only the CDN edge caches it.
- **Solution:** Raise the browser TTL while keeping the edge TTL:

```
Cache-Control: public, max-age=600, s-maxage=86400, stale-while-
revalidate=86400
```

In WP Rocket, set Browser cache lifespan to a non-zero value.

**2U. Add meta description, Open Graph tags and structured data** `SEO`

- **Impact:** Search snippets, social sharing, rich results
- **Problem:** PSI SEO is 92 with `meta-description` and `structuredData` failing; HTML inventory confirms `Description: not set`, `Open Graph tags: 0`, `Twitter tags: 0`, `JSON-LD: none`.
- **Solution:**
  - Add a 150–160 char `<meta name="description">` summarising the joint statement.
  - Add `og:title`, `og:description`, `og:image`, `og:url` and `twitter:card`.
  - Emit `NewsArticle` or `Article` JSON-LD with `headline`, `datePublished`, `publisher` and `author`.

**2V. Add DMARC and Subresource Integrity** `Security`

- **Impact:** Email spoofing, third-party script tampering
- **Problem:** Security basics reports `No DMARC record on _dmarc.<apex>` (advanced fail) and `2 of 4 cross-origin scripts lack an integrity attribute` (advanced warn).
- **Solution:**
  - Publish a DMARC record starting in monitor mode:

```
_dmarc.urc27.org.  TXT  "v=DMARC1; p=none;
rua=mailto:dmarc@urc27.org"
```

  - Add `integrity` + `crossorigin="anonymous"` to the two jsDelivr scripts (iframemanager, cookieconsent).

**2W. Set explicit dimensions and lazy-loading on remaining images** `Performance`

- **Impact:** CLS, page weight
- **Problem:** HTML inventory reports 2 images without `width` / `height` and 3 without `loading="lazy"`; the layout-shift source is `div.article__media` (shift 0.034).
- **Solution:**
  - Add `width` / `height` (or `aspect-ratio` in CSS) to the two SVG logos and the `ua-eu-investment.jpg`.
  - Add `loading="lazy"` to the three below-the-fold images.

- Reserve space on `.article__media` with `aspect-ratio` to eliminate the 0.034 CLS shift.

### Priority 3: Best Practice

*Recommended for long-term maintainability.*

**3A. Harden remaining security headers and DNS records** `Security`

- **Impact:** Transport security, origin isolation, email spoofing
- **Problem:** Advanced checks fail on HSTS preload, Cross-Origin-Opener-Policy, Cross-Origin-Resource-Policy and DMARC; the CSP still allows `'unsafe-inline'` in `script-src`.
- **Solution:**
  - HSTS: add `preload` and submit to hstspreload.org.
  - Add `Cross-Origin-Opener-Policy: same-origin` and `Cross-Origin-Resource-Policy: same-origin`.
  - Publish a DMARC record (`v=DMARC1; p=quarantine; rua=mailto:…`).
  - Replace `'unsafe-inline'` in `script-src` with a per-request nonce plus `'strict-dynamic'`.

**3B. Fix the two HTML nesting errors** `Best Practices`

- **Impact:** Markup validity, assistive-tech parsing
- **Problem:** W3C reports 2 errors: a stray `</p>` at line 752 and a `<p>` nested inside a `<span>` at line 761, plus 8 warnings including sections without headings.
- **Solution:**
  - Remove the duplicated `</p>` closing tag around line 752.
  - Change the `<span>` wrapping the copyright `<p>` to a `<div>`.
  - Add `type="text/javascript"` removal and give each `<section>` a heading or convert it to a `<div>`.

**3C. Reduce WordPress attack surface** `Security`

- **Impact:** Brute-force and takeover risk
- **Problem:** Security basics warns that `/wp-admin/install.php` is reachable and the login form is served on the default `/wp-login.php` path.
- **Solution:**
  - Block `install.php` in `.htaccess` or via the WAF.
  - Move the login to a custom path and add rate limiting / 2FA.

