Advanced Decision Support Tools for Scalable Web Accessibility Assessments

Fact Sheet

Project Information

WAI-Tools
Grant agreement ID: 780057

DOI
10.3030/780057

Closed project

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) 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

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

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

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  

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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

Total cost
€ 23 490,00

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

Total cost
€ 249 315,00

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
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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
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