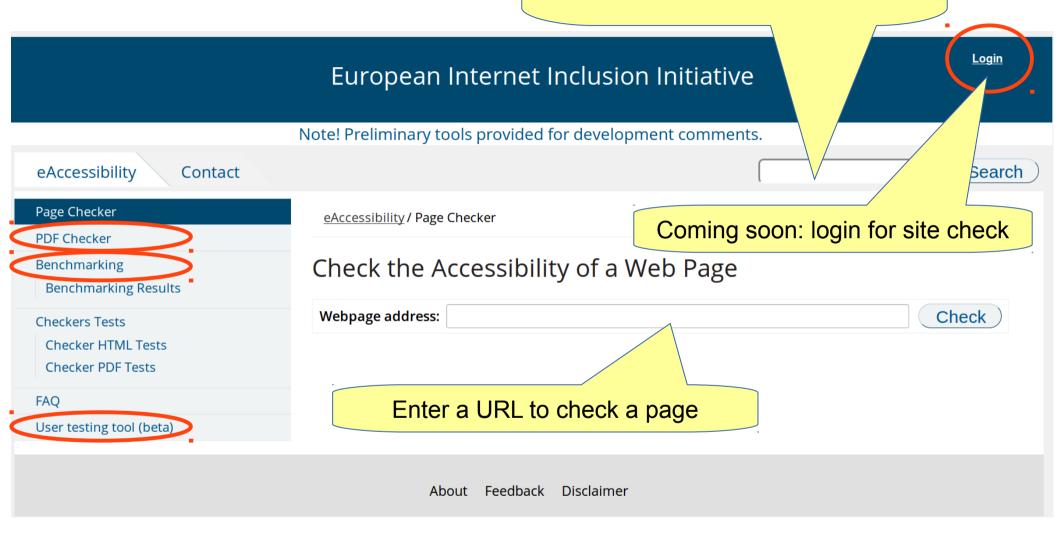
# Benchmarking results from 1000 European websites

Mikael Snaprud
Tingtun AS and University of Agder



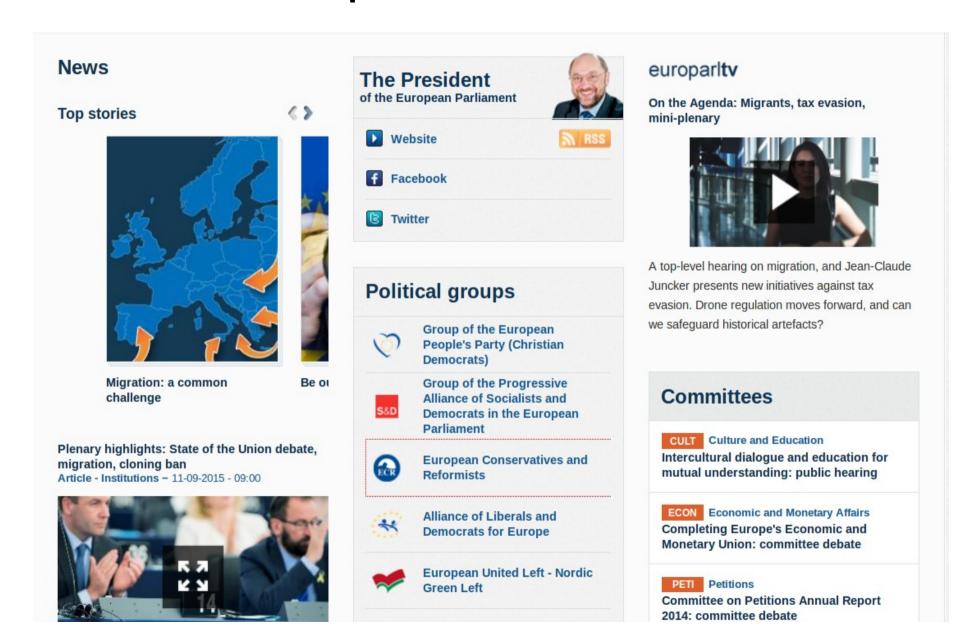
## checkers.eiii.eu

Search in: W3C/WAI, eAccess+, EIII FAQ about tools and how to fix.

