

# Newsletter

Issue nr. 1, June 2014



## SIMON

ASSISTED MOBILITY  
FOR OLDER AND IMPAIRED USERS

European  
Commission



## P R E S E N T A T I O N

Welcome to the first issue of the **SIMON** newsletter.

Every six months the **SIMON** consortium will produce a newsletter, to inform about the most interesting activities and results of the Project, and also about the upcoming events. We will also provide a presentation of one of the partners that form the **SIMON** Consortium.

The newsletters will be distributed by mailing list, and they will be also archived at the website, together with a subscription option.

### SIMON Project description.

**SIMON** (asSisted Mobility for Older aNd impaired users) is a demonstration project with three large scale pilots in Madrid, Parma and Lisbon aiming to use ICT services to promote the independent living and social participation of mobility impaired people in the context of public parking areas and multiple transport modes.

It will focus on the reduction of fraud in the pre-ICT implementation of the European Disable Badge for public parking areas and the use of specific multimodal navigation solutions for elderly and people with disabilities.

**SIMON** will propose a mobile application to support impaired citizens in the use of public and private transport modes. This application will not only include specific information and navigation functionalities, but will also make use e-id mechanisms to propose coordinated tariff policies and reduce fraud. In this same context, **SIMON** will enhance the European parking card for disabled people with contactless technologies and will integrate mobile solutions to support unique user identification in existing park meters whilst preserving privacy.

## C O N T E N T S

Presentation

Project meetings

Project update and achievements

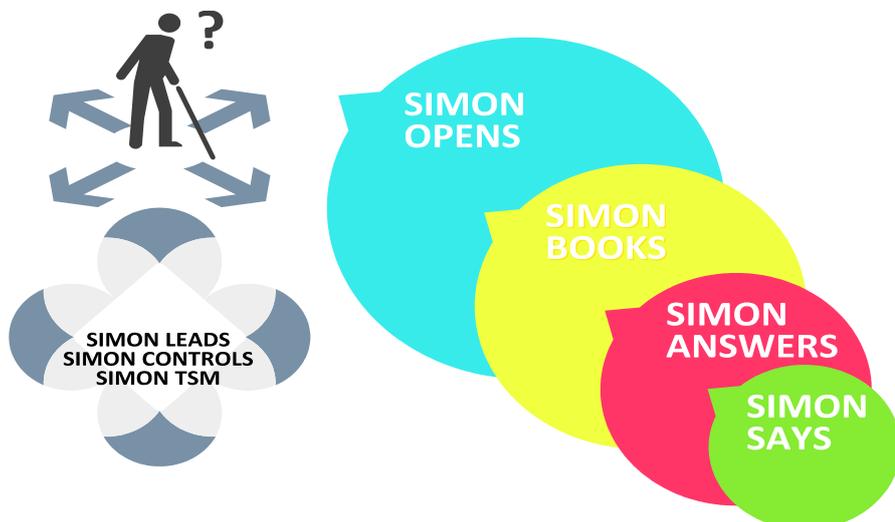
Announcement and upcoming events

Contact

### SIMON CONSORTIUM

The **SIMON** consortium is coordinated by **ETRA I+D** (Spain), and formed by **IBV** (Institute of Biomechanics of Valencia, Spain), **Madrid City Council** (Spain), **Locoslab GmbH** (Germany), **CRTM** Consorcio Regional de Transportes de Madrid (Spain), **Infomobility SpA** (Italy) and **EMEL** – Empresa Publica Municipal de Mobilidade e Estacionamento de Lisboa (Portugal).

The Project also counts on the support of the following organisations, which form the **SIMON** User Group: **AGE platform Europe** (network representing over 30 million older people in Europe), **EPA** (European Parking Association), **POLIS** (network of European cities and regions working together to develop innovative technologies and policies for local transport), **CERMI Madrid** (The Spanish Committee of Representatives of Persons with Disabilities of the Region of Madrid), **FAMMA-Cocemfe Madrid** (Federation of Associations of People with Physical and Organic disabilities for the Madrid Region), **ANMIC** (Italian National Association of Civil Impaired and Handicapped People – Parma Region), **Università degli studi di Parma**, **ACAPO** (Association of blind people of Portugal) and the **Municipality of Lisbon**.





## SIMON WORK PLAN

The Project is structured in 3 years (2014 -2016) and 4 big phases.

