



<https://www.cityscience.com/>

Report generated on Mar 14, 2024



9 Failed



6 Warnings



58 Passed



## Common SEO issues

4 Failed

3 Warnings

18 Passed

### ✔ Meta Title Test

This webpage is using a title tag.

**Text:** City Science – Delivering decarbonisation

**Length:** 41 characters

### ⚠ Meta Description Test

This webpage is using a meta description tag with a length of **376 characters**. We recommend using well-written and inviting meta descriptions with a length **between 150 and 220 characters** (spaces included).

**Text:** Carbon first engineering We help clients who are committed to decarbonisation achieve meaningful and quantifiable carbon reductions quickly and efficiently Contact us now City Science is the first engineering company dedicated to decarbonisation. We use science and data to help public and private organisations take action to reduce carbon emissions in ways that make places...

**Length:** 376 characters



## Google Search Results Preview Test

### Desktop version

<https://cityscience.com/>

### City Science – Delivering decarbonisation

Carbon first engineering We help clients who are committed to decarbonisation achieve meaningful and quantifiable carbon reductions quickly and efficiently...

### Mobile version

<https://cityscience.com/>

### City Science – Delivering decarbonisation

Carbon first engineering We help clients who are committed to decarbonisation achieve meaningful and quantifiable carbon...



## ✖ Social Media Meta Tags Test

This webpage is not using social media meta tags! While this type of meta tags don't affect what people see when they visit the webpage, they exist to provide information about it to search engines and social media platforms.

### How to pass this test?

In order to pass this test, you'll have to add social media meta tags into your webpage's "head" section. Social media meta tags are snippets of HTML code that control how URLs are displayed when shared on social media. Facebook and Twitter are, by far, the most popular social media platforms, so let's focus on those two.

Facebook uses meta tags leveraging the Open Graph protocol, which enables any web page to become a rich object in a social graph. A complete list of meta tags available can be found in the [Open Graph](#) website. You'll find there multiple tags and how to use them, but only four are required for Facebook to understand the basics of your page:

```
<meta property="og:title" content="Add title here">
<meta property="og:description" content="Add description here">
<meta property="og:image" content="https://your-website.com/og-image.png">
<meta property="og:url" content="https://your-website.com">
```

Twitter has its own meta tags that are similar to the Open Graph protocol, but uses the "twitter" prefix instead of "og". As with Facebook, only a few are required:

```
<meta name="twitter:title" content="Add title here">
<meta name="twitter:description" content="Add description here">
<meta name="twitter:url" content="https://your-website.com/twitter-image.png">
<meta name="twitter:card" content="summary">
```

## 🕒 Most Common Keywords Test

There is likely no optimal keyword density (search engine algorithms have evolved beyond keyword density metrics as a significant ranking factor). It can be useful, however, to note which keywords appear most often on your page and if they reflect the intended topic of your page. More importantly, the keywords on your page should appear within natural sounding and grammatically correct copy.

16 transport 14 carbon 14 science 13 city 12 zero



## ✔ Keywords Usage Test

The most common keywords of this webpage are distributed well across the important HTML tags. This helps search engines to properly identify the topic of this webpage.

Keyword	Title tag	Meta description	Headings
transport	✗	✗	✗
carbon	✔	✔	✔
science	✔	✔	✗
city	✔	✔	✗
zero	✗	✗	✗

## ○ Keywords Cloud Test





## ⦿ Related Keywords Test

This URL is currently ranked in the top 20 organic Google listings for the search terms below:

- [science cities](#)
- [jcs strategy group](#)
- [protein without meat](#)
- [high protein without meat](#)
- [exeter vision appraisal](#)
- [futuristic road](#)
- [freight science](#)
- [futuristic roads](#)
- [bob science com](#)
- [other forms of protein besides meat](#)

## ⦿ Competitor Domains Test

There are no indexed competitors for this domain!

## ✔ Heading Tags Test

This webpage contains headings tags.

### H1 tags

---

Carbon first engineering

### H2 tags

---

We help clients who are committed to decarbonisation achieve meaningful and quantifiable carbon reductions quickly and efficiently

## ✔ Robots.txt Test

Congratulations! Your site uses a "robots.txt" file.

<https://cityscience.com/robots.txt>



## ✔ Sitemap Test

This website has a sitemap file.

<https://cityscience.com/sitemap.xml>

<https://cityscience.com/news-sitemap.xml>

## ✔ SEO Friendly URL Test

All links from this webpage are SEO friendly.

