

# Statement of Conformance

## LINZ website

Date of issue: 01 June 2023

Intopia Pty Ltd conducted an accessibility evaluation of the LINZ website against WCAG 2.1 Level A and AA for Land Information New Zealand - Toitū Te Whenua.

The Statement of Conformance describes the conformance of the **LINZ website** with the [Web Content Accessibility Guidelines \(WCAG\) 2.1](#)<sup>1</sup> at 01 June 2023. WCAG 2.1 is the recognised international benchmark for web accessibility and is recommended by the Australian Human Rights Commission (see [World Wide Web Access: Disability Discrimination Act Advisory Notes](#)<sup>2</sup>).

Based on this evaluation, the content tested (see scope of testing) on the LINZ website **partially meets** WCAG 2.1 level A and AA. The results of the evaluation are detailed in WCAG 2.1 conformance by Success Criteria on page 3.

This statement is correct at the time of publication (01 June 2023) and:

- does not include any content outside the scope of testing
- does not cover any updates or maintenance that have been or will be performed on the site since testing, or any changes made during re-testing other than those that directly fix issues that Intopia Pty Ltd identified
- are according to our interpretation of WCAG 2.1

## About the review

The evaluation process is based on the W3C's Conformance Evaluation method as described in [Website Accessibility Conformance Evaluation Methodology \(WCAG-EM\) 1.0](#)<sup>3</sup>.

Testing was performed on the LINZ website at <https://www.linz.govt.nz/> between 21 Nov 2022 - 28 Nov 2022.

- Intopia tested the content in the scope of testing between 21 Nov 2022 - 28 Nov 2022. Land Information New Zealand - Toitū Te Whenua addressed most WCAG 2.1 issues found.
- Intopia retested the issues to verify issues had been fixed appropriately between 28 April 2023 - 30 May 2023.

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<sup>1</sup> <https://www.w3.org/TR/WCAG21>

<sup>2</sup> <https://www.humanrights.gov.au/world-wide-web-access-disability-discrimination-act-advisory-notes-ver-41-2014>

<sup>3</sup> <https://www.w3.org/TR/WCAG-EM>

## Scope of testing

A sample of pages that reflects different types of content, functionality and processes was chosen in consultation with Land Information New Zealand - Toitū Te Whenua for the evaluation. The Statement of Conformance only applies to these pages, although this does not preclude other pages on the LINZ website from meeting WCAG 2.1 Level A and AA.

Sample set of pages tested:

- Home
- Search
- Landonline known issues
- Place name proposal - Ohangao Creek
- Crown pastoral lease: Blue Mountain
- Topo50 map: CH12 - Waipapa Point
- LINZ data service
- Water boundaries
- Landonline
- Landonline support
- Overseas investment decisions
- News
- Topo50 map chooser
- Tide predictions
- Online enquiry form

## WCAG 2.1 conformance target

The conformance target for the LINZ website is WCAG 2.1 Level A and AA.

Conformance with the WCAG Success Criteria is scoped for full pages, complete processes, and accessibility-supported ways of using technology. See Appendix B: Understanding WCAG 2.1 conformance requirements for a description of the five requirements that must be met for content to be classified as 'conforming'.

## Technologies relied upon

A technology is relied upon if the content would not conform to WCAG 2.1 to the target level if that technology is turned off or is not supported.

The technologies that are used and relied upon are:

- HTML
- CSS
- JavaScript
- WAI-ARIA
- DOM

The following assistive technologies, web browsers and user agents were used during testing:

- JAWS 2021 with Chrome on Windows 10
- VoiceOver with Safari on iOS iPhone (latest)

# WCAG 2.1 conformance by Success Criteria

The following is a summary of the current state of Conformance of the LINZ website at the time of issue. See Appendix C: Conformance levels for conformance level definitions.

## Principle 1: Perceivable

Information and user interface components must be presentable to users in ways they can perceive.

### Guideline 1.1 Text Alternatives

Provide text alternatives for any non-text content so that it can be changed into other forms people need, such as large print, braille, speech, symbols or simpler language.

Success Criteria	Result	Remarks and explanations
<b>1.1.1 Non-Text Content</b>	Partially satisfied	The Water Boundaries page has multiple complex images and diagrams that are not fully described by their text alternatives.

### Guideline 1.2 Time-based Media

Provide alternatives for time-based media.

Success Criteria	Result	Remarks and explanations
<b>1.2.1 Audio-only and Video-only (Prerecorded)</b>	Not applicable	
<b>1.2.2 Captions (Prerecorded)</b>	Satisfied	
<b>1.2.3 Audio Description or Media Alternative</b>	Satisfied	
<b>1.2.4 Captions (Live)</b>	Not applicable	
<b>1.2.5 Audio Description (Prerecorded)</b>	Satisfied	

## Guideline 1.3 Adaptable

Create content that can be presented in different ways (for example simpler layout) without losing information or structure.

