

DfA@eInclusion:

What you should know about Design for All (DfA) and Information and Communication Technologies (ICT)

■ What is Design for All?

Design for All is an important evolution throughout the world. Also in Europe policy and legislation is widely available aimed at stimulating a society in which every citizen is able to equally fulfil the roles they want to fulfil. In other words: the objective of DfA is inclusion, also for people with disabilities and the elderly. (European) Policy and legislation plays an important role in the DfA-developments and requirements.

■ Design for all and ICT

DfA related to ICT is aimed at the inclusion of as many user groups as possible. This is done by taking into account the user needs of different groups, including people with disabilities and elderly, when developing and producing ICT technology and products. ICT is any technology or product aimed at information and/or communication, both hardware and software. Besides websites, mobile telephones, PDA's and computers you can, for example, also think of cash machines and self-service pay devices in super markets.

■ This brochure

In this brochure information is displayed about Design for All and ICT. We have selected the most important articles, reports, websites, organisations and other publications for those people interested in learning about DfA and ICT. This selection took place in the scope of the European DfA@eInclusion-project and has been performed by a group of experts. Studying this selection provides you with the basic essentials on DfA related to ICT.

DfA and ICT

- DfA Principles
- Benchmarking
- Standardization
- Good Practices in DfA Training
- Policy & Legislation
- Technological Development

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Information Society
Technologies

■ Thematic areas

The following thematic areas concerning DfA and ICT are presented in this brochure:

- DfA Principles
- Benchmarking
- Standardization
- Good practices in DfA Training
- Policy & Legislation
- Technological Development

Some resources are on one of these thematic areas, others are on multiple areas. The thematic areas of your interest are easily recognized by color.

■ Colophon

Enid Reichrath (Next Generation 4all B.V.)

Harry Knops (Next Generation 4all B.V.)

Christian Bühler (Forschungsinstitut Technologie und Behinderung)

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DfA Principles

Website

Title	EDeAN- Design for All Education and Training Resource
URL	http://www.edean.org/
Target Groups	Educators, students, researchers, industry, policy makers
Keywords	Design for all, Education, Training

Book

Title	User interfaces for all - Concepts, Methods, and Tools
Author	Constantine Stephanidis (ed.)
Publisher	Lawrence Erlbaum Associates
Year	2001
URL	http://www.xn--mxaaagdhca3aeujpgxb1al0bfgtp0b.gr/ics//hci/publications/book.html
Target Groups	Educators, industry, researchers, students
Keywords	User interface, Method, Human computer interaction

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Benchmarking

Report

Title	MeAC Report: E-Accessibility in Europe is limited
Author	Empirica Communication and Technology Research, Bonn & Work Research Centre, Dublin
Publisher	European Commission
Year	2008
URL	http://ec.europa.eu/information_society/activities/inclusion/library/studies/meac_study/index_en.htm
Target Groups	Industry, researchers, policy maker
Keywords	E-Accessibility, Benchmarking, EU

Project

Title	WAB Cluster - European web accessibility benchmarking cluster
Year	2005
URLs	http://www.wabcluster.org/ http://www.supporteam.org/Supporteam/Documentary/accessibility_policies.asp
Target Groups	Educators, students, researchers, industry, policy makers
Keywords	Benchmarking, Accessibility, Web Cluster

Standardisation

Websites/Organisations

Title	United States Access Board
Author	Federal Agency committed to accessible design
Year	2008
URL	http://www.access-board.gov/
Target Groups	Educators, industry, policy makers
Keywords	Accessibility, Telecommunication, Guidelines

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Title ANEC
Year 2008
URL <http://www.anec.org/anec.asp?lang=en&ref=00-00>
Target Groups Researchers, Policy makers, persons with disabilities
Keywords User involvement, Consumer Policy

Title Web Accessibility Evaluation Tools: Overview
Author Shadi Abouzahra and EOWG
Publisher W3C-WAI
Year 1994-2008
URL <http://www.org/WAI/ER/tools/>
Target Groups Industry, researchers, policy makers
Keywords Web Accessibility, WCAG, W3C guidelines

Title Work on Accessibility - Accessibility and Standardization
Author ITU-T SG 16
Year 2008
URL <http://www.itu.int/ITU-T/studygroups/com16/accessibility/index.html>
Target Groups Educators, students, researchers, industry, policy makers
Keywords Telecommunications, Total conversation

Title ISO/IEC JTC1 SWG-A-Accessibility
Author ISO
Year 2008
URLs http://www.jtc1access.org/documents/swga_docreg.htm
http://www.jtc1access.org/swga_home.htm
Target Groups Industry, researchers
Keywords Assistive Technology, Design for All products

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Good practices in DFA Training

