

PROJECT

## TRACE

### Opening the cycling and walking tracking potential

**Funding:** European (Horizon 2020)

**Duration:** Jun 2015 - May 2018

**Status:** Complete

**Total project cost:** €2,896,985

**EU contribution:** €2,896,985



**Call for proposal:** H2020-MG-2014\_TwoStages

[CORDIS RCN : 193324](#)

#### Objectives:

This project will explore the potential of walking and cycling tracking services to promote walking and cycling mobility. We will focus on established walking and cycling promotion measures and thoroughly assess the potential of ICT based tracking services to overcome barriers to implementation and finding new factors driving the effectiveness of those measures. Through specific research, the related ICT challenges like scheme dynamics, privacy, trust, low-cost, interoperability and flexibility will be tackled for each type of measure.

The measures to target will be established measures to promote walking and cycling travel to workplace, shopping, school and leisure promotion measures. We will investigate both the ability that tracking tools may have to address traditional challenges of these measures and their potential to bring new features in the fields of awareness raising, financial/tax incentives, infrastructure planning and service concepts.

A common, flexible and open access tool will be developed to provide an ICT input and output platform that addresses the related ICT challenges. Over this platform it will be easy for anyone to build products based on tracking services tailored to the requirements of the specific measures. This project will develop and test a representative set of such products in real measures underway. These test cases will at the same time validate and provide additional inputs for the project's research issues and trigger the widespread of tracking services to support walking and cycling measures in Europe. Users, policy makers and walking and cycling practitioners and final users will be deeply involved in all stages of the project.

#### Parent Programmes:

[H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport](#)

**Institute type:** Public institution

**Institute name:** European Commission

**Funding type:** Public (EU)

#### Lead Organisation:

**Inesc - Inovacao - Instituto De Novas Tecnologias**

**Address:**

RUA DE ALVES REDOL 9  
1000-029 LISBOA  
Portugal

**Organisation Website:**

<http://www.inesc-id.pt>

**EU Contribution:** €402,525

## Partner Organisations:

### Município De Agueda

**Address:**

PRACA DO MUNICIPO  
3754 500 AGUEDA  
Portugal

**EU Contribution:** €90,066

### Gemeente Breda

**Address:**

CLAUDIUS PRINSENLAAN 10  
4811DJ BREDA  
Netherlands

**EU Contribution:** €227,575

### Srm - Societa Reti E Mobilita Srl

**Address:**

Via A Magenta 16  
40128 Bologna  
Italy

**Organisation Website:**

<http://www.srmbologna.it>

**EU Contribution:** €157,363

### Univerzitet U Beogradu - Saobracajni Fakultet

**Address:**

Vojvode Stepe 305  
11000 Belgrade  
Serbia

**EU Contribution:** €109,760

### Tis Pt, Consultores Em Transportes, Inovacao E Sistemas, Sa

**Address:**

Rua Vilhena Barbosa 11  
1000N/A285 Lisboa  
Portugal

**EU Contribution:** €368,425

### Polis - Promotion Of Operational Links With Integrated Services, Association Internationale

**Address:**

rue du Trône 98  
1050 BRUXELLES  
Belgium

**Organisation Website:**

<http://www.polis-online.org>

**EU Contribution:** €266,175

**Southend On Sea Borough Council**

**Address:**

VICTORIA AVENUE CIVIC CENTRE  
SOUTHEND ON SEA  
SS2 6ER  
United Kingdom

**EU Contribution:** €140,725

**Mobiel 21**

**Address:**

Vital Decosterstraat 67A  
3000 LEUVEN  
Belgium

**EU Contribution:** €461,891

**Ijsberg Holding Bv**

**Address:**

M P LINDOSTRAAT 18  
3532 XE UTRECHT  
Netherlands

**EU Contribution:** €253,598

**Luxmobility S.a.r.l.**

**Address:**

70, Boulevard de la Fraternite  
L-1541 Luxembourg  
Luxembourg

**EU Contribution:** €301,163

**Energy Agency Of Plovdiv Association**

**Address:**

GLADSTONE STREET 15  
4000 PLOVDIV  
Bulgaria

**EU Contribution:** €117,720

**Technologies:**

Mobility as a Service (MaaS)  
Bicycle sharing system

**Development phase:** Research/Invention

**STRIA Roadmaps:** Smart mobility and services

**Transport mode:** Multimodal transport

**Transport sectors:** Passenger transport  
Societal/Economic issues, Digitalisation,

**Transport policies:** Decarbonisation

**Geo-spatial type:** Urban

