Advanced Decision Support Tools for Scalable Web Accessibility Assessments

Fact Sheet

Project Information

WAI-Tools
Grant agreement ID: 780057

DOI
10.3030/780057

Funded under
INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)

Total cost
€ 2 244 493,75

EU contribution
€ 1 999 812

Closed project

Start date
1 November 2017

End date
31 January 2021

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.

Fields of science

natural sciences > computer and information sciences > internet > web development

natural sciences > computer and information sciences > internet > world wide web > web accessibility

Programme(s)

H2020-EU.2.1.1. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)  

Topic(s)

ICT-23-2017 - Interfaces for accessibility

Call for proposal

H2020-ICT-2016-2017

See other projects for this call
Sub call
H2020-ICT-2017-1

Funding Scheme
IA - Innovation action

Coordinator

GEIE ERCIM
Net EU contribution
€ 564 648,00

Address
Route Des Lucioles 2004 Sophia Antipolis
06410 Biot
France

Region
Provence-Alpes-Côte d'Azur > Provence-Alpes-Côte d'Azur > Alpes-Maritimes

Activity type
Other

Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,75

Participants (8)

SITEIMPROVE AS
Denmark
Net EU contribution
€ 260 379,00

Address
STICHTING ACCESSIBILITY
Netherlands
Net EU contribution
€ 335 056,00
Address
Christiaan Krammlaan 2
3571 AX Utrecht
SME
Yes
Region
West-Nederland > Utrecht > Utrecht
Activity type
Other
Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 0,25
Net EU contribution
€ 207 750,00

Address
Grev Wedels Plass 9
0151 Oslo

Region
Norge > Oslo og Viken > Oslo

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

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

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FUNDACAO PARA A CIENCIA E A TECNOLOGIA

Portugal

Net EU contribution
€ 23 490,00

Address
Avenida D Carlos I 126
1249 074 Lisboa

Region
Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa

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

Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00
FCIENCIAS.ID - ASSOCIACAO PARA A INVESTIGACAO E DESENVOLVIMENTO DE CIENCIAS

Portugal

Net EU contribution
€ 133 253,75

Address

Campo Grande, Edificio C1, Piso 3
1749 016 Lisbon

Region
Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa

Activity type
Research Organisations

Links

Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

THIRD-PARTY

FACULDADE DE CIENCIAS DA UNIVERSIDADE DE LISBOA

Portugal

Net EU contribution
€ 116 061,25

Address

Campo Grande C5 Piso 3
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Region
Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa

Activity type
Higher or Secondary Education Establishments

Links

Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00
DEQUE RESEARCH BV
Netherlands
Net EU contribution
€ 310 542.75
Address
Rachmaninoffplantsoen 56
3533 JX Utrecht
SME
Yes
Region
West-Nederland > Utrecht > Utrecht
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 133 089.75

AGENCIA PARA A MODERNIZACAO ADMINISTRATIVA IP
Portugal
Net EU contribution
€ 48 631.25
Address
Rua Santa Marta 55 3
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Region
Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa
Activity type
Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
Links
Contact the organisation