Certification and reporting for Accessiblity

with a sidestep to public procurement

Klaus Hoeckner

Austrian Association Supporting the Blind and Visually Impaired aka Hilfsgemeinschaft

Austrian Disability Forum (OBR)

Austrian Computer Society (OCG)

International Association of Accessibility Professionals (IAAP)

Vienna
Washington D. C.

Hilfsgemeinschaft
der Blinden und Sehschwachen Österreichs

Österreichischer
Behindertenrat

OESTERREICHISCHE
COMPUTER GESELLSCHAFT
AUSTRIAN
COMPUTER SOCIETY

Overview

- **WAD: W**(eb)**A**(accessibility)**D**(irective) and WADcher
- **WACA: W**(eb)**A**(ccesiblity)**C**(ertificate)**A**(Austria)
- **DACH IAAP: D**(eutsch)**A**(ustria)**CH**(Switzerland) Chapter of **I**(nternational)**A**(association of) **A**(ccessiblity)**P**(rofessionals)
- **CWAE: C**(ertificate)**W**(eb)**A**(ccessiblity)**E**(xpert)
- **EN 301549**

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W(eb) A(ccessiblity) D(irective)

- So called Webzugänglichkeitsgesetz has passed the consultation phase by 9.1.2019 through the Austrian Parliament is now in the Ministry of Digitalisation
- Refers technically to W3C WCAG 2.0 AA with a reference to the HEN 301549 (that is in adaptation process now to W3C WCAG 2.1) - HEN – Harmonized Norm
- Has to be implemented by the DIA, which is at the moment in the process of building up the ressources. The DIA is the Digitalization Agency in Austria, responsible on a national level for all ministries and agencies
- How many – for the first reporting period:

Simplified Tests	In-Depth Website Test	In-Depth Mobile Test
251	23	15

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WADcher - Web Accessibility Directive Decision Support Environment
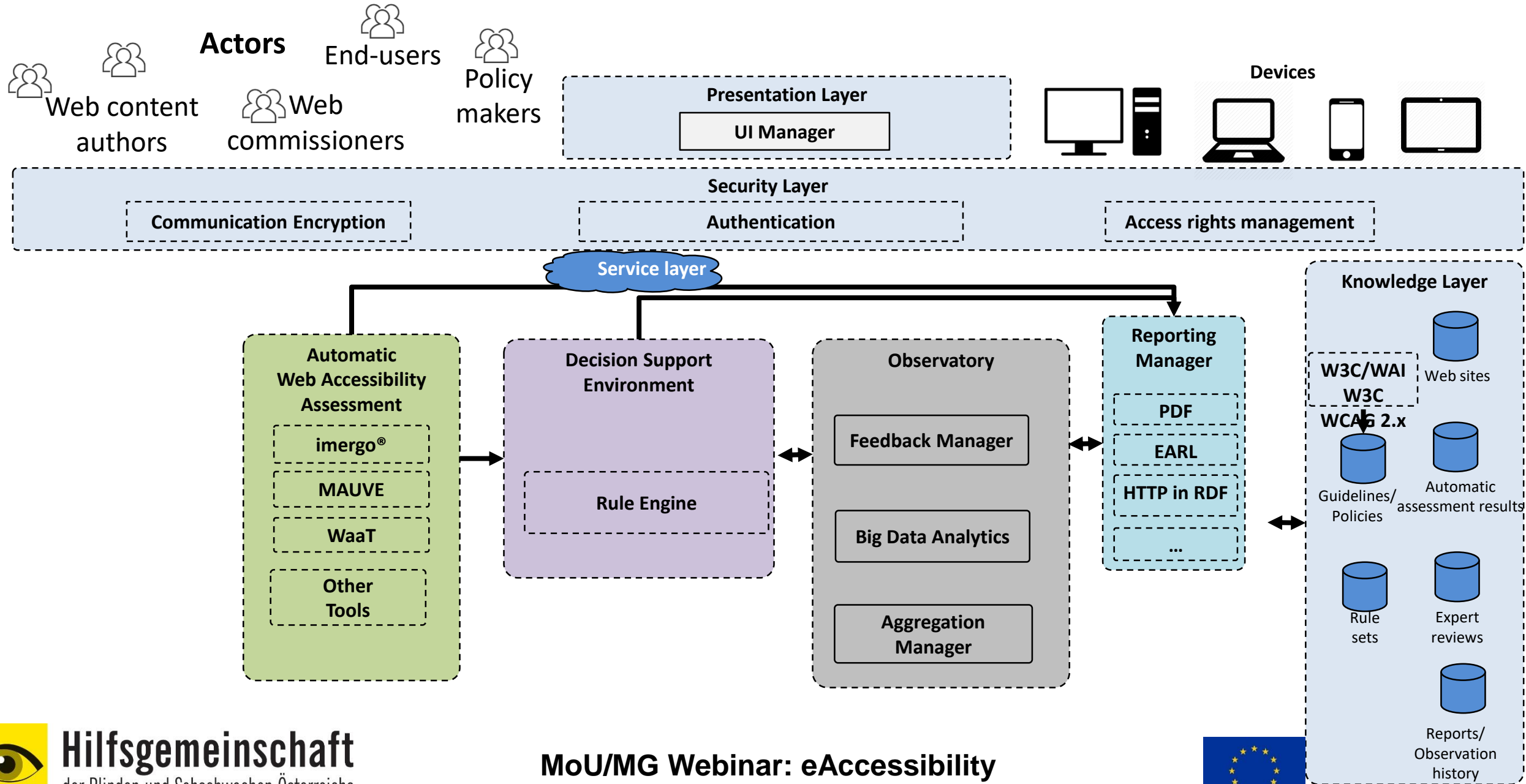
- **AIM**
  - Research, develop and demonstrate an innovative Decision Support Environment for large scale hybrid web accessibility assessment services
- **Objectives**
  - Build a large-scale accessibility assessment infrastructure
  - Develop and demonstrate advanced decision support tools for assisting developers and designers to create accessible assets
  - Implement a web accessibility observatory platform for hybrid combination of automatic/expert reviews
  - Validate WADcher results in real settings pilots
  - Develop methods and tools with which organizations can measure the evidence, accuracy and quality of testing results
  - Liaise with relevant standardisation bodies and create needed impact through proactive dissemination and exploitation
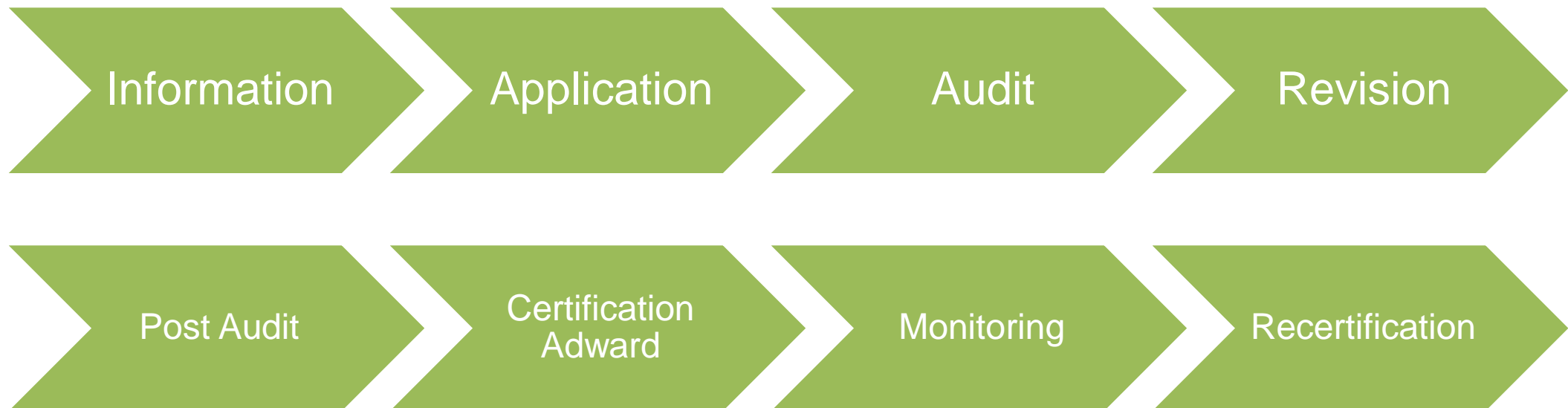
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WADcher - Web Accessibility Directive Decision Support Environment

Actors

End-users

Web content authors

Web commissioners

Policy makers

Devices

Presentation Layer

UI Manager

Security Layer

Communication Encryption

Authentication

Access rights management

Service layer

Automatic Web Accessibility Assessment

imergo®

MAUVE

WaaT

Other Tools

Decision Support Environment

Rule Engine

Observatory

Feedback Manager

Big Data Analytics

Aggregation Manager

Reporting Manager

PDF

EARL

HTTP in RDF

...

Knowledge Layer

W3C/WAI
W3C
WCAG 2.x

Web sites

Guidelines/ Policies

Automatic assessment results

Rule sets

Expert reviews

Reports/ Observation history

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WACA – Web Accessibility Certificate Austria

- Independent certification body: Austrian Computer Society (OCG)
- W3C WCAG compliant, 3 levels: Gold – Silver – Bronze
- Sign of compliance through quality seal on the certified website
- Validity of 2 years, then recertification is required
- Independent, certified experts carry out the audits

Information	Application	Audit	Revision

Post Audit	Certification Adward	Monitoring	Recertification

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CWAE – Certified Web Accessibility Expert

- **Certification scheme according to ISO/IEC 17024**

- **Established in Austria in cooperation with the Austrian Chamber of Commerce –**
  In practice with its subsidiary company Incite, which is responsible for certification for companies and persons in the field of ICT and consulting

- **Personal certification scheme for experts that requires to have at least experience**
  (namely in the form of 2 real projects, that have to be presented in front of a certification commission) **and education in the field of Web Accessibility**

- **Possible to acquire the certificate directly by the candidate him/herself –**
  However, if support to upgrade existing competences and skills is needed, a 3-day-course for refreshing the knowledge is offered