Success Criteria	Result	Remarks and explanations
<b>1.3.1 Info and Relationships</b>	Partially satisfied	<p>In the online enquiry form, the error message for the Subject of your enquiry checkbox group is not associated. The label for the group is not associated.</p> <p>On the Landonline page, the disclosures have the tablist role applied and aria-multiselectable attribute applied.</p> <p>On the Tide Predictions map, the layers button menu opens a set of radio buttons which are not grouped in code.</p> <p>On the Overseas Investment Decisions page there are several pieces of text which are styled like headings but not marked up as headings in code.</p>
<b>1.3.2 Meaningful Sequence</b>	Satisfied	
<b>1.3.3 Sensory Characteristics</b>	Satisfied	
<b>1.3.4 Orientation</b>	Satisfied	
<b>1.3.5 Identify Input Purpose</b>	Satisfied	

## Guideline 1.4 Distinguishable

Make it easier for users to see and hear content including separating foreground from background.

Success Criteria	Result	Remarks and explanations
<b>1.4.1 Use of Color</b>	Satisfied	
<b>1.4.2 Audio Control</b>	Satisfied	
<b>1.4.3 Contrast (Minimum)</b>	Satisfied	The Twitter feed 3 <sup>rd</sup> party plugin on the LINZ Data Service page has low text contrast for

		links and the view more on Twitter button.
<b>1.4.4 Resize text</b>	Satisfied	
<b>1.4.5 Images of Text</b>	Satisfied	
<b>1.4.10 Reflow</b>	Partially satisfied	On the Water Boundaries page the diagrams are unreadable at 400% zoom.
<b>1.4.11 Non-text Contrast</b>	Partially satisfied	<p>The keyboard focus indicator on the breadcrumbs has just below 3:1 contrast.</p> <p>The Twitter feed 3<sup>rd</sup> party plugin on the LINZ Data Service page has low non-text contrast for the keyboard focus indicator used within the component.</p>
<b>1.4.12 Text Spacing</b>	Satisfied	
<b>1.4.13 Content on Hover or Focus</b>	Satisfied	

## Principle 2: Operable

User interface components and navigation must be operable.

### Guideline 2.1 Keyboard Accessible

Make all functionality available from a keyboard.

Success Criteria	Result	Remarks and explanations
<b>2.1.1 Keyboard</b>	Satisfied	
<b>2.1.2 No Keyboard Trap</b>	Satisfied	
<b>2.1.4 Character Key Shortcuts</b>	Satisfied	

### Guideline 2.2 Enough Time

Provide users enough time to read and use content.

Success Criteria	Result	Remarks and explanations
<b>2.2.1 Timing Adjustable</b>	Not applicable	
<b>2.2.2 Pause, Stop, Hide</b>	Not applicable	

### Guideline 2.3 Seizures and Physical Reactions

Do not design content in a way that is known to cause seizures.

Success Criteria	Result	Remarks and explanations
<b>2.3.1 Three Flashes or Below Threshold</b>	Satisfied	

## Guideline 2.4 Navigable

Provide ways to help users navigate, find content, and determine where they are.

Success Criteria	Result	Remarks and explanations
<b>2.4.1 Bypass Blocks</b>	Satisfied	
<b>2.4.2 Page Titled</b>	Satisfied	
<b>2.4.3 Focus Order</b>	Partially satisfied	<p>The 'On this page' links for the Landonline known issues page does not move focus to the sections of content.</p> <p>When submitting the Online enquiry form, focus is not managed on the new page.</p> <p>On the news page, focus is not managed for screen readers when the page view is toggled between list or gallery, the virtual cursor is sent back to the top of the page.</p> <p>When the responsive site menu is open, focus is not trapped inside of the modal.</p> <p>On the search page, when a filter or search term is activated, the page refreshes and focus begins at the top of the page.</p> <p>On the Tide Predictions map, the download map pop-ups do not manage focus when a user activates a map marker.</p> <p>On the Tide Predictions map, focus is not managed when the layers button is activated and the menu displays, focus is moved to the top of the page.</p> <p>On the Overseas Investment Decisions page focus is not managed for screen readers when either the pagination links, the search button or the show all button are activated, focus is moved to the top of the page.</p>
<b>2.4.4 Link Purpose (In Context)</b>	Satisfied	

<b>2.4.5 Multiple Ways</b>	Satisfied	
<b>2.4.6 Headings and Labels</b>	Satisfied	
<b>2.4.7 Focus Visible</b>	Satisfied	

## Guideline 2.5 Input Modalities

Make it easier for users to operate functionality through various inputs beyond keyboard.

<b>Success Criteria</b>	<b>Result</b>	<b>Remarks and explanations</b>
<b>2.5.1 Pointer Gestures</b>	Satisfied	
<b>2.5.2 Pointer Cancellation</b>	Satisfied	
<b>2.5.3 Label in Name</b>	Satisfied	
<b>2.5.4 Motion Actuation</b>	Satisfied	



## Principle 3: Understandable

Information and the operation of user interface must be understandable.

### Guideline 3.1 Readable

Make text content readable and understandable.

