Advanced Decision Support Tools for Scalable Web Accessibility Assessments

Fact Sheet

Project Information

**WAI-Tools**

Grant agreement ID: 780057

Project website [link]

**Status**

Closed project

**Start date**

1 November 2017

**End date**

31 January 2021

**Funded under**

H2020-EU.2.1.1.

**Overall budget**

€ 2 244 493,75

**EU contribution**

€ 1 999 812

**Coordinated by**

GEIE ERCIM

France

Objective

WAI-Tools, Advanced Decision Support Tools for Scalable Web Accessibility Assessments, drives innovation with sustainable impact on the entire field of web accessibility evaluation and repair through:

- Building on the on-going international standardisation efforts on web accessibility conformance testing;
- Ensuring consistent accuracy across automated, semi-automated, and manual web accessibility testing;
- Pursuing leading edge technologies for website testing, including dynamic and mobile web applications;
- Leveraging the existing market of commercial, free, and open source web accessibility evaluation tools;
- Demonstrating large-scale web accessibility monitoring built on open standards and open source tools.
WAI-Tools achieves this by carrying out key efforts in the vendor-neutral environment of the World Wide Web Consortium (W3C). WAI-Tools draws together key expertise from industry, public bodies, and research to develop common understanding of web accessibility requirements in exchange with the existing community and networks of the W3C Web Accessibility Initiative (WAI).

WAI-Tools is uniquely positioned and qualified to develop authoritative resources that are coordinated and aligned with the on-going European and international efforts on web accessibility standardisation, including W3C Web Content Accessibility Guidelines (WCAG) 2.1, the expected revision of EN 301 549, and upcoming EC definition of mobile requirements and monitoring methodology in light of the EU Directive on web accessibility.

WAI-Tools maximises the impacts while minimising the use of project resources by building on existing open source tools from leading market vendors, rather than investing in teething troubles of less mature tools. WAI-Tools deploys testing tools in existing web accessibility monitoring observatories and integrates these differing national approaches using open data, to demonstrate easier and more cost effective assessment of web accessibility requirements at scale.

Field of science

/natural sciences/computer and information sciences/artificial intelligence
/natural sciences/computer and information sciences/internet/web development
/natural sciences/computer and information sciences/internet/world wide web/web accessibility

Programme(s)

Topic(s)

Call for proposal

H2020-ICT-2017-1

Funding Scheme

IA - Innovation action

Coordinator

GEIE ERCIM
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<tr>
<th>Address</th>
<th>Activity type</th>
<th>EU contribution</th>
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<td>Other</td>
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<td>06410 Biot</td>
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<td>Website</td>
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### Participants (7)

#### SITEIMPROVE AS
- **Country:** Denmark
- **EU contribution:** € 260 379
- **Address:** Sankt Annae Plads 28
  1250 Kobenhavn
- **Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)
- **Contact the organisation**

#### STICHTING ACCESSIBILITY
- **Country:** Netherlands
- **EU contribution:** € 335 056
- **Address:** Christiaan Krammlaan 2
  3571 AX Utrecht
- **Activity type:** Other
- **Contact the organisation**

#### DIGITALISERINGSDIREKTORATET
- **Country:** Norway
- **EU contribution:** € 207 750
- **Address:** Grev Wedels Plass 9
  0151 Oslo
- **Activity type:** Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
- **Contact the organisation**
**FUNDACAO PARA A CIENCIA E A TECNOLOGIA**

Portugal  
EU contribution  
€ 23,490

**Address**  
Avenida D Carlos I 126  
1249 074 Lisboa

**Activity type**  
Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

**Website**  
Contact the organisation

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**FCIENCIAS.ID - ASSOCIACAO PARA A INVESTIGACAO E DESENVOLVIMENTO DE CIENCIAS**

Portugal  
EU contribution  
€ 249,315

**Address**  
Campo Grande, Edificio C1, Piso 3  
1749 016 Lisbon

**Activity type**  
Research Organisations

**Website**  
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**DEQUE RESEARCH BV**

Netherlands  
EU contribution  
€ 310,542,75

**Address**  
Rachmaninoffplantsoen 56  
3533 JX Utrecht

**Activity type**  
Private for-profit entities (excluding Higher or Secondary Education Establishments)

**Contact the organisation**

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**AGENCIA PARA A MODERNIZACAO ADMINISTRATIVA IP**

Portugal  
EU contribution  
€ 48,631,25

**Address**  
Rua Santa Marta 55 3

**Activity type**  
Public bodies (excluding...