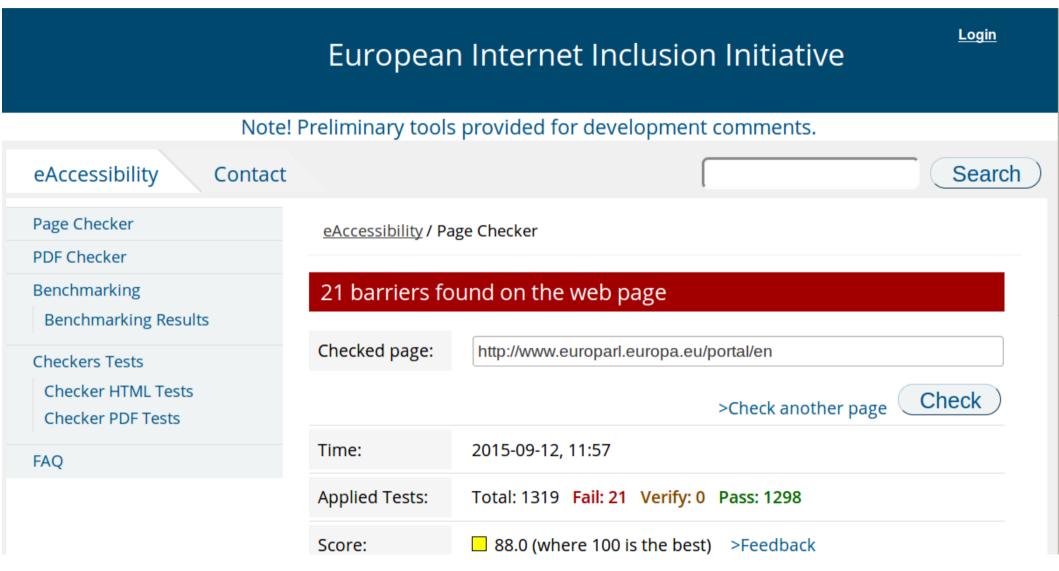


Checkers to evaluate webpage, website, PDF and Beta version of User testing tool

## European Parliament

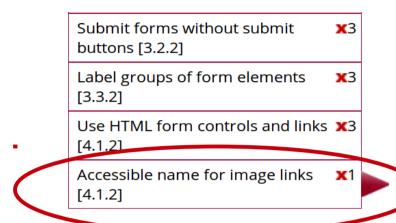


## Barriers found on European Parliament, September 2015

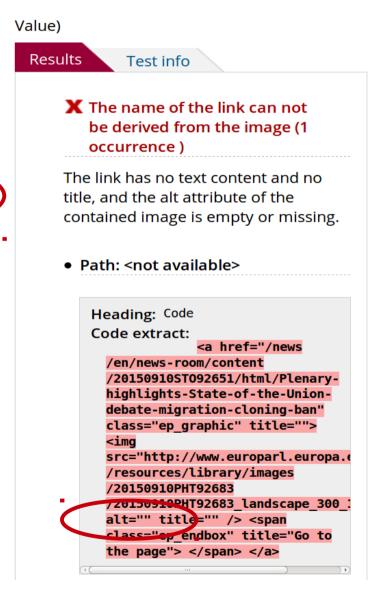


http://checkers.eiii.eu

## Accessible name for image links



**F89:** Failure to meet SC 4.1.2, since alternative text is empty for the linked image, where the image is the only content of the link.



#### News

#### Top stories



Migration: a common challenge

Be or

63

Plenary highlights: State of the Union debate, migration cloning pan Article - Institutions - 11-09-2015 - 09:00



Sakharay Prize: nominations for 2015 anveiled Article - Human rights - 10-09-2015 - 15:32

#### The President of the European Parliament



Website



**f** Facebook

Twitter

#### **Political groups**



Group of the European People's Party (Christian Democrats)



**Group of the Progressive** Alliance of Socialists and Democrats in the European Parliament



**European Conservatives and** Reformists



Alliance of Liberals and **Democrats for Europe** 



**European United Left - Nordic Green Left** 



The Greens/European Free Alliance



**Europe of Freedom and Direct Democracy Group** 

#### europarltv

On the Agenda: Migrants, tax evasion, mini-plenary



A top-level hearing on migration, and Jean-Claude Juncker presents new initiatives against tax evasion. Drone regulation moves forward, and can we safeguard historical artefacts?