**3D. Harden CSP and add isolation headers** `Security`

- **Impact:** XSS defense-in-depth, origin isolation
- **Problem:** CSP allows `'unsafe-inline'` in `script-src`; COOP and CORP are missing; HSTS lacks `preload`; 2 of 4 cross-origin scripts lack `integrity`. Site signals show no auth, payments or user content, so this is defense-in-depth rather than a live exposure.
- **Solution:**
  - Replace `'unsafe-inline'` with a nonce + `'strict-dynamic'`:

```
script-src 'nonce-{random}' 'strict-dynamic' https: 'unsafe-
inline';
```

  - Add `Cross-Origin-Opener-Policy: same-origin` and `Cross-Origin-Resource-Policy: same-origin`.
  - Append `; preload` to HSTS and submit at hstspreload.org.
  - Add `integrity` + `crossorigin` to the jsDelivr scripts.

**3E. Verify contrast on 5 undetermined nodes and enlarge tap targets**
`Accessibility`

- **Impact:** WCAG 1.4.3, 2.5.8
- **Problem:** axe returned 0 violations but could not determine contrast on 5 nodes, and Lighthouse's `tapTargets` SEO audit fails.
- **Solution:**
  - Manually check the 5 flagged nodes (likely text over gradients/alpha) with DevTools contrast picker; target ≥4.5:1 for body text.
  - Ensure every interactive element is ≥44×44 px, or add padding to reach it.

**3F. WordPress hardening: block install.php, move login off default path**
`Security`

- **Impact:** Attack surface
- **Problem:** `/wp-admin/install.php` is reachable and the login form is served on the default `/wp-login.php` path (both flagged as warnings).
- **Solution:**

```
# .htaccess
<Files "install.php">
  Require all denied
</Files>
```

  - Put `/wp-login.php` behind a path change or HTTP basic auth / IP allowlist.

- Keep the existing wins: xmlrpc blocked, no version disclosure, no user enumeration.

**3G. Replace CSP 'unsafe-inline' with nonce + strict-dynamic** `Security`

- **Impact:** XSS defense-in-depth
- **Problem:** The CSP `script-src` includes `'unsafe-inline'`, which the audit flags as weak; site signals show no auth, payments, user content or e-commerce, so this is a hardening item rather than an urgent one.
- **Solution:** Move inline scripts to nonce-tagged tags and tighten:

  ```
  script-src 'nonce-{random}' 'strict-dynamic' https:;
  object-src 'none'; base-uri 'none';
  ```

  Keep `frame-ancestors 'self'` and `upgrade-insecure-requests` as-is.

**3H. Add HSTS preload and COOP/CORP headers** `Security`

- **Impact:** Downgrade protection, cross-origin isolation
- **Problem:** HSTS is `max-age=31536000; includeSubDomains` but lacks `preload`; Cross-Origin-Opener-Policy and Cross-Origin-Resource-Policy are both missing.
- **Solution:**

  ```
  Strict-Transport-Security: max-age=63072000; includeSubDomains;
  preload
  Cross-Origin-Opener-Policy: same-origin
  Cross-Origin-Resource-Policy: same-origin
  ```

  Submit the domain at hstspreload.org after the HTTPS redirect is fixed.

**3I. Fix the 3 W3C HTML errors** `Best Practices`

- **Impact:** Markup validity, assistive-tech parsing
- **Problem:** W3C reports 3 errors: a stray `</p>` at line 669, a `<p>` inside a `<span>` at line 678, and `sizes="auto"` on an eager-loaded image at line 393.
- **Solution:**
  - Remove the duplicated `</p>` closing tag around line 669.
  - Change the footer copyright wrapper from `<span>` to `<div>` (or move the `<p>` outside it).
  - Either drop `sizes="auto"` or add `loading="lazy"` to the image at line 393.

**3J. Verify tap target sizes and undetermined contrast** `Accessibility`

- **Impact:** WCAG 2.5.8 target size, 1.4.3 contrast

- **Problem:** PSI SEO flags `tapTargets` as failing, and axe could not determine contrast for 5 nodes (alpha/gradient backgrounds).
- **Solution:**
  - Ensure every interactive element is at least 44×44 px with adequate spacing.
  - Manually check the 5 undetermined contrast nodes with a contrast picker against their actual composited background.