## ! Image Alt Test

This webpage is using "img" tags with empty or missing "alt" attribute!

### How to pass this test?

In order to pass this test you must add an **alt** attribute to every **<img>** tag used into your webpage.

An image with an alternate text specified is inserted using the following HTML line:

```

```

Remember that the point of alt text is to provide the same functional information that a visual user would see. Search engines, users who disabled images in their browsers and other agents who are unable to see the images on your webpage can read the alt attributes assigned to the image since they cannot view it.

Learn more about [optimizing images for SEO](#).

## ✘ Responsive Image Test

Not all images in this webpage are properly sized! This webpage is serving images that are larger than needed for the size of the user's viewport.

### How to pass this test?

This issue can be fixed by using responsive images, which relies on creating multiple versions of each image, that are served via CSS media queries depending on the user's viewport dimensions.

Another solution can be to use vector-based image formats like SVG. SVG images scale appropriately to any size, without wasting unnecessary bandwidth. Also consider image CDNs that can help serve responsive images.

## ✔ Image Aspect Ratio Test

All image display dimensions match the natural aspect ratio.



## ✘ Inline CSS Test

This webpage is using inline CSS styles!

### How to pass this test?

It is a good practice to move all the inline CSS rules into an external file in order to make your page "lighter" in weight and decrease the code to text ratio.

- check the HTML code of your page and identify all style attributes
- for each style attribute found you must properly move all declarations in the external CSS file and remove the style attribute

**For example:**

```
<!--this HTML code with inline CSS rule:-->
<p style="color:red; font-size: 12px">some text here</p>

<!--would became:-->
<p>some text here</p>

<!--and the rule added into your CSS file:-->
p{color:red; font-size: 12px}
```

## ✔ Deprecated HTML Tags Test

This webpage does not use HTML deprecated tags.



## ✘ Google Analytics Test

A Google Analytics script is not detected on this page. While there are several tools available to monitor your site's visitors and traffic sources, Google Analytics is a free, commonly recommended program to help diagnose potential SEO issues.

### How to pass this test?

In order to pass this test you must create an account on [Google Analytics site](#) and insert into your page a small javascript tracking code.

#### Example:

```
<!-- Google Analytics -->
<script>
(function(i,s,o,g,r,a,m){i['GoogleAnalyticsObject']=r;i[r]=i[r]||function(){
(i[r].q=i[r].q||[]).push(arguments)},i[r].l=1*new Date();a=s.createElement(o),
m=s.getElementsByTagName(o)[0];a.async=1;a.src=g;m.parentNode.insertBefore(a,m)
})(window,document,'script','//www.google-analytics.com/analytics.js','ga');

ga('create', 'UA-XXXX-Y', 'auto');
ga('send', 'pageview');

</script>
<!-- End Google Analytics -->
```

Note that you have to change the 'UA-XXXX-Y' with the proper id which you'll find in your analytics account.

## ✔ Favicon Test

 This website appears to have a favicon.





## ⦿ Backlinks Test

This domain has an Authority Score of **22/100** while the **Average Authority Score** of top 100 sites is **89.5**. Also, this domain has **2,414 backlinks** from **209 referring domains** and some recently found backlinks are listed below:

- MAR 13, 2024 <https://dnbolt.com/citygoer>
- MAR 12, 2024 <https://londinium.com/latlong/50.7279387/-3.5170467>
- MAR 12, 2024 <https://miziro.ru/wfhmp1/4861/p87>
- MAR 12, 2024 <http://www.londinium.com/latlong/50.7276655/-3.5349863>
- MAR 11, 2024 <http://www.londinium.com/latlong/50.7257733/-3.5216157>
- MAR 10, 2024 [https://www.openaccessgovernment.org/page/410/?category\\_name](https://www.openaccessgovernment.org/page/410/?category_name)
- MAR 9, 2024 <https://londinium.com/latlong/50.7350874/-3.5297241>
- MAR 9, 2024 <https://londinium.com/latlong/50.7178211/-3.5293506>
- MAR 9, 2024 <https://londinium.com/latlong/50.7191388/-3.528373>
- MAR 8, 2024 <https://letstalk.cornwall.gov.uk/survey-lab>

## ✔ JS Error Test

There are no severe JavaScript errors on this webpage.

## ✔ Console Errors Test

This webpage doesn't have any warnings or errors caught by the Chrome DevTools Console.