DACH Chapter of IAAP

- Background are existing chapters in UK and Scandinavian countries (Nordic chapter)

- Establishment of an certification for persons divided into to different roles:
  - WAS (technical) – Web accessibility Specialist
  - CPACC (managerial) - Certified Professional in Accessibility Core Competencies

- With regard to the situation in the german-speaking countries (laws, regulations (Germany BITV), translation

- Own organisation with a board of council, balanced between industry and organisations for persons with disabilities – led by T-Systems

- D – A – CH : each country is represented in the board (D:Germany, A:Austria, CH: Switzerland)

- Establishment by the end of the year

Public Procurement Directive – Who-how-when-what
HEN 301 549: Accessibility requirements for procurement of ICT products and services in Europe

- Public sector (and beyond)
- National implementation • January 1, 2017
- ICT in general
- W3C WCAG 2.1 level AA
- Indicated as minimum requirements
- Covers:
  - Built environment requirements like
    - Placement
    - How to reach a machine etc
  - Software requirements as formulated in WCAG 2.1
    - Text size, Placement, T2S etc

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**Public Procurement Directive – Who-how-when-what
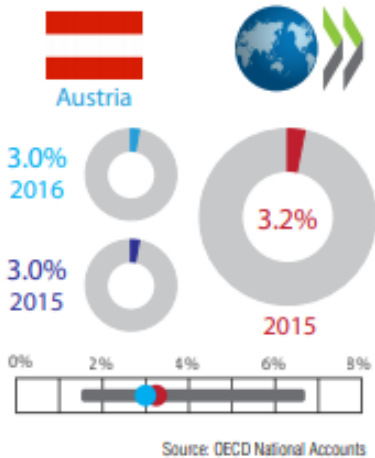EN 301 549: Accessibility requirements for procurement of ICT products and services in Europe**

- It covers not just web content and web applications.

- It covers requirements for
  - **real-time voice communication,**
  - **video captioning and audio description,**
  - **hardware,**
  - **web content,**
  - **general software,**
  - **and documents.**

The standard EN 301 549 is being revised to include the success criteria of W3C WCAG 2.1. It acts as the technical benchmark for the Web Accessibility Directive of the European Commisson.

- ## Public Procurement makes the difference
  (source:https://www.oecd.org/gov/gov-at-a-glance-2017-austria.pdf)
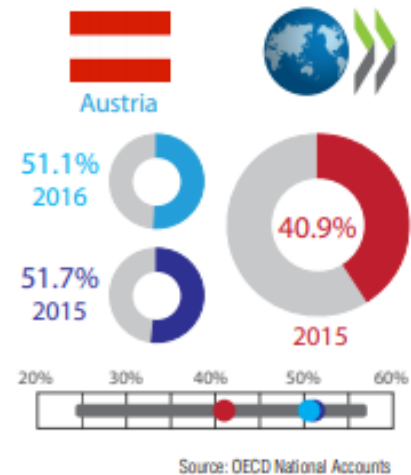
Government expenditures (2015, 2016)
% of GDP

Austria

51.1% 2016
51.7% 2015
40.9%
2015

Government investment (2015, 2016)
% of GDP

Austria

3.0% 2016
3.0% 2015
3.2%
2015
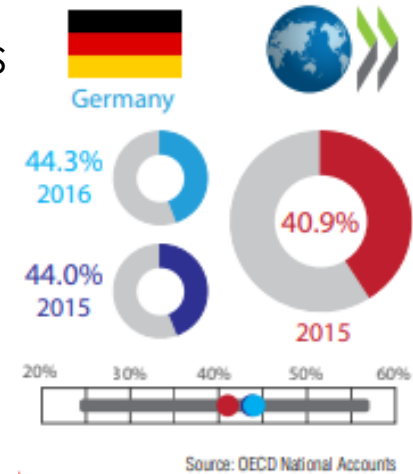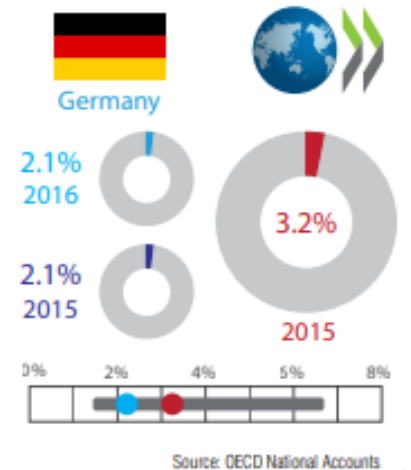
- Support for procurers
- Equal oportunities for suppliers
- Knowledge will spread
- We already see the trend

Government expenditures (2015, 2016)
% of GDP

Germany

44.3% 2016
44.0% 2015
40.9%
2015

Government investment (2015, 2016)
% of GDP

Germany

2.1% 2016
2.1% 2015
3.2%
2015

Source: OECD National Accounts

Austria

Germany

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Q & A

Thanks/Merci/Danke/Gracias

hoeckner@hilfsgemeinschaft.at

@Khoeckner

+43 1 330 35 45 – 24

hoeckner@hilfsgemeinschaft.at

http://www.linkedin.com/in/hoeckner

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