E^{2}SWITCH

Energy Efficient Tunnel FET Switches and Circuits

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Funding Scheme:	Collaborative project
Thematic Area:	Energy efficient switch, tunnel FET, nanotechnology III-V, SiGe and Ge, low power integrated circuits, digital and analog/RF circuits, CMOS, simulation and modeling of nano-electronic devices & circuits
Project start date:	01-11-2013

Deliverable D7.1	Website (first preliminary version)

Nature[1]:	O
Dissemination level[2]:	PU
Due date[3]:	M03
Date of delivery:	M01 (website online), M05 (deliverable v1), M15 (deliverable v2.2)
Lead partner:	SCIPROM
Contributing partners:	EPFL
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[1] R = Report, P = Prototype, D = Demonstrator, O = Other

[2] PU = Public, PP = Restricted to other programme participants (including the Commission Services, RE = Restricted to a group specified by the consortium (including the Commission Services), CO = Confidential, only for the members of the consortium (including the Commission Services)

[3] Measured in months from the project start date (M01)

Revision history

Version	Date	Author	Comment
0.1	26-02-2014	P. Ulrich	First draft
1.0	14-03-2014	K. Leufgen, A. Ionescu	Final revision and approval by AI
2.0	24-11-2014	K. Leufgen	Correction of table of contents as requested at the first review meeting
2.1	01-12-2014	K. Leufgen	Correction of deliverable number of management guidelines (p. 5)
2.2	30-01-2015	K. Leufgen	Correction of deliverable number of management guidelines (p. 4)

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Contents

Summary

This deliverable presents the E^{2}SWITCH website. The **E^{2}SWITCH website** is divided into a public and a consortium-internal part. The public website which is described here gives general information on the project and its objectives and published results as they become available. The consortium-internal part ("Members Section") is described in D8.1 "Management tools and guidelines".

1   Introduction

Web presence is a central element in the dissemination activities of the E^2SWITCH project. This document describes the structure, the content and the update process for the E^2SWITCH website. The website is available at http://www.e2switch.org and includes two separate sections:

- A public area intended for dissemination and networking purposes;

- A restricted area (members section), intended for support of day-to day activities of the consortium. The consortium-internal part is part of the WP Management and has been described in D8.1 "Management tools and guidelines".

The public website will contain:

- Both a general presentation of the project objectives and a more scientific overview of the project objectives and potential results;

- A presentation of the different participating partners, their role and competences;

- A contact page;

- A news section, which is regularly updated with events and published results/links to publications.

A **first version** of the **public website** had been created with the aim to present the essential information on one page as soon as possible. This version had been **published** in **M01**.

The first **full version** will be published in M06.

The E^2SWITCH website will be maintained and regularly updated by SCIPROM; more pages will be implemented as the project develops, for example presenting project results and publications. The Dissemination manager (LUND) and all other partners will assist SCIPROM in submitting relevant news and other project related material. All E^2SWITCH Participants are committed to link to the website from their own institutional websites to increase the page ranking in search engines such as Google.

1.1   Initial version

A screenshot of the initial version of the website (M01) is shown in Figure 1. This version already contained the final E^2SWITCH logo as approved by all partners.

Figure 1: First version of the website published in M01.

2 Technical Implementation

The website is built with standard compliant HTML5 and CSS3. In general the current and prior major release of Chrome, Firefox, Internet Explorer and Safari are supported on a rolling basis. Older releases of browsers, in particular Internet Explorer are also supported through graceful degradation. Dynamic content is integrated through a combination of Javascript (client side scripting) and PHP (server side scripting) as appropriate.

2.1 Hosting

The website is hosted by Infomaniak (www.infomaniak.com), which is the largest Swiss webhoster (see http://http://www.webhosting.info/webhosts/tophosts/Country/CH). Infomaniak guarantees the following performance:

- Disk Space for Web Hosting: 60 GB
- Monthly traffic: Unlimited
- Guaranteed bandwidth: 100Mbit/s

- Guaranteed uptime: 99.99%

2.2 Shared server environment

- Linux, 64 bit (operating system)
- Apache 2.x (HTTP server)
- PHP 5.3.x (server scripting language)
- MySQL (databases)

2.3 Back-up and Security

The active web sites and email are backed up once a day every day and 7 backups are saved by Infomaniak. MySQL data is backed up daily as well by other procedures and saved at the root of the FTP server, in the/backup_mysql directory. The data is backed up in two geographically separated data centres.

2.4 Search engine optimisation and visitor statistics

The website has been optimised for indexing by search engines. Search engine optimisation (SEO) includes use of meta tags, keywords, semantically correct HTML, links to the site from partner websites, a site map, etc.

Page visits are registered and regularly analysed for average stay time, bounce rate, geographic location and other parameters. Based on the access statistics the websites will be further optimised.

3 Conclusion

The E²SWITCH website has been made available to the public. It fulfils the requirements described in the preliminary plan for use and dissemination of foreground that is part of the DoW.