## ✔ Charset Declaration Test

This webpage has a character encoding declaration.

```
Content-Type: text/html; charset=UTF-8
```

## ✔ Social Media Test

This webpage is connected successfully with social media using:

[Twitter](#)



### ✘ HTML Page Size Test

The size of this webpage's HTML is **35.94 Kb**, and is greater than the average size of **33 Kb**! This can lead to slower loading times, [lost visitors](#), and decreased revenue. Good steps to reduce HTML size include: using [HTML compression](#), [CSS layouts](#), [external style sheets](#), and [moving javascript](#) to external files.

#### How to pass this test?

In order to resolve this problem you are advised to:

- use gzip compression
- move all CSS style rules into a single, external and minified CSS file
- minify all JS files and, if possible, try combining them into a single external JS file
- use CSS layouts

### ✔ DOM Size Test

The Document Object Model (DOM) of this webpage has **893 nodes** which is less than the recommended value of **1,500 nodes**.

### ✔ HTML Compression/GZIP Test

This webpage is successfully compressed using **br compression** on your code. The HTML code is compressed from **249.42 Kb** to **35.94 Kb** (**86% size savings**). This helps ensure a faster loading webpage and improved user experience.

### ✔ Site Loading Speed Test

The loading time of this webpage (measured from N. Virginia, US) is around **1.57 seconds** and this is under the average loading speed which is **5 seconds**.

### ✔ JS Execution Time Test

The JavaScript code used by this webpage is executed in less than **2 seconds**.



## ✖ Page Objects Test

This webpage is using more than 20 http requests, which can slow down page loading and negatively impact user experience!

### Content size by content type

Content type	Percent	Size
Image	47.8 %	405.93 Kb
Javascript	21.0 %	178.73 Kb
Font	16.9 %	143.63 Kb
Css	10.3 %	87.47 Kb
Html	4.0 %	34.02 Kb
Other	0.0 %	0 B
<b>TOTAL</b>	<b>100%</b>	<b>849.78 Kb</b>

### Requests by content type

Content type	Percent	Requests
Image	44.1 %	15
Javascript	29.4 %	10
Font	14.7 %	5
Css	8.8 %	3
Html	2.9 %	1
Other	0.0 %	0
<b>TOTAL</b>	<b>100%</b>	<b>34</b>

### Content size by domain

Domain	Percent	Size
cityscience.com	93.1 %	790.83 Kb
i0.wp.com	6.3 %	53.26 Kb
stats.wp.com	0.3 %	2.89 Kb



s0.wp.com	0.3 %	2.63 Kb
pixel.wp.com	0.0 %	177 B
<b>TOTAL</b>	<b>100%</b>	<b>849.78 Kb</b>

## Requests by domain

Domain	Percent	Requests
cityscience.com	76.5 %	26
i0.wp.com	14.7 %	5
s0.wp.com	2.9 %	1
stats.wp.com	2.9 %	1
pixel.wp.com	2.9 %	1
<b>TOTAL</b>	<b>100%</b>	<b>34</b>

### ✓ Page Cache Test (Server Side Caching)

This webpage is using a caching mechanism. [Caching](#) helps speed page loading times as well as reduces server load.

### ✓ Flash Test

This webpage does not include flash objects (an outdated technology that was sometimes used to deliver rich multimedia content). Flash content does not work well on mobile devices, and is difficult for crawlers to interpret.

### ! CDN Usage Test

This webpage is not serving all resources (images, javascript and css) from CDNs!

#### How to pass this test?

In order to pass this test you are advised to use a CDN service. A Content Delivery Network (CDN) is a globally distributed network of web servers that allows a quick transfer of assets and provides high availability and high performance. The primary benefits of using a CDN service are:

- Improving website loading times
- Reducing bandwidth costs
- Increasing content availability and redundancy
- Improving website security



## ✘ Modern Image Format Test

This webpage is not serving images in a modern format! Image formats like [JPEG 2000](#), [JPEG XR](#), and [WebP](#) often provide better compression than PNG or JPEG, which means faster downloads and less data consumption.

### How to pass this test?

In order to pass this test, convert all the images listed in this report into a modern image format such as [JPEG 2000](#), [JPEG XR](#) or [WebP](#).

It's important to understand that the modern image formats, like WebP, are not yet widely supported across all devices and browsers. You can find [here](#) a full list of supported browsers and devices for the WebP format.