1. The **first phase**, in which we are involved now, is the definition of the global and specific pilot requirements and identification of the use cases in the context of the needs identified by all stakeholders: citizens, public authorities, transport operators and parking managers.
2. The **phase 2** consists of a small scale piloting, a cross-testing pilot that will allow testing Madrid Technologies in the other two pilot cities: Parma and Lisbon.
3. The **phase 3** involves a large scale demonstration that will allow the deployment of SIMON in the three pilot sites: Madrid, Lisbon and Parma. The results of the small scales piloting will be applied. The objective of the demonstration is to have 5000 users involved
4. The **phase 4** is the last one, the deployment phase. At the end of the Project, a roadmap for deployment of the Project will be implemented; this roadmap will include transferability, scalability and standardization guidelines

## PROJECT MEETINGS

### SIMON Kick Off Meeting

The **SIMON Kick Off Meeting** took place in ETRA I+D (Valencia, Spain) on 20th and 21st January with representation of all the consortium partners.

The overview of the Project, including key issues, consortium members, the description of the phases and the time plan were presented.

In this meeting the three cities involved in the project presented the way they are managing disabled spaces, finding some points in common and differences. Also the process of the user recruitment and the technology development was an issue taken into account. The main interest for Lisbon, Parma and Madrid is to focus on parking and ICT enhanced solutions to fight against fraud. Moreover, navigation applications must be considered and it is still under discussion how to develop them in its full potential. Privacy issues are important are taken into consideration.

### SIMON 2nd Project Meeting

The second meeting was held in IBV (Valencia, Spain) during April 8th and 9th. Management and coordination issues, as well as pilot requirements and use case descriptions were discussed along with a workshop on Reference Architecture and Principles.

An important part of the meeting was the follow-up of the User Group activities. Representatives from CERMI and FAMMA Madrid attended to this meeting.



## ANNOUNCEMENTS AND UPCOMING EVENTS

### 3rd Consortium Meeting and First User Group Workshop. 30th June and 1st July. Lisbon.

On **June 30th**, the **SIMON Consortium** will meet again to do a follow up on coordination and technical issues and thus continue with the progress of the project.



A **EMEL** (Empresa Municipal de Mobilidade e Estacionamento de Lisboa) como representante da cidade de Lisboa no projecto Europeu **SIMON** (asSisted Mobility for Older and impaired users), tem o prazer de convidar **V. Exa.** para o **1º Workshop de Utilizadores**, a realizar no dia 1 de Julho no CIUL, Centro de Informação Urbana de Lisboa das 9h às 17h.

O seu contributo é muito importante para antever os planos futuros de implementação de soluções na área da Acessibilidade e Mobilidade para Todos, na cidade de Lisboa, pelo que contamos com a sua participação.

Na expectativa de que aceite este desafio, agradecemos a confirmação da sua presença até dia 16 de Junho para o e-mail: [projecto.simon.lisboa@emel.pt](mailto:projecto.simon.lisboa@emel.pt) ou telemóvel: **Patricia Martins (+351) 963958358**.

**EMEL** (Municipal Mobility and Parking Company for the city of Lisbon) in representation of the city of Lisbon in the European project **SIMON** (asSisted Mobility for Older and impaired users), is pleased to invite you to the **1st Users Workshop**, to be held on the 1st of July at the CIUL, Centro de Informação Urbana de Lisboa from 9am to 5pm.

Your participation in this endeavor is more than welcome as your contribution is very important in order to evaluate the future solution implementation plans concerning Accessibility and Mobility for all in the city of Lisbon.

Hoping you will accept this challenge, we ask only you would confirm your presence until the 16th of July by e-mailing us at [projecto.simon.lisboa@emel.pt](mailto:projecto.simon.lisboa@emel.pt) or by phone (+351) 963958358 Patricia Martins.



CIUL Centro de Informação Urbana de Lisboa (Picotas Plaza- Rua Vinhos, 13 Núcleo 6-E/F 1050-233 Lisboa)



During **1st of July** the **First SIMON User Group Workshop** will take place. The Project will be presented to users, and different presentations forms relevant Associations, mobility and political authorities will take place.

There will be a free debate between the different stakeholders, and relevant feedback is expected to concrete on the definition of the system.

**SIMON User Group** is one of the key assets the project counts with, in order to achieve its ambitious yet realistic objectives.



## CONSORTIUM ACTIVITIES

### Recruitment and training activities at the pilot sites

Each of the cities participating in **SIMON** (Madrid, Lisbon and Parma) has organized several local activities, aimed at informing about the project goals and benefits, and to engage potential users for the pilot phase. The activities have included:

- Meetings with the local authorities and traffic managers.
- Workshops with user representatives and relevant stakeholders.
- Press releases.

These activities have allowed to gather the expectations and needs of users and stakeholders and to establish a first contact that will ensure the engagement of the different users (citizens, controllers and administrators) for the pilot deployment.



