



D4.1 DEPLOYMENT OF DEMONSTRATION PLATFORM FINISHED

ADDITIONAL REPORT

PROJECT

Acronym: **Graffolution**

Title: ***Awareness and Prevention Solutions against Graffiti Vandalism in Public Areas and Transport***

Coordinator: SYNYO GmbH

Reference: **608152**

Type: Collaborative project

Programme: FP7-SEC

Theme: SEC-2013.7.2.1 – Open Topics for Small & Medium Enterprises for frequent petty crimes that are of high impact to local communities and citizens

Start: March, 2014

Duration: 24 months

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Union Internationale des Chemins de Fer, Security Division, France, (UIC)
Eticas Research & Consulting, Spain (ETICAS)

DELIVERABLE

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1 INTRODUCTION

D4.1 discloses work package 4 by deploying the first demonstrator of the Graffolution platform. The actual deliverable is the demonstrator itself that can be accessed online. It holds the initial developed components of the platform and will be constantly evolved during the second project period. This short additional report provides the login credentials as well as a basic overview of the hardware specifications. In the final section an outlook on the upcoming tasks is presented which are directly linked to the demonstrator.

The Graffolution platform consists of two main parts, the Open Information Hub and the Collaborative Knowledge Base. The demonstrator currently focuses on the Open Information Hub as this part will be opened during the next months to the public to get quickly further feedback from the community but also raise the awareness for the Graffolution project. In parallel to the tests of the Open Information Hub the Collaborative Knowledge Base will be extended and tested internally with the demonstration partners. This allows the development team to benefit from the early user insights and focus during the last development phase on more sophisticated features for both platform parts.

2 ACCESS TO THE DEMONSTRATOR

The demonstrator of the Graffolution platform can be accessed¹ through the following link:

<http://demo.synyodev.com/graffolution>

For further testing following login information may be used:

Username: synyo

Password: demo4synyo15

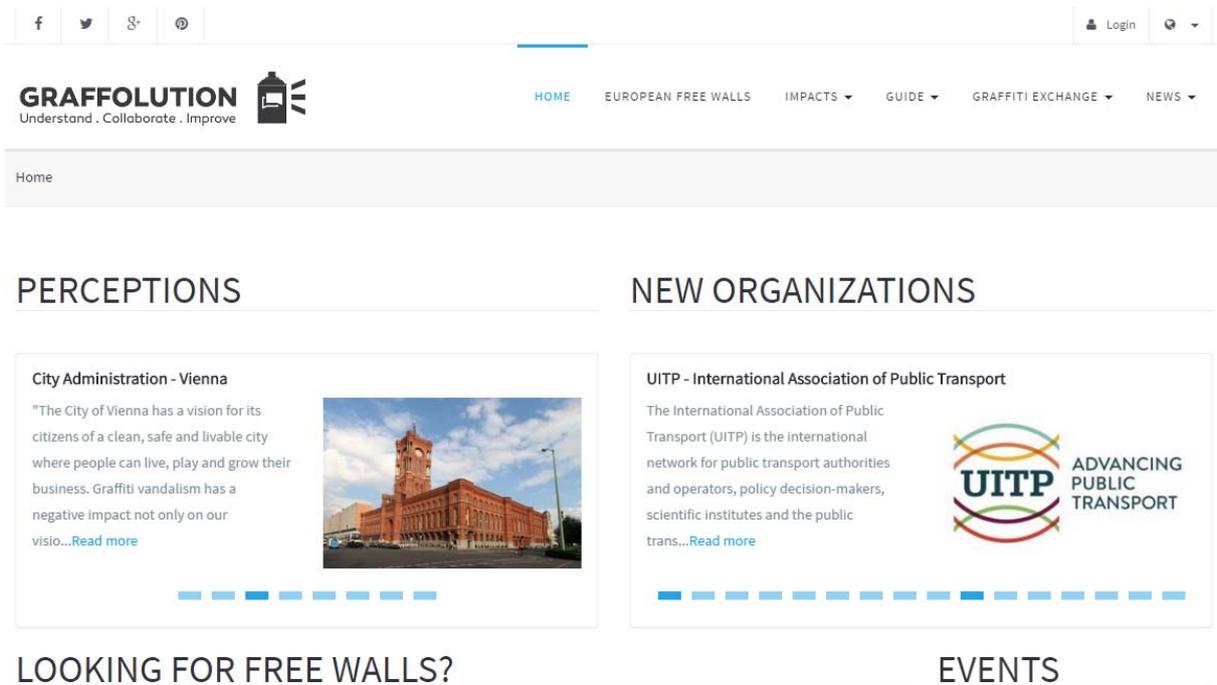


Figure 1: Login Frontend

The User login on the frontend side of the platform can be tested with following login details:

Username: ecop@yahoo.com

Password: ecopass

¹ In case you face any technical problems entering the platform please contact office@graffolution.eu.

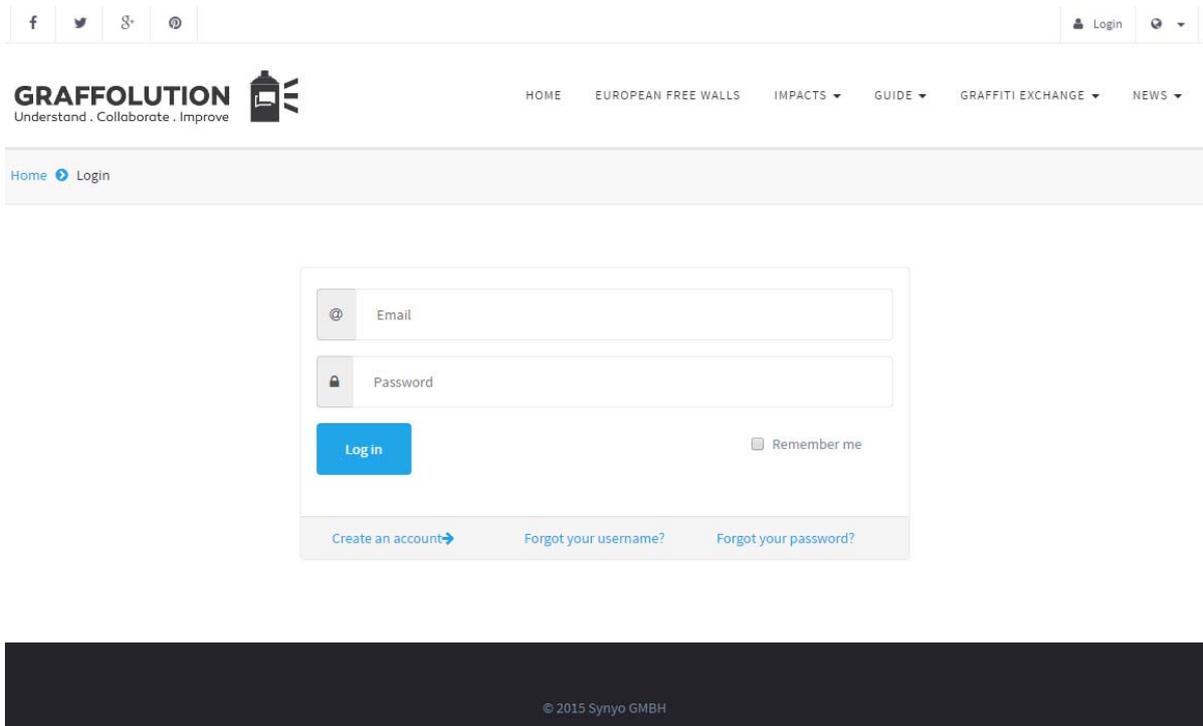


Figure 2: User Login

The Backend-System of the Graffolution platform can be entered using following login credentials:

<http://demo.synyodev.com/graffolution/administrator/>

Username: ec1@yahoo.com

Password: ec1pass

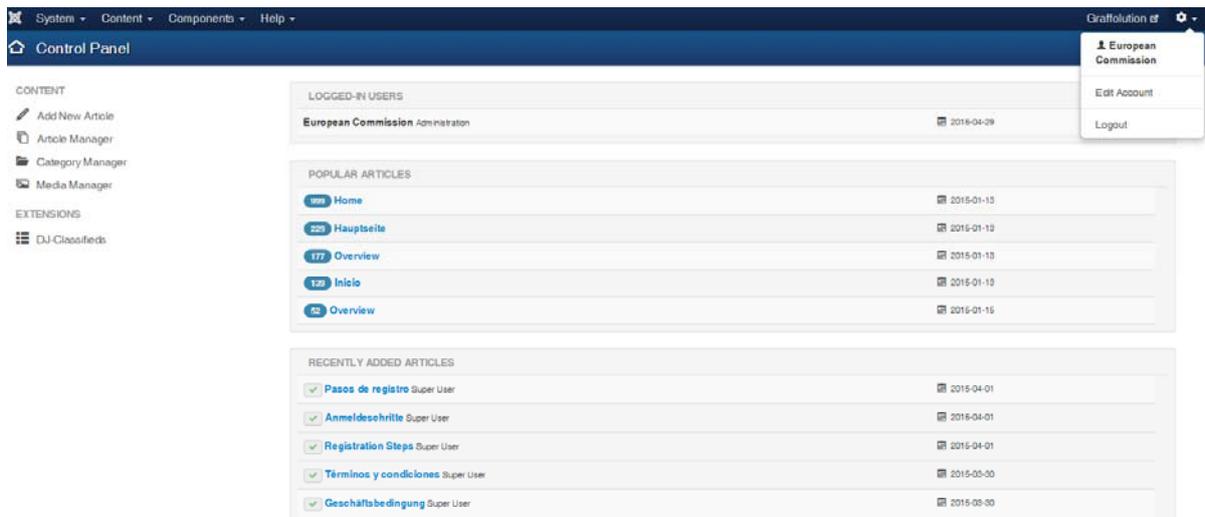


Figure 3: Login Backend

3 DEMONSTRATOR ENVIRONMENT

The hardware specifications depend on the designated environment on which the Graffolution platform is deployed. Below the main hardware and software specifics are listed.

Development/testing environment

The Graffolution platform is hosted in an environment where distributed teams are working in order to merge application releases easily. The stress testing will be conducted here before launching the service in a production mode.

- Operating system: CentOS Linux 7.0.1406
- Kernel and CPU: Linux 3.10.0-123.8.1.el7.x86_64 on x86_64
- Processor information: Intel(R) Core(TM) i7-4770 CPU @ 3.40GHz, 8 cores
- Real memory: 32GB
- Virtual memory: 16GB
- Local disk space: 1.78TB
- Web server version: Apache/2.4.6 (CentOS)
- MYSQL Server version: 5.5.40-MariaDB - MariaDB Server
- PHP version 5.4.16

Production environment

For the production environment it is planned to add an additional server in order to balance the load from the user stressing. The application and data backup will be supported by an automatic maintenance schema. The current settings are assuring a high quality of service.

- Operating system: CentOS Linux 7.0.1406
- Kernel and CPU: Linux 3.10.0-123.8.1.el7.x86_64 on x86_64
- Processor information: Intel(R) Xeon(R) CPU E5-2620 0 @ 2.00GHz, 2 cores
- Real memory: 8GB
- Virtual memory: 1GB
- Local disk space: 200GB
- Web server version: Apache/2.4.6 (CentOS)
- MYSQL Server version: 5.5.40-MariaDB - MariaDB Server
- PHP version 5.4.16

4 CONCLUSION

The deployment of the initial demonstrator was an essential task, as it provides the first transition of the developed concept into a technical framework. It already holds several main functionalities that allow the consortium to see how the platform may look like and if the user interface works as it was planned during the conception phase. In addition it makes it easier to improve the overall structure of the platform. As the development is taking place in iterative circles further features are consequently included and tested in early programming stages. This also raises the efficiency of the whole development process as planned features that don't provide the expected outcomes can be quickly adapted to maximise the usability and user experience. The main focus of the demonstrator at the current stage lies on the Open Information Hub which will be made publically available during the following months to create relevant user feedback that will also support the next design and development steps. In addition it will allow to raise the awareness for the project and invite stakeholders and dutyholders to get in contact with the Graffolution team. Besides that the Collaborative Knowledge Base will be established and tested with the demonstration partners of the consortium. During the second project period also the content production and inclusion on the platform will play an essential role. While during the first project year already a broad range of relevant sources were gathered during the second year the content will be adapted and structured for the integration to the platform.