If your target audience falls within one of the unsupported browser/device categories, you should serve optimized fall-back images in the original JPEG/PNG format so that your users don't see a broken or badly designed page:

```
<!--Before:-->


<!--After:-->
<picture>
  <source type="image/webp" srcset="image.webp">
  
</picture>
```

The browser uses the first listed source that's in a format it supports. If the browser does not support any of the formats listed in the "source" tags, it falls back to loading the image specified by the "img" tag.

## ✔ Image Metadata Test

This webpage is not using images with large metadata.

## ✔ Image Caching Test

This website is using cache headers for images and the browsers will display these images from the cache.

## ✔ JavaScript Caching Test

This webpage is using cache headers for all JavaScript resources.

## ✔ CSS Caching Test

This webpage is using cache headers for all CSS resources.

## ✔ JavaScript Minification Test

All JavaScript files used by this webpage are minified.



## ✓ CSS Minification Test

All CSS resources used by this webpage are minified.

## ✗ Render Blocking Resources Test

This webpage is using render blocking resources! Eliminating render-blocking resources can help this webpage to load significantly faster and will improve the website experience for your visitors.

### How to pass this test?

In order to pass this test, you have to reduce the impact of render-blocking resources.

First, you have to identify what's critical and what's not. You can use the [Chrome DevTools \(Coverage tab\)](#) to identify non-critical CSS and JS.

Once you've identified critical code, you can try the below methods to eliminate render-blocking resources:

- inline critical JS within a script tag in your HTML document
- inline critical CSS required for the first paint inside a style block in the head of the HTML document
- move the script and link tags at the end of the HTML document
- add async or defer attributes to non-critical script or link tags
- split CSS styles into different files, organized by media query
- compress and minify your text-based resources

## ✓ Nested Tables Test

This webpage is not using nested tables. This speeds up page loading time and optimizes the user experience.

## ✓ Frameset Test

This webpage does not use frames.

## ✓ Doctype Test

This webpage has a doctype declaration.

```
<!DOCTYPE html>
```

## ! URL Redirects Test

This URL performed 1 redirects! While redirects are typically not advisable (as they can affect search engine indexing issues and adversely affect site loading time), one redirect may be acceptable, particularly if the URL is redirecting from a non-www version to its www version, or vice-versa.

<https://www.cityscience.com/> → <https://cityscience.com/>



## ✓ Largest Contentful Paint Test

The Largest Contentful Paint duration of this webpage is 1.0 seconds. To provide a good user experience, [Google recommends](#) that sites should strive to have Largest Contentful Paint of 2.5 seconds or less.

**Largest Contentful Paint element within the viewport:**

```
<div class="wp-block-uagb-container uagb-block-a37736a2">
```

## ✓ Cumulative Layout Shift Test

The CLS score of this webpage is 0.0000. To provide a good user experience, [Google recommends](#) that sites should strive to have a CLS score of 0.1 or less.

**DOM element which contributes the most to CLS score:**

Html:

Score: 0.0000

## Server and security

1 Failed

0 Warnings

9 Passed

## ✓ URL Canonicalization Test

<https://cityscience.com/> and <https://www.cityscience.com/> resolve to the same URL.



## ✔ SSL Checker and HTTPS Test

This website is successfully using HTTPS, a secure communication protocol over the Internet.

- ✔ The certificate is not used before the activation date.
- ✔ The certificate has not expired.
- ✔ The hostname "cityscience.com" is correctly listed in the certificate.
- ✔ The certificate should be trusted by all major web browsers.
- ✔ The certificate was not revoked.
- ✔ The certificate was signed with a secure hash.

### Certificate Chain:

Server certificate	
Common Name	tls.automattic.com
Subject Alternative Names (SANs)	cityscience.com, tls.automattic.com, www.cityscience.com
Not Valid Before	Mon, January 22nd 2024, 3:31:30 pm (UTC)
Not Valid After	Sun, April 21st 2024, 3:31:29 pm (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	R3
Intermediate certificate	
Common Name	R3
Organization	Let's Encrypt
Location	US
Not Valid Before	Fri, September 4th 2020, 12:00:00 am (UTC)
Not Valid After	Mon, September 15th 2025, 4:00:00 pm (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	ISRG Root X1
Root certificate	
Common Name	ISRG Root X1
Organization	Internet Security Research Group





Location	US
Not Valid Before	Thu, June 4th 2015, 11:04:38 am (UTC)
Not Valid After	Mon, June 4th 2035, 11:04:38 am (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	ISRG Root X1

## ✓ Mixed Content Test (HTTP over HTTPS)

This webpage does not use mixed content - both the initial HTML and all other resources are loaded over HTTPS.

