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

Coordinated by
GEIE ERCIM
France

Start date
1 November 2017

End date
31 January 2021

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 ongoing 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) MAIN PROGRAMME

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

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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

Non-EU contribution

€ 0,75

Participants (8)

SITEIMPROVE AS

Denmark

Net EU contribution

€ 260 379,00

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Region
Danmark > Hovedstaden > Byen København

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

Links
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Participation in EU R&I programmes
HORIZON collaboration network

Non-EU contribution
€ 111 591,00

STICHTING ACCESSIBILITY
Netherlands

Net EU contribution
€ 335 056,00

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SME
Yes

Region
West-Nederland > Utrecht > Utrecht

Activity type
Other

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

Non-EU contribution
€ 0,25

DIGITALISERINGSDIREKTORATET
Norway
FUNDACAO PARA A CIENCIA E A TECNOLOGIA

Portugal

Net EU contribution
€ 23 490,00

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Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa

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

Links
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Participation in EU R&I programmes
HORIZON collaboration network

Non-EU contribution
€ 0,00
FCIENCIAS.ID - ASSOCIACAO PARA A INVESTIGACAO E DESENVOLVIMENTO DE CIENCIAS

Portugal
Net EU contribution
€ 133 253,75

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Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa

Activity type
Research Organisations

Links
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Non-EU contribution
€ 0,00

THIRD-PARTY

FACULDADE DE CIENCIAS DA UNIVERSIDADE DE LISBOA

Portugal
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€ 116 061,25

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Activity type
Higher or Secondary Education Establishments

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Non-EU contribution
€ 0,00
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Net EU contribution
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Activity type
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HORIZON collaboration network
Non-EU contribution
€ 133 089.75

AGENCIA PARA A MODERNIZACAO ADMINISTRATIVA IP
Portugal
Net EU contribution
€ 48 631.25
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Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa
Activity type
Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
Links
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Non-EU contribution
€ 0,00

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