Success Criteria	Result	Remarks and explanations
<b>3.1.1 Language of Page</b>	Satisfied	
<b>3.1.2 Language of Parts</b>	Partially satisfied	On the home and news pages, elements in Te reo Māori do not have the language indicated in code.

### Guideline 3.2 Predictable

Make Web pages appear and operate in predictable ways.

Success Criteria	Result	Remarks and explanations
<b>3.2.1 On Focus</b>	Partially satisfied	On the search page, within the filters each keystroke to navigate the page force scrolls the page back to the top.
<b>3.2.2 On Input</b>	Satisfied	
<b>3.2.3 Consistent Navigation</b>	Satisfied	
<b>3.2.4 Consistent Identification</b>	Satisfied	

### Guideline 3.3 Input Assistance

Help users avoid and correct mistakes.

Success Criteria	Result	Remarks and explanations
<b>3.3.1 Error Identification</b>	Satisfied	
<b>3.3.2 Labels or Instructions</b>	Partially satisfied	Within the header for the responsive view, the search field relies on placeholder text for its visible label.
<b>3.3.3 Error Suggestion</b>	Satisfied	
<b>3.3.4 Error Prevention (Legal, Financial, Data)</b>	Satisfied	

## Principle 4: Robust

Content must be robust enough that it can be interpreted reliably by a wide variety of user agents, including assistive technologies.

### Guideline 4.1 Compatible

Maximize compatibility with current and future user agents, including assistive technologies.

Success Criteria	Result	Remarks and explanations
4.1.1 Parsing	Satisfied	
4.1.2 Name, Role, Value	Satisfied	
4.1.3 Status Messages	Partially satisfied	<p>On the search page, the loading indicator or the result amount is not announced by screen readers.</p> <p>When submitting the Online enquiry form the confirmation message is not announced by screen readers.</p> <p>On the news page, the search result amount is not announced by screen readers when it updates.</p> <p>On the Overseas Investment Decisions page the loading status is not announced by the screen reader when a pagination link, the search button or the show all button is activated.</p>

# Appendix A: Contacts

## Intopia contact

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# Appendix B: Understanding WCAG 2.1 conformance requirements

There are five requirements that must be met for content to be classified as 'conforming' to WCAG 2.1 (ref: [Understanding WCAG 2.1: Understanding Conformance](https://www.w3.org/TR/UNDERSTANDING-WCAG20/conformance.html)<sup>4</sup>).

## Conformance requirement 1

1. Conformance Level: One of the following levels of conformance is met in full.

- Level A: For Level A conformance (the minimum level of conformance), the Web page satisfies all the Level A Success Criteria, or a conforming alternate version is provided.
- Level AA: For Level AA conformance, the Web page satisfies all the Level A and Level AA Success Criteria, or a Level AA conforming alternate version is provided.
- Level AAA: For Level AAA conformance, the Web page satisfies all the Level A, Level AA and Level AAA Success Criteria, or a Level AAA conforming alternate version is provided.

## Conformance requirement 2

2. Full pages: Conformance (and conformance level) is for full Web page(s) only, and cannot be achieved if part of a Web page is excluded.

## Conformance requirement 3

3. Complete processes: When a Web page is one of a series of Web pages presenting a process (i.e., a sequence of steps that need to be completed in order to accomplish an activity), all Web pages in the process conform at the specified level or better. (Conformance is not possible at a particular level if any page in the process does not conform at that level or better.)

## Conformance requirement 4

4. Only Accessibility-Supported Ways of Using Technologies: Only accessibility-supported ways of using technologies are relied upon to satisfy the success criteria. Any information or functionality that is provided in a way that is not accessibility supported is also available in a way that is accessibility supported. (See [Understanding accessibility support](#).)

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<sup>4</sup> <https://www.w3.org/TR/UNDERSTANDING-WCAG20/conformance.html>

## Conformance requirement 5

5. Non-Interference: If technologies are used in a way that is not accessibility supported, or if they are used in a non-conforming way, then they do not block the ability of users to access the rest of the page. In addition, the Web page as a whole continues to meet the conformance requirements under each of the following conditions:

- when any technology that is not relied upon is turned on in a user agent,
- when any technology that is not relied upon is turned off in a user agent, and
- when any technology that is not relied upon is not supported by a user agent

In addition, the following success criteria apply to all content on the page, including content that is not otherwise relied upon to meet conformance, because failure to meet them could interfere with any use of the page:

- 1.4.2 - Audio Control,
- 2.1.2 - No Keyboard Trap,
- 2.3.1 - Three Flashes or Below Threshold, and
- 2.2.2 - Pause, Stop, Hide.

## Appendix C: Conformance levels

Success criteria conformance levels used in this document are adapted from the [Voluntary Product Accessibility Template \(VPAT\)](#) published by the [Information Technology Industry Council](#).

**Satisfied:** The site has at least one method that meets the criterion without known defects or meets with equivalent facilitation.

**Partially satisfied:** Some functionality of the site does not meet the criterion.

**Not satisfied:** The majority of site functionality does not meet the criterion.

**Not applicable:** The criterion is not relevant to the site.

**Not evaluated:** The site has not been evaluated against the criterion.