#### Committees

CULT Culture and Education

Intercultural dialogue and education for mutual understanding: public hearing

**ECON** Economic and Monetary Affairs

Completing Europe's Economic and Monetary Union: committee debate

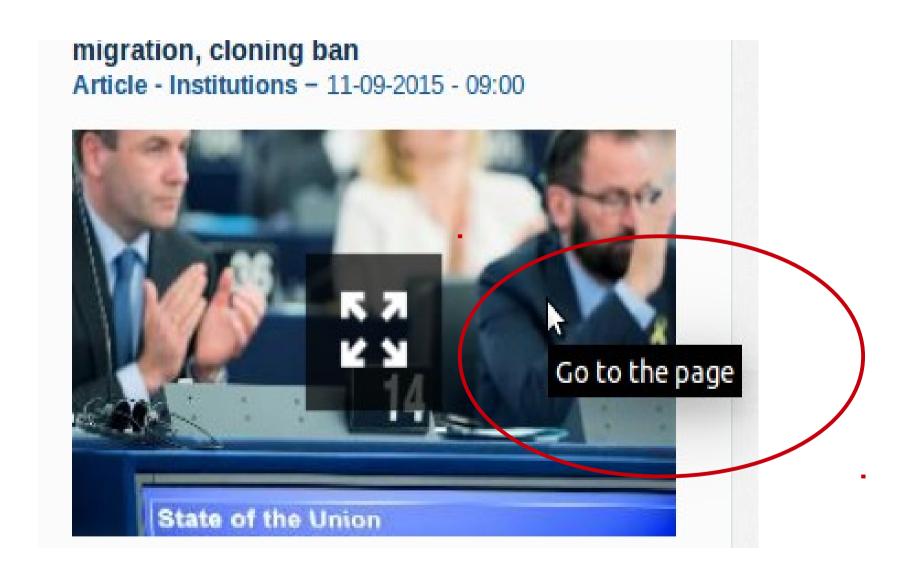
PETI Petitions

**Committee on Petitions Annual Report** 2014: committee debate

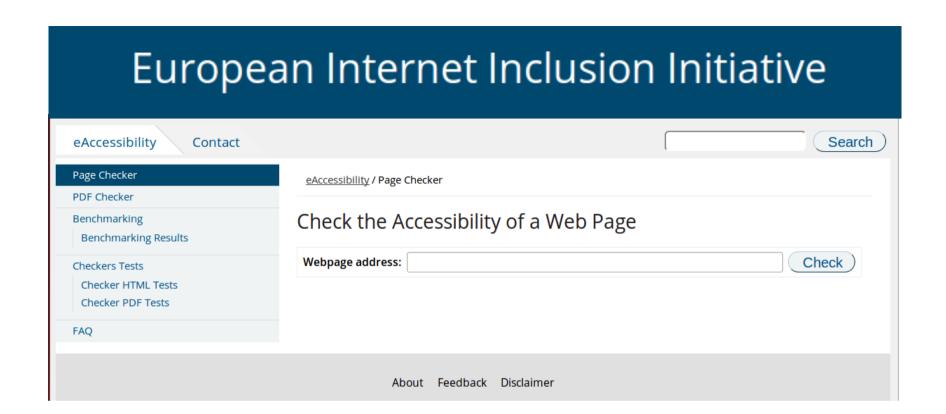
**BUDG** Budgets

CONT Budgetary Control

Performance-based budgeting: committee debate with Commissioner



Link title not helpful for navigation



## EIII software components

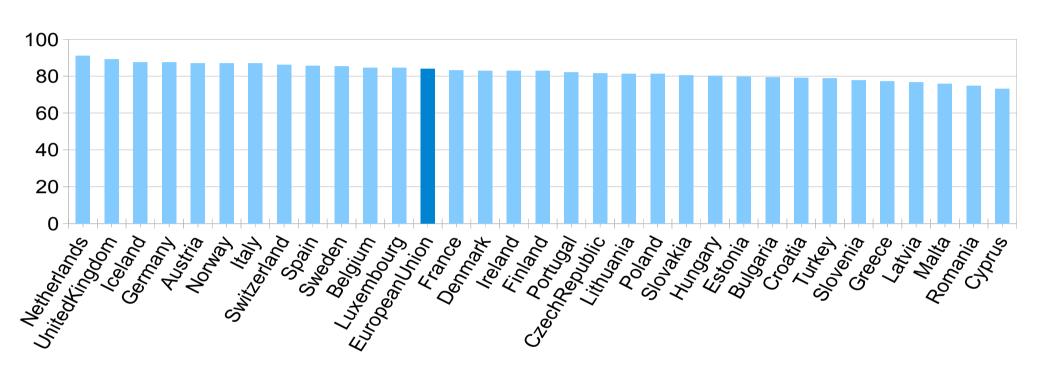
- Open source
- Scalable to cover more sites and more tests
- Deals with dynamic content
- Tests specified in W3C community called Auto WCAG

## Benchmarking results 1065 European websites September 2015

## Please note:

- The score is based on tests carried out automatically
- About 20% of the conceivable tests can be automated
- Pages may contain barriers not found by EIII checker
- The EIII tool covers a part of these tests
- Current tests at http://checkers.eiii.eu/en/tests/

## Average score (EU-countries +)



## Setup

Sites from EC eGov benchmarking report (2012) 30 sites per country 37 tests applicable

