Advanced Decision Support Tools for Scalable Web Accessibility Assessments

Fact Sheet

Project Information

WAI-Tools

Grant agreement ID: 780057

Funded under
H2020-EU.2.1.1.

Overall budget
€ 2 244 493.75

EU contribution
€ 1 999 812

Coordinated by
GEIE ERCIM
France

Start date
1 November 2017

End date
31 January 2021

Closed project

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.

Fields of science

Programme(s)

Topic(s)

Call for proposal

H2020-ICT-2017-1

Funding Scheme

Coordinator

GEIE ERCIM

Address

Activity type

Other

EU contribution

€ 564 648
Participants (7)

SITEIMPROVE AS
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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
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Netherlands
EU contribution
€ 335,056

Address
Christiaan Krammlaan 2
3571 AX Utrecht

Activity type
Other

Contact the organisation

DIGITALISERINGSDIREKTORATET
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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

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
Contact the organisation

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

AGENCIA PARA A MODERNIZACAO ADMINISTRATIVA IP

Portugal
EU contribution
€ 48 631,25
Address
Rua Santa Marta 55 3
1150-294 Lisboa
Activity type
Public bodies (excluding Research Organisations and)
Last update: 28 August 2021
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