**3K. Harden WordPress entry points and add SRI** `Security`

- **Impact:** Attack surface, supply-chain integrity
- **Problem:** `/wp-admin/install.php` is reachable and the login form is on the default `/wp-login.php`; 2 of 4 cross-origin scripts lack an `integrity` attribute.
- **Solution:**
  - Block the installer: `RewriteRule ^wp-admin/install\.php - [F,L]` (or nginx `location = /wp-admin/install.php { deny all; }`).
  - Move login behind a custom path or HTTP basic auth at the edge.
  - Add `integrity` + `crossorigin` to the jsDelivr `iframemanager` and `cookieconsent` script tags.

**3L. Complete the header and DNS hardening set** `Security`

- **Impact:** Origin isolation, HSTS preload eligibility, email spoofing, supply chain
- **Problem:** COOP and CORP are missing, HSTS lacks the `preload` directive, there is no DMARC record on `_dmarc.urc27.org`, and 2 of 4 cross-origin scripts lack `integrity` attributes.
- **Solution:**

```
Header always set Cross-Origin-Opener-Policy "same-origin"
Header always set Cross-Origin-Resource-Policy "same-origin"
Header always set Strict-Transport-Security "max-age=63072000;
includeSubDomains; preload"
```

  - Add `integrity="sha384-…" crossorigin="anonymous"` to the jsDelivr scripts.
  - Publish `_dmarc` TXT ( `v=DMARC1; p=quarantine; rua=mailto:…` ) and submit the domain to hstspreload.org once the redirect is live.

**3M. Harden WordPress defaults** `Security`

- **Impact:** Brute-force surface, takeover path
- **Problem:** `/wp-admin/install.php` is reachable and the login form is served on the default `/wp-login.php` path.

- **Solution:**
  - Block the installer in `.htaccess`:

```
<Files "install.php">
  Require all denied
</Files>
```

  - Move login behind a custom path or add Cloudflare Access / rate limiting on `/wp-login.php`.

**3N. Set font-display and image dimensions** `Performance`

- **Impact:** FOIT/FOUT, CLS
- **Problem:** `font-display-insight` is flagged (est. 30 ms savings) and 2 images lack explicit `width` / `height`, with 3 below-the-fold images missing `loading="lazy"`.
- **Solution:**
  - Add `font-display: swap` to the Typekit/self-hosted `@font-face` blocks.
  - Add `width` / `height` (or `aspect-ratio`) to the two logo SVGs.
  - Add `loading="lazy"` to the remaining below-the-fold images.

**3O. Harden CSP away from 'unsafe-inline'** `Security`

- **Impact:** XSS defense-in-depth
- **Problem:** The CSP is present but `script-src` includes `'unsafe-inline'`, which largely defeats its XSS protection. Site signals show no auth, payments, user content or commerce, so this is hardening rather than urgent.
- **Solution:** Move to a nonce-based policy with `'strict-dynamic'`:

```
script-src 'nonce-{random}' 'strict-dynamic' https: 'unsafe-
inline';
```

  Also add `Cross-Origin-Opener-Policy: same-origin` and `Cross-Origin-Resource-Policy: same-origin`, and add `preload` to the HSTS header once you're ready to submit to hstspreload.org.

**3P. Manually verify the 5 unresolved color-contrast nodes** `Accessibility`

- **Impact:** WCAG 1.4.3 contrast
- **Problem:** axe-core returned 0 violations but flagged 5 nodes as *incomplete* for color-contrast — typically text over gradients, images or alpha transparency that axe cannot compute.
- **Solution:**

- Inspect the 5 nodes in DevTools with the contrast checker.
- Ensure body text meets 4.5:1 and large text 3:1 against the actual rendered background.
- Also verify touch targets meet 44×44 px (PSI `tapTargets` is failing).

**3Q. Block the WordPress installer and move login off the default path** `Security`

- **Impact:** Attack surface
- **Problem:** Security basics flags `/wp-admin/install.php` as reachable (warn) and the login form served on the default `/wp-login.php` path (warn).
- **Solution:**

```
<Files "install.php">
  Require all denied
</Files>
```

  - Put `/wp-login.php` behind a custom path or IP allowlist, and rate-limit login attempts.