Advanced Decision Support Tools for Scalable Web Accessibility Assessments

Fact Sheet

Project Information

**WAI-Tools**
Grant agreement ID: 780057

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

**Total cost**
€ 2 244 493,75

**EU contribution**
€ 1 999 812,00

**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 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
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

SME

Yes

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

Total cost

€ 564 648,75

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
HORIZON collaboration network
Total cost
€ 371,970.00

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
DIGITALISERINGSDIREKTORATET

Norway

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

Total cost

€ 207 750,00

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
- HORIZON collaboration network

Total cost
€ 23,490,00

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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

Total cost
€ 249,315,00

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THIRD-PARTY

FACULDADE DE CIENCIAS DA UNIVERSIDADE DE LISBOA

Portugal

Net EU contribution
€ 116,061,25

Address
CAMPO GRANDE C5 PISO 3
1749-016 Lisboa
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)

Total cost
€ 443 632,50

AGENCIA PARA A MODERNIZACAO ADMINISTRATIVA IP

Portugal

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
HORIZON collaboration network

Total cost
€ 48 631,25

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European Union, 2024