## Scope

1065 Sites 540 000 Pages 180 Million tests

#### **Scores**

Country score: 72 to 91 Site score: 45 to 99

Avg site score: 82

## The highest and the lowest scores

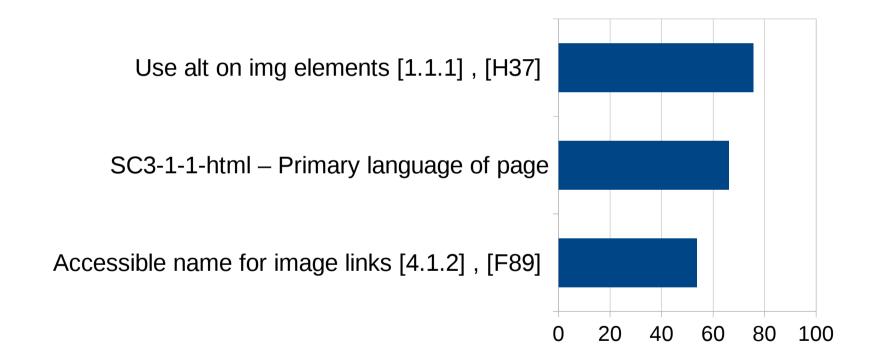
### 10 highest scores

#### 10 lowest scores

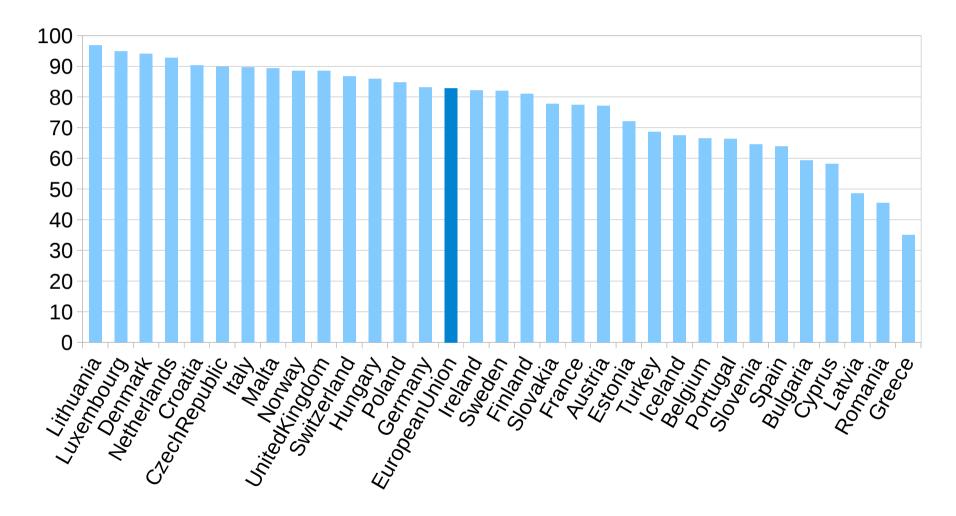
Rank	Site	Score				
1	www.thamesvalley.police.uk	99	1054	www.utcb.ro	54	2015-07-11
			1055	www.upv.es	<b>5</b> 3	2015-07-16
2	www.renswoude.nl	99	1056	www.teilar.gr	<b>5</b> 2	2015-07-11
3	<u>www.hafnarfjordur.is</u>	99	1057	www.vmsfondas.lt	<b>5</b> 2	2015-07-16
4	www.sintlukas.be	99	1058	www.borrowbooks.ie	<b>5</b> 2	2015-07-11
5	www.starfatorg.is	99	1059	www.lakatamia.org.cy	<b>5</b> 1	2015-07-11
6	www.medioambientecantabria.es	99	1060	www.usab-tm.ro	<b>5</b> 0	2015-07-17
7	www.uithoorn.nl	99	1061	www.sais.ee	<b>5</b> 0	2015-07-16
8	www.police.public.lu/fr	99	1062	www.soapo.sk	<b>5</b> 0	2015-08-08
			1063	www.freguesiadetocha.pt	<b>4</b> 9	2015-08-25
9	<u>www.syslumenn.is</u>	99	1064	www.sjukrahusfsn.is	<b>4</b> 7	2015-07-16
10	www.kopavogur.is	99	1065	www.vardakeio.gr/all.htm	<b>4</b> 6	2015-08-07

List online http://checkers.eiii.eu/en/benchmarking/

# Percentage pass or to be verified of 3 tests on all sites



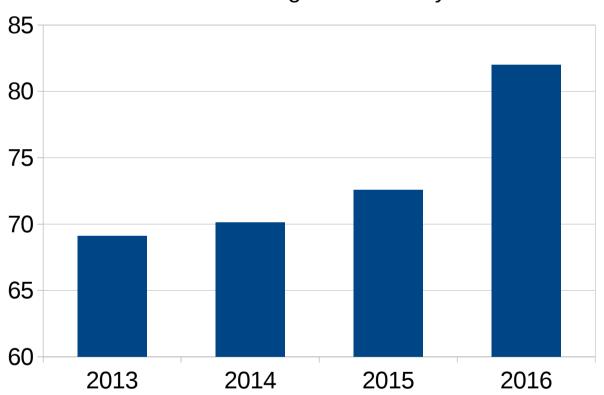
# Percentage of image elements with descriptions



Use alt on img elements [1.1.1], [H37]

# Accessibility score development in Qatar

Annual average accessibility score



"using this tool definitely makes it easier to advocate for change and to educate developers about web accessibility."

Michael Park
Mada Qatar Assistive Technology Center

Yearly average of about 100 selected sites since 2013 Evaluations carried out monthly Changes in tests and sites for 2016



Welcome to the United Nations





Home ▼ Content ▼ Navigation ▼ Design ▼ Scripts & Forms Site Validation

## Validation Procedures

The validation procedures use the Firefox add-ons:

- Web Developer Toolbar
- Juicy Studio Colour Contrast Analyser

Below is a short list of additional test tools with similar functionalities that could be used to complete the evaluation of your site.

- WAVE (Web Accessiblity Evaluation Tool)
- European Internet Inclusion Initiative

## Use cases for automated testing

- Larger amounts of data to
  - Explore status
  - Compare countries or vendors
- Test periodically to monitor changes over time
- Test on demand to support
  - Software development
  - Procurement
- Combine automatic and manual testing to
  - Focus manual testing on sites or pages with changes
  - Cover more tests (on fewer pages)

Try it out www.checkers.eiii.eu

Contact:
mikael.snaprud@tingtun.no
www.tingtun.no