

PROJECT

Sir-Park

Smart Integrated system for Reliable Parking information, search and guidance.

Funding: European (Horizon 2020)

Duration: Dec 2015 - Mar 2016

Status: Complete

Total project cost: €71,429

EU contribution: €50,000



Call for proposal: H2020-SMEINST-1-2015

[CORDIS RCN : 199281](#)

Objectives:

Hi-Park Solutions is a disruptive SME whose mission is to revolutionize the market of urban parking by delivering a smart application to help drivers find a free on-street parking space while improving urban life across the Smart City concept. Our Sir-Park's patented application crowdsources on-street parking vacancy data automatically via either driver's smartphone or embedded in the vehicle's infotainment system. Its concept combines both, a reliable and precise real time parking location, and the powers of processing and learning on historic and statistical data observed over time. Sir-Park checks regulations and other street data such as garage entries, loading-downloading, etc. as well as the space physical dimensions, giving drivers a reliable probability of finding a valid vacant on-street parking space over the next minutes on a certain street section.

Drivers will find value in Sir-Park a smart integrated and reliable app that will help them reduce up to 50% of the average time to park, while first screening their chances of finding free on-street parking and guiding them to the most promising route, and secondly, offering paid parking alternatives. Municipalities, Telecom and Big Data companies will find valuable source of data in a system that crowdsources street image into valuable parking availability information and user mobility patterns.

To date, we have conducted a preliminary pilot in Tel Aviv, Israel, validating the application. We are now preparing for scaled-up demonstrations across major European cities. Our aim is to develop a Smart parking application that will reach 300,000 end users by 2018 across 3 major European cities.

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:

Hi Park Solutions Ltd

Address:

40 LOHAMEI HAGETO STREET
Petah Tikva 4965176
Israel

EU Contribution: €50,000

Technologies:

Road and traffic management systems
Parking management system

Development phase: Demonstration/prototyping/Pilot Production

STRIA Roadmaps: Smart mobility and services

Transport mode: Road transport

Transport sectors: Passenger transport

Transport policies: Digitalisation

Geo-spatial type: Urban