Advanced Decision Support Tools for Scalable Web Accessibility Assessments

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
Sub call
H2020-ICT-2017-1

Funding Scheme
IA - Innovation action

Coordinator

GEIE ERCIM
Net EU contribution
€ 564 648,00

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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

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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

Total cost
€ 371 970,00

STICHTING ACCESSIBILITY

Net EU contribution
€ 335 056,00

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Yes

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West-Nederland > Utrecht > Utrecht

Activity type
Other

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Activity type
Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
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Participation in EU R&I programmes
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Total cost
€ 207 750,00

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€ 23 490,00
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Activity type
FCIENCIAS.ID - ASSOCIACAO PARA A INVESTIGACAO E DESENVOLVIMENTO DE CIENCIAS

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Net EU contribution
€ 133 253,75

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Activity type
Research Organisations

Total cost
€ 249 315,00
Continente > Área Metropolitana de Lisboa > Área Metropolitana de Lisboa

Activity type
Higher or Secondary Education Establishments

Links
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Participation in EU R&I programmes
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Total cost
€ 116 061,25

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€ 310 542,75

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

Links
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HORIZON collaboration network

Total cost
€ 443 632,50

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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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