## ✓ HTTP2 Test

This webpage is using the HTTP/2 protocol.

## ✓ Safe Browsing Test

This website is not currently listed as suspicious (no malware or phishing activity found).

## ✓ Server Signature Test

The server signature is off for this webpage.

## ✓ Directory Browsing Test

Directory browsing is disabled for this website.



## ✘ Plaintext Emails Test

We've found 2 email addresses in your page code! We advise you [to protect email links](#) in a way that hides them from the spam harvesters.

### How to pass this test?

In order to pass this test you must make your email addresses invisible to email spiders. Note that the best option is to replace your entire contact mechanism with a contact form and using the POST method while submitting the form.

Other solutions are listed below:

- replace the at (@) and dot (.) characters
- replace text with images
- use email obfuscators
- hide email addresses using JavaScript or CSS trick

## ✔ Unsafe Cross-Origin Links Test

This webpage is not using `target="_blank"` links without `rel="noopener"` or `rel="noreferrer"` attribute.

## Mobile usability

0 Failed

0 Warnings

3 Passed

## ✔ Meta Viewport Test

This webpage is using a viewport meta tag.

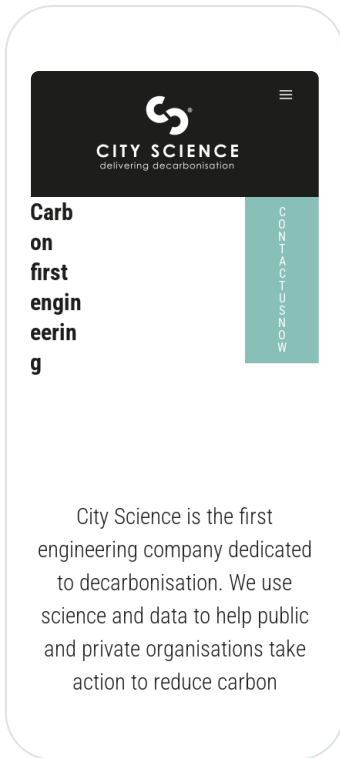
```
<meta name="viewport" content="width=device-width, initial-scale=1" />
```

## ✔ Media Query Responsive Test

This webpage is using CSS media queries, which is the base for responsive design functionalities.



## Mobile Snapshot Test



## Advanced SEO

0 Failed

1 Warnings

9 Passed

### ✔ Structured Data Test

This webpage is using structured data.

### ✔ Custom 404 Error Page Test

This website is using a custom 404 error page. We recommend to have a custom 404 error page in order to improve the website's user experience by letting users know that only a specific page is missing/broken (and not the entire site), providing them helpful links, the opportunity to report bugs, and potentially [track the source of broken links](#).

### ✔ Noindex Tag Test

This webpage does not use the noindex meta tag. This means that it can be indexed by search engines.



## ✓ Canonical Tag Test

This webpage is using the canonical link tag. This tag specifies that the URL: <https://cityscience.com/> is preferred to be used in search results. Please ensure that this specification is correct, as canonical tags are often hard-coded and may not always reflect the latest changes in a site's URL structure.

```
<link href="https://cityscience.com/" rel="canonical"/>
```

## ⊙ Nofollow Tag Test

This webpage does not use the nofollow meta tag. This means that search engines will crawl all links from this webpage.

## ⊙ Disallow Directive Test

Your robots.txt file includes a disallow command which instructs search engines to avoid certain parts of your website! You are advised to confirm if access to these resources or pages are intended to be blocked (e.g., if they contain internal-only content or sensitive information).

## ✓ Meta Refresh Test

This webpage is not using a meta refresh tag.

## ✓ SPF Records Test

This DNS server is using an SPF record.

```
v=spf1 include:spf.protection.outlook.com include:eu.mailgun.org include:_spf.wpcloud.com -all
```

## ⚠ Ads.txt Validation Test

This website doesn't use an ads.txt file! Ads.txt is a text file that contains a list of Authorized Digital Sellers. The purpose of ads.txt files is to give advertisers and advertising networks the ability to verify who is allowed to sell advertising on your website.