Report

Title	D1.4a Summary of key findings from IDCnet
Author	Carlos Velasco (Ed.)
Publisher	IDCnet
Year	2004
URL	http://webcc.fit.fraunhofer.de/downloads/projects/IDCnet/IDCnet_D1.4a.pdf
Target Groups	Educators
Keywords	Higher education, Curriculum, Knowledge and skill sets

Journal articles

Title	Increasing the uptake of Inclusive Design in industry
Author	Joy Goodman, Hua Doong, Patrick Langdon, P. John Clarkson
Year	2006
Journal	Gerontology, Vol.5, No.3, pp 140-149; ISSN 1569-1101
Target Groups	Educators, industry, policy makers
Keywords	Training, Industry, Inclusive Design

Title	Inspiring inclusion - How RSA Design Directions encourage students to create universally accessible products
Author	Susan Hewer
Year	2006
Journal	Gerontology, Vol.5, No.3, pp 174-176; ISSN 1569-1101
Target Groups	Educators
Keywords	Training, Best practice

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Policy & Legislation

Internet blog and Websites

Title	E-Access
Author	e-Access Bulletin Live
URL	http://www.headstar.com/eablive/?p=159
Target Groups	Researchers, policy makers
Keywords	Accessibility, Telecommunication, Bulletin

Title	Communication "European i2010 initiative on e-Inclusion - to be part of the information society"
Author	European Commission
URL	http://ec.europa.eu/information_society/activities/einclusion/policy/i2010_initiative/index_en.htm
Target Groups	Industry, researchers, policy makers
Keywords	e-Inclusion, EU, Policy

Title	The convention on the rights of persons with disabilities
Author	United Nations
Year	2008
URL	http://www.un.org/disabilities/index.asp
Target Groups	Educators, researchers, policy makers
Keywords	Disability, UN, Development

Reports

Title	Communication on eAccessibility
Author	European Commission
Publisher	European Commission
Year	2005
URL	http://ec.europa.eu/information_society/activities/einclusion/docs/access/comm_ea_2005/com_2005-0425-f_en_acte.pdf
Target Groups	Industry, researchers, policy makers
Keywords	e-Accessibility, Legislation, EU

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Title Situation of disabled people in the European Union: the European Action Plan 2008-2009
Author European Commission
Publisher European Commission
Year 2007
URL http://ec.europa.eu/employment_social/index/com_2007_738_en.pdf
Target Groups Industry, policy makers
Keywords Disability, EU, Policy

Technological development

Books

Title Towards an inclusive future
Author Patrick R.W. Roe (Ed.)
Publisher Swiss Federal Institute of Technology of Lausanne and Laboratory of Electromagnetics and Acoustics (LEMA-EPFL)
Year 2007
URL http://www.tiresias.org/cost219ter/inclusive_future/inclusive_future_book.pdf
Target Groups Industry, researchers, , students
Keywords Technology, Inclusion, Telecommunication

Title The Human-Computer Interaction Handbook
Author Jacko, J. & Sears, A. (Eds.)
Publisher Lawrence Erlbaum Associates
Year 2007
URL <http://www.isrc.umbc.edu/HCIHandbook/>
Target Groups Industry, researchers, students
Keywords Human computer interaction

Website

Title Telecommunications for all
Author Patrick R.W. Roe (Ed.)
Publisher European Commission
Type Website
URL <http://speech.di.uoa.gr/hestia/books/telecomm/indeks.html>
Target Groups Industry, researchers, students
Keywords Telecommunication, Disability, User needs

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Journal article

Title Unified User Interface Design: Designing Universally Accessible Interactions
Author Savidis, A., & Stephanidis, C.
Publisher International Journal of Interacting with Computers
Year 2004
Type Journal article
URL <http://delos.di.uoa.gr/downloads/publications/Unified.pdf>
Target Groups Industry, researchers, students
Keywords Design for all, Design method

Multiple thematic areas

Journal article

Title Universal Access to Ambient Intelligence Environments: Opportunities and Challenges for People with Disabilities
Author Emiliani, P.L., Stephanidis, C.
Publisher IBM Systems Journal, special issue on Accessibility, 44 (3)
Year 2005
URL <http://www.research.ibm.com/journal/sj/443/emiliani.pdf>
Target Groups Educators, students, researchers, industry, policy makers
Keywords Design for all, disability, ambient intelligence
About DfA Principles, Technological development

Websites/ Organisations

Title HCI Bibliography: Human Computer Interaction Resource
Author Several contributors
Year 2009 (last modified)
URL <http://hcibib.org/accessibility>
Target Groups Educators, industry, researchers, students, policy makers
Keywords Accessibility, guidelines, standards, product descriptions
About DfA Principles, Good practices in DfA Training

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Title The TRACE Center, University of Wisconsin
URL <http://trace.wisc.edu/>
Target Groups Educators, students, researchers
Keywords Disability, Design for All
About DfA Principles, Benchmarking, Standardization, Technological development

