

Curriculum requirements for ICT adoption of a Design for All approach, EDeAN Experiences



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Design for All for eInclusion DfA@eInclusion

What is the urgency for Universal Design in ICT?

Technology changing faster that we can digest it as a culture

- **Display and Content cleverly mixed up**
- **Mobile devices ubiquitous**
- **Different browsers & OS**
- **Changing input and output (touchscreens)**
- **Display sizes and devices**
- **Web 2.0/AJAX/XML/RDF/...**
- **Compliance issues**

Design for All for eInclusion DfA@eInclusion

WP5- Liaison with industry

- To extend the uptake of DfA within the ICT industry in Europe
 - Making suitable training materials ready to support industry adoption
 - Standardisation activities i.e. CEN Workshop Agreement

WP5- Liaison with industry

- **Workshop September 2007**
 - **- topics**
- **Interdisciplinary cluster**
 - **Gather and evaluate e-accessibility training materials for industry**
- **Workshop Spring 2009**
 - **Test & organize**
- **CEN workshop template**
- **White Paper**

Interdisciplinary cluster

- Current members:
 - SME's (Bank of Ireland, Iskratel)
 - Industry giants (SAP, IBM, Nokia, British Telecom)
 - DfA consultants and professional advocates (Centre for Excellence in Universal Design, Designed for All Ltd, The Royal Society for the encouragement of Arts, Manufactures & Commerce (RSA))
 - DfA consortium members
- EU member-states represented: Belgium, The Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Lietuva, Malta, Norway, Slovakia, Slovenia, Sweden, and the United Kingdom.

Industry Workshop

Workshop:

Paths to support adoption of a
Design for All approach in ICT industries

September 24th – 25th, 2007

FIT

Schloss Birlinghoven, Sankt Augustin,
Germany



The workshop participants consisted of three groups:

- Representatives from ICT industry – 13 participants
- Members of the DfA@eInclusion consortium – 22 Participants
- A representative the CEN -the European Committee for Standardization
- A representative of the European commission

Training Matrix

Actors →	Manager		Software & Hardware Developer	Designer	Reviewer & Tester (QA)	Marketing & Communications	HR
Topics ↓	Executive	Middle					
Consumer groups	F	M	D	D	D	M	F
UI	F	M	D	M	M	F	F
Backend technologies	F	M	D	D	D	F	F
Web Applications	F	F	D	D	D	F	F
User centric design	F	M	D	D	D	M	F
Evaluation issues	F	F	D	D	D	F	n/a
AT and state of the art	F	F	M	D	D	F	F
New paradigms for interaction (smart homes clothes carsÉ)	F	F	M	M	F	F	n/a
Best Practices	M	M	D	D	D	D	n/a
Standardization ²	F	F	D	D	D	F	n/a
Business Case	M	D	F	F	F	D	n/a
Privacy and Ethics	D	M	F	M	D	D	F
Legal Issues	M	M	F	F	F	M	D

**Legend (training type): F = Fact (overview) ; M = Middle ;
D = Detailed (deep, practitioner level) n/a = not applicable to this group**

CEN Process

CEN workshop process entails several steps:

1. The creation of a proposals for the workshop
 2. development with the CEN organization of a 'business plan'
 3. a meeting to start the workshop process with interested stakeholders
 4. adoption of the resultant documents thru consensus
 5. publishing of a CEN workshop agreement.
- The actual CEN process will start with the second workshop
 - The procedure requires a chair; after initial interest is confirmed, a representative of CEN will assist in the process.
 - CEN Member is funded to take the secretariat of that Workshop.
 - Funding needs to be provided by sponsor organizations or by the Workshop participants.

Soliciting material

- **Help us with your training material**
- **You could join the interdisciplinary cluster**
- **Questions? - stefan.carmien@fit.frunhofer.de**