### Description of the activities carried out during the period (January - June 2014)

During the first half of this year, the Project has started defining the bases of the **SIMON** system and carrying out some practical and technical issues. The first year is also the first phase of the Project, the preparation. This phase is focused on the following key aspects:

- Definition of the global and specific pilot requirements and identification of the use cases, in the context of needs identified by all stakeholders: citizens, public authorities, transport operators and parking managers.
- Definition of the architecture principles, information model and interoperability aspects.
- Preliminary specification of services.

According to that, we are now working on the following aspects:

- Revision at EU, national and local level of ICT systems and initiatives for parking access and mobility for the disabled, policies and regulations
- Revision of the existing situation at each pilot city (technology, structure, users, problems, needs and expectations).
- Definition of system requirements (ergonomics, usability, safety, privacy...)
- Definition of capabilities and needs of users.
- Description of use cases and scenarios.

All partners are involved and share the responsibility of dissemination activities in order to create an effective and successful communication, as the User group is very relevant for the Project, and we want to involve as much users as possible.

Also, information about the Project has appeared in different Italian, Spanish and Portuguese Media.

## CONFERENCES AND EVENTS

### SIMON in CeBIT 2014, Hannover, Germany

Locoslab GmbH participated in the Code\_N competition as a part of CeBIT 2014 (the largest yearly business- oriented trade fair on ICT).

They demonstrated its navigation Technologies to interested visitors and distributed dissemination material of **SIMON**, describing the project goals to visitors and members of the press.



### Attendance to CIT 2014 in Santander (Spain)

A representative from CTRM attended the Conference of Transport Engineering (CIT 2014) on 9, 10 and 11 June.

A specific presentation about the **SIMON** Project was made, as well as some dissemination material was provided to the people in the conference.





## PARTNER PROFILE



**ETRA Investigación y Desarrollo, S.A. (ETRA I+D)** is the hi-tech unit within ETRA Group, one of the leading industrial groups in Spain. Its mission is putting in the market the most advanced solutions and services either directly or through the 10 companies of the Group. The main market areas of ETRA Group are Spain, South-Central America, South East Asia and the EU.

The activity of the company – with a turnover of 200 M€ and a staff of 1700 in 2013 - started in the 70's and it is centred in four main activity lines: urban and interurban traffic (with more than 25 major cities using ETRA I+D's systems), transport, energy management and access control systems. ITS accounts for 42% of the company turnover.

ETRA is one of the major Spanish Industrial Groups working in the area of technology for real time distributed control and regenerative management systems. It brings into the project its expertise in the deployment, operation and maintenance of large ITS solutions (Madrid, Barcelona, Valencia) ETRA develops and markets integrated traffic solutions public transport exploitation systems, information services parking management systems, access-management and tolling solutions.

Website: [www.grupoetra.com](http://www.grupoetra.com)

**Antonio MARQUÉS** holds a MSc in Physics with Computing from the University of Valencia (Spain), a Diploma in Operational Research and a Master in Business and Innovation Management. He is currently the Director of Technology at ETRA I+D. He has worked in the past for the DG III of the EC as Scientific Officer and at IBM. He has been involved in multinational collaborative research for more than eighteen years as researcher, project manager and expert working for international organisations –e.g. evaluator and reviewer for the European Commission. As the Director of New Technologies at ETRA I+D, he has been Project Manager or responsible for the projects ETRA led in FP4, FP5, FP6 and FP7 programmes.



**MANUEL SERRANO** is Electronic Engineer. He holds a double degree in Telecommunications from the Polytechnic University of Valencia (Spain) and l'École Nationale Supérieure des Télécommunications de Bretagne (France) –networking specialisation. He is currently Head of the New Technologies Area within the Technology department of ETRA I+D. He is currently involved as project manager in the BEAMS project and participates actively in SIMON, BESOS and MOLECULES EU projects. He worked as project manager of the PECES and NOBEL project.



**EVA MUÑOZ** is Telecom Engineer from the Polytechnic University of Valencia (Spain). She performed the final project in the former Airtel Movil (now Vodafone) in the radio access department and then she worked in the Technological Center ITACA and was involved in several projects in the context of certification and test laboratories. In ETRA I+D she is currently working at the Technology Department, she is working as project manager in the SIMON EU project and she is also involved in GAMBAS and HIPOW EU projects.



## CONTACT

You can stay in touch with the latest news and activities of the **SIMON** project visiting our website:

<http://simon-project.eu/>



If you are interested in the **SIMON** project objectives and results, we want to encourage you to join us and to subscribe to the newsletter. You will receive updated information on the progress of the project and will be invited to the project workshops via email. Of course you will also receive the current and following versions of the electronic project newsletter.

<http://simon-project.eu/subscribe-to-newsletter/>

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