Advanced Decision Support Tools for Scalable Web Accessibility Assessments

Fact Sheet

Project Information

WAI-Tools

Grant agreement ID: 780057

Closed project

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

Start date 1 November 2017

End date 31 January 2021

Total cost € 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.

**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
H2020 collaboration network

Non-EU contribution
€ 0,75

Participants (8)

SITEIMPROVE AS
Denmark
Net EU contribution
€ 260,379,00

Address
Sankt Annae Plads 28
1250 Kobenhavn

Region
Danmark > Hovedstaden > Byen København

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

Links
Contact the organisation
Participation in EU R&I programmes
H2020 collaboration network

Non-EU contribution
€ 111 591,00

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
H2020 collaboration network

Non-EU contribution
€ 0,25
Norway

Net EU contribution

€ 207,750,00

Address

Grev Wedels Plass 9
0151 Oslo

Activity type

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

Links

Contact the organisation
Participation in EU R&I programmes
H2020 collaboration network

Non-EU contribution

€ 0,00


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
H2020 collaboration network

Non-EU contribution

€ 0,00

FCIENCIAS.ID - ASSOCIACAO PARA A INVESTIGACAO E DESENVOLVIMENTO

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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 | H2020 collaboration network
Non-EU contribution
€ 0,00

THIRD-PARTY
FACULDADE DE CIENCIAS DA UNIVERSIDADE DE LISBOA
Portugal
Net EU contribution
€ 116 061,25
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Campo Grande C5 Piso 3
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Activity type
Higher or Secondary Education Establishments
Links
Contact the organisation | Website | Participation in EU R&I programmes | H2020 collaboration network
Non-EU contribution
€ 0,00
DEQUE RESEARCH BV

Net EU contribution
€ 310 542,75

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Rachmaninoffplantsoen 56
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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
H2020 collaboration network

Non-EU contribution
€ 133 089,75

AGENCIA PARA A MODERNIZACAO ADMINISTRATIVA IP

Net EU contribution
€ 48 631,25

Address
Rua Santa Marta 55 3
1150-294 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
Participation in EU R&I programmes
Participation in EU R&I programmes

H2020 collaboration network

Non-EU contribution

€ 0,00

EC signature date: 25 October 2017
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