

Web Accessibility Benchmarking Tools and Services

TINGTUN

“Innovative solutions for participation”

eGovernment services have rapidly become the main channel of interaction between citizens and government. Accessibility for all is crucial to realize the potential of this development. Currently about 15% of the European population have some kind of disability.¹

Automated web accessibility tools can help you to uncover potential barriers and monitor the development. The tools can generate interactive reports with accessibility scores representing the accessibility of a web site on demand.

You can use benchmarking results to get an overview of barriers, find good practices and identify trends of web site improvements. Benchmarking results are also helpful for dissemination, to get media attention and to keep focus on e-Inclusion. Figure 1 shows exemplary data to illustrate how benchmarking results can be presented.

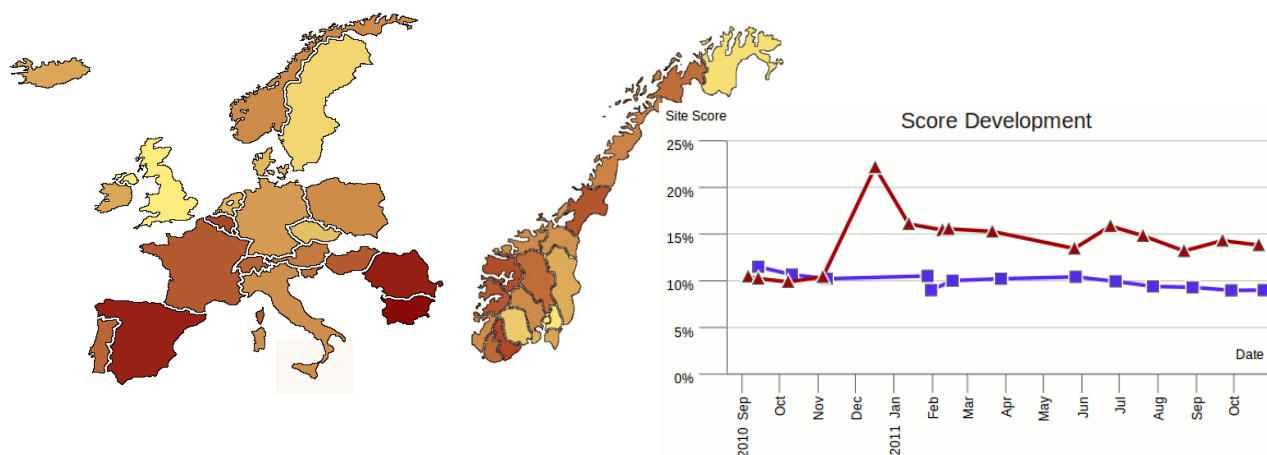


Figure 1: Exemplary data to illustrate how accessibility in Europe and counties of a European country (Norway) can be shown. The lighter shades on the maps indicate better accessibility. The graphs shows an example of accessibility score development over time, where boxes show the country average and triangles shows the development of a selected municipality.

Try out the accessibility checking tools at <http://accessibility.egovmon.no/>

Our tools for accessibility checking are implemented as open source, and built on the W3C/WAI guidelines.² The tests cover the most used web technologies including HTML, CSS and PDF. The accessibility check results can be presented online to support trend analysis for policy making, public procurement of web sites, as well as barrier removal both for content editors and for developers of authoring tools.

¹ http://www.edf-feph.org/Page_Generale.asp?DocID=12534

² HTML and CSS tests are based on WCAG1.0 and mapped to WCAG2.0. PDF tests from WCAG 2.0.

The Tingtun Web Accessibility Services

Accessibility Snapshot

This service will give a snapshot of the accessibility status of the selected web sites, and PDF documents. The service includes an analysis of the barriers found by the automatic tools, and advice on how to address them. The results can be presented in a document (such as spreadsheet or PDF) or online in an interactive report.

Accessibility checking on Demand

Show the immediate effect of web site improvements or support the procurement of accessible web services. You can sign up for on-demand check services for selected web sites. These services cover HTML, CSS and PDF.

Accessibility Monitoring

Keep a close watch on selected important web sites to get alerts when accessibility issues are discovered. Our monitoring tools can check at selected time intervals.

Accessibility Consultancy

To supplement the automated check services we can provide consultancy to remove barriers, and also to identify potential barriers which cannot be found by the tools.

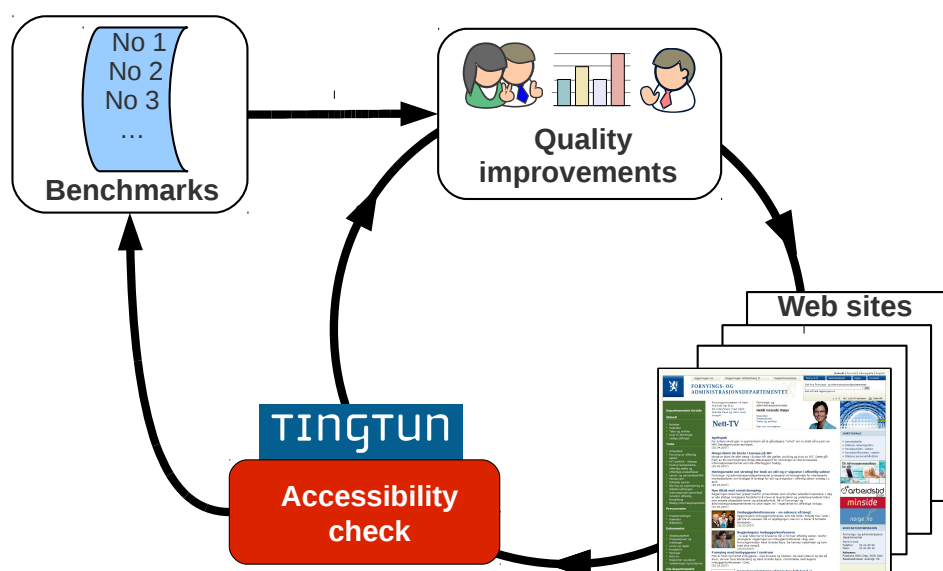


Figure 2: Quality cycle to drive accessibility improvements.

Figure 2 indicates how accessibility benchmarking can drive accessibility improvements. In addition to the above indicated services, we can offer customized services, such as translations or extensions of accessibility checking tools upon request.

Tingtun AS was established in 1996 and we deliver research and development services for web quality measurements. We have recently provided services for the United Nations, the European Commission, the Norwegian Agency for IT in the Public sector and many more.

Contact us today to get more information about how we can assist you.

TINGTUN

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