

# European Internet Accessibility Observatory

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## Large scale web accessibility evaluation, introduction to workshop 2

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**EIAO**

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# The EIAO project partners



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Automatic  
web accessibility  
monitoring

Evaluation of  
10.000 web sites  
each month

Based on  
W3C guidelines  
(WCAG 1.0)  
and UWEM

**E**uropean  
**I**nternet  
**A**ccessibility  
**O**bservatory

Presentation  
of reports and  
statistics

EC-funded project  
with partners from  
six European  
countries

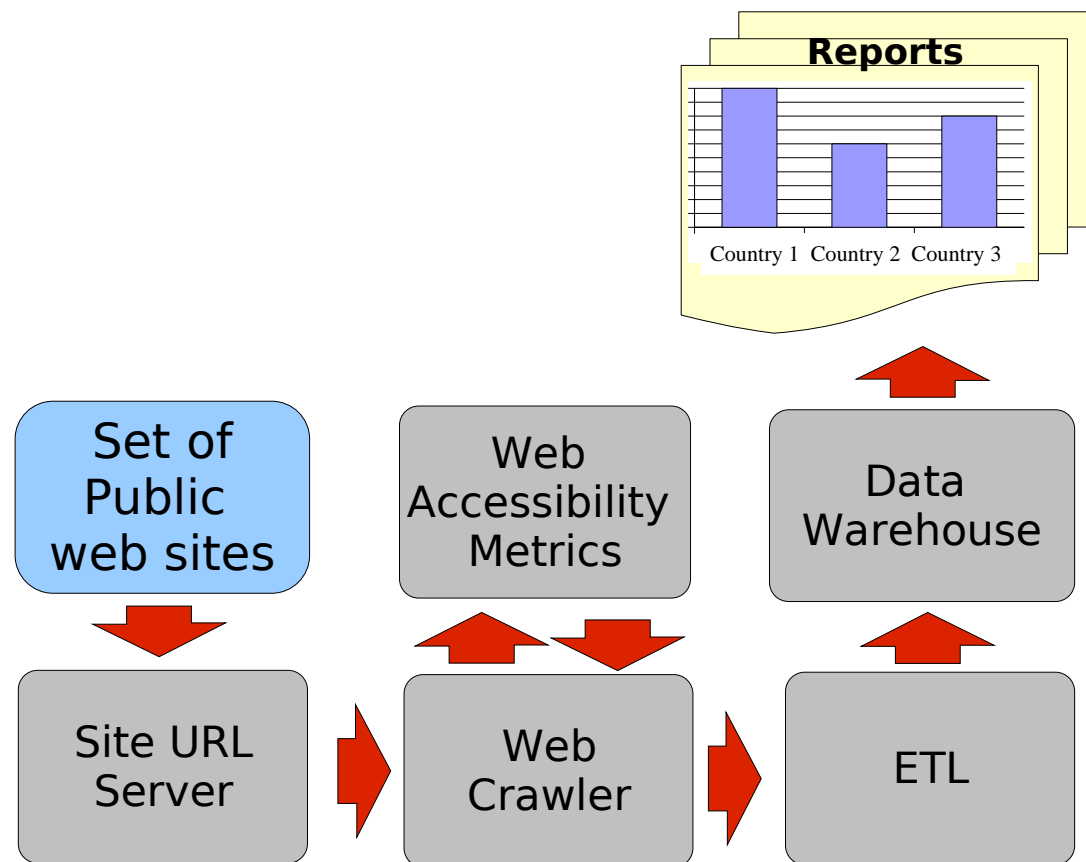
Open source  
software  
components

# EIAO – open basis



















- Based on an open methodology (UWEM)
  - Allows anyone to implement software
  - Evaluation results can be reproduced by others
- Open Standards
  - Evaluation based on WCAG 1.0 and open standards
  - CSS, HTML
- Open Source Software
  - Allows anyone to review and improve
- Large scale results will be open and accessible
  - Open content license
- Open for collaboration

# EIAO Release 2.0 bis overview

- Implementation based on UWEM1.0
- 31 of 35 UWEM tests implemented
- Support for content statistics
- Online reports



# EIAO reports: preview

WCAG Checkpoint	Type	UWEM Test	Percentage of tests failed			Change
			Average	Min.	Max.	
1.1	HTML_01	Non-text content without alt attribute	 36%	0%	100%	n/a
1.1	HTML_06	<embed> used	 5%	0%	100%	n/a
2.2	CSS_01	Insufficient colour contrast (CSS)	 0%	0%	0%	n/a
2.2	HTML_01	Insufficient colour contrast	 0%	0%	0%	n/a
3.2	CSS_01	Formal grammar violations (CSS)	 0%	0%	100%	n/a
3.2	CSS_01	Formal grammar violations (CSS)	 12%	0%	100%	n/a
3.2	CSS_01	Formal grammar violations (CSS)	 9%	0%	100%	n/a
3.2	HTML_01	Invalid !DOCTYPE	 65%	0%	100%	n/a
3.2	HTML_02	Formal schema violations	 87%	0%	100%	n/a
3.4	HTML_01	Absolute length values	 65%	0%	100%	n/a
3.4	HTML_02	Absolute width in <col> or <colgroup>	 0%	0%	23%	n/a
3.4	HTML_03	Absolute values in <frameset>	 4%	0%	100%	n/a
3.5	HTML_02	Higher level than first heading	 1%	0%	100%	n/a
3.5	HTML_03	Heading level skipped	 1%	0%	97%	n/a
3.6	HTML_03	Simulation of numbered list	 0%	0%	73%	n/a
3.6	HTML_04	Simulation of unordered list	 1%	0%	100%	n/a
4.2	CSS_02	None	 0%	0%	0%	n/a
6.4	HTML_01	Mouse-specific event handler	 31%	0%	100%	n/a

Data from crawl of 1000 sites

# EIAO reports: preview

Regional | Tested web sites | Score distribution | Past results | Content statistics | Test results

## Regional

This table displays a report of the sub-regions of the region you have selected. The score is a compilation of results for all the web sites inside the sub-region. If you have selected a sector, the compiled score will be based on the web sites within that sector. You may also further narrow by selecting a sub-region from this table.

Region ▲	Rank	Score	Change
<a href="#">Another test country 1</a>	1	 Excellent	↑ Up
<a href="#">Another test country 2</a>	2	 Good	↑ Up
<a href="#">Another test country 3</a>	3	 Medium	↑ Up
<a href="#">Another test country 4</a>	4	 Poor	↑ Up

[Download detailed statistical data as a CSV file](#)

Fake data

How it works and how to use the results in Workshop 2