Title EIDD - Design for All Europe
Author Finn Petré
URL <http://www.designforalleurope.org>
Target Groups Educators, industry, students, researchers, policy makers
Keywords Design for All, Policy and Legislation, Standardization
About DfA Principles, Benchmarking, Good Practices in DfA Training, Policy & Legislation, Standardisation, Technological Development

Title Introducing Accessibility
Author W3C-WAI
Year 1994-2008
URL <http://www.w3.org/WAI/gettingstarted/Overview.html>
Target Groups Educators, industry, students
Keywords E-Accessibility
About DfA Principles, Standardization, Technological development

Title Web Accessibility Initiative (WAI)
Year 2008
URL <http://www.w3.org/WAI/>
Target Groups Industry, researchers, students, policy makers
Keywords Guidelines, standards
About Benchmarking, Standardisation

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Title Evaluating Web Sites
Author Shadi Abouzahra and EOWG
Publisher W3C-WAI
Year 1994-2008
URL <http://www.w3.org/WAI/eval/>
Target Groups Industry, researchers, policy makers
Keywords Web Accessibility, WCAG, W3C guidelines
About Benchmarking, Standardisation

Title The Academic Network of European Disability Experts (ANED)
URL <http://www.disability-europe.net/?jsEnabled=1>
Target Groups Educators, researchers, policy makers,
Keywords Disability, Policy
About Benchmarking, Standardisation, Policy & Legislation

Title Web Accessibility Consultancy Services
Author RNIB: supporting blind and partially sighted people
Year 2008
URL http://www.rnib.org.uk/xpedio/groups/public/documents/-publicwebsite/public_webaccessservices.hcsp
Target Groups Industry, researchers, students, policy makers
Keywords Accessibility, standards, training
About Benchmarking, Standardization, Policy & Legislation

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Title RNIB Scientific Research Unit's website, Tiresias
Author Dr. John Gill
Year 2009
URL <http://www.tiresias.org/> and <http://tiresias.org/research/standards/index.htm>
Target Groups Industry, researchers, students, policy makers
Keywords Accessibility, standards, Design for All, Assistive Technology
About Benchmarking, Standardisation, Good practices DfA Training, Policy & Legislation, Technological Development

Title WebAIM
Year 1999-2009
URL <http://www.webaim.org>
Target Groups Industry, researchers, students
Keywords Accessibility, Training
About Benchmarking, Good practices in DfA Training

Title Web Standards Curriculum
Author Opera Software ASA
Year 2008
URL <http://dev.opera.com/articles/wsc> and <http://dev.opera.com>
Target Groups Educators, industry, students
Keywords Standards, Web
About Standardisation, Good practices in DfA training

Title WAI presentations - Presentation material designed for other to use
Author Judy Brewer and EOWG Participants
Publisher W3C-WAI
Year 1994-2008
URL <http://www.w3.org/WAI/presentations>
Target Groups Educators, students
Keywords Web Accessibility
About Standardisation, Policy & Legislation

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Title Introduction to The Web Standards Curriculum / Table of Contents
Author Chris Mills
Publisher Opera Software ASA
Year 2008
URL <http://dev.opera.com/articles/view/1-introduction-to-the-web-standards-cur>
Target Groups Educators, students
Keywords Standards, Web, Opera
About Standardisation, Good practices in DfA training

Title Why Standards Harmonization is Essential to Web Accessibility
Author Judy Brewer and EOWG Participants
Publisher W3C-WAI
Year 2006
URL <http://www.w3.org/WAI/Policy?harmon>
Target Groups Educators, researchers, students
Keywords Standards, Web
About Standardisation, Good practices in DfA, training, Policy & Legislation

Title Full Web Building Tutorials
Author W3 Schools
Year 1999-2008
Type Website
URL <http://w3schools.com>
Target Groups Students, industry
Keywords Online training, Web Building
About Standardisation, Good practices in DfA training, Policy & Legislation

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Proceedings and other Publications

Title	The concept of universal design
Author	Edward Steinfeld
Year	1994
URL	http://www.ap.buffalo.edu/idea/Publications/The%20concept%20of%20Universal%20Design.htm
Target Groups	Educators, industry, researchers, students
Keywords About	Design for All, Universal Design DfA Principles, Technological development

Title	Design for All in information technology: An Universal Concern
Author	Jenny Darzentas, Klaus Miesenberger
Publisher	Springer Berlin / Heidelberg
Year	2005
URL	http://www.springerlink.com/content/bw7p6x2leuq6nama/
Target Groups	Educators, industry, researchers, students, policy makers
Keywords	E-Accessibility, Design for All, ICT
About	DfA Principles, Technological Development

Email Contact

■ EDeAN Secretariat
secretariat@edean.org
URL: www.edean.org

■ Project Coordinator
DfAateinclusion @ifac.cnr.it
URL: www.dfaei.org

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