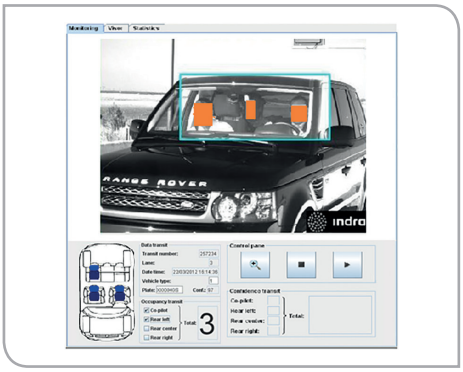
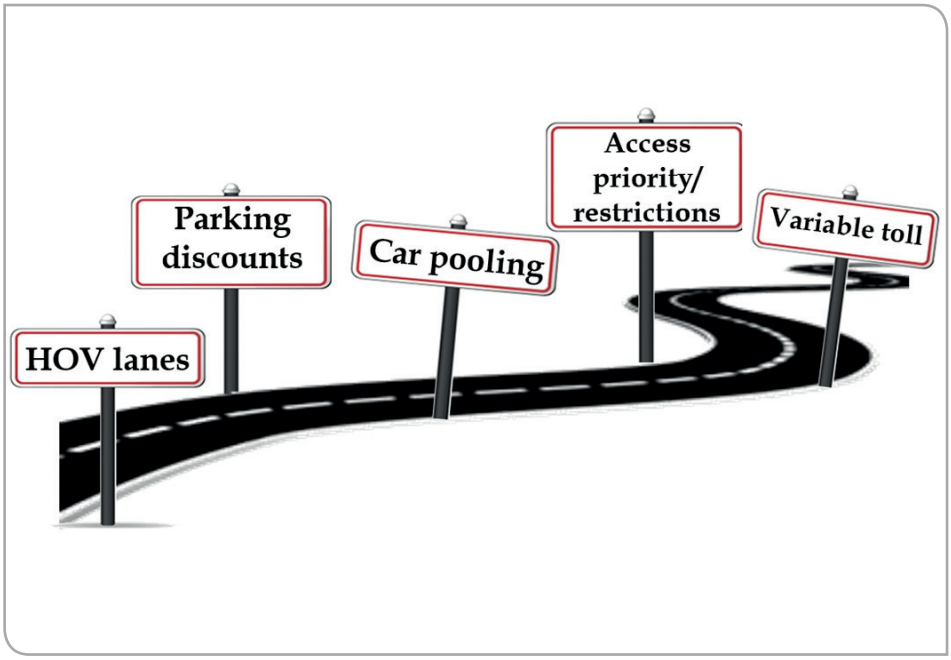
BeCamGreen

Digital Cities





Encouraging the circulation of high occupancy vehicles

BeCamGreen provides city agencies and road operators with a technology to foster and prioritize High Occupancy Vehicles (HOV), public modes and low emission transport.

Today, cities are congested by traffic, leading to poor air quality and high noise exposure. It is a priority for infrastructure managers to implement strategies that lead to a reduction in the number of vehicles on the roads.

BeCamGreen combines computer vision and data analytics to observe the roads while collecting and processing information on each vehicle that circulates, including type of vehicle and number of occupants.

The solution allows city operators to understand mobility patterns, deploy strategies to reduce the number of single-occupancy cars, and encourage citizens to use more sustainable mobility solutions (e.g. carsharing, park-and-ride, public transport).

Competitive Advantages

- Non-intrusive technology
- Automatic occupancy detection in front and rear seats
- High accuracy
- Easy to scale-up

Target Markets

- City authorities and infrastructure managers (e.g. highway and parking operators)
- In Europe, where cities are implementing demand management strategies
- In the USA, where HOV/HOT lanes are very extended

Status/ Traction

- The project is supported by Ferrovial, which provides a test site and the final customer view

Road Map

2017

- Prototyping
- Testing and validation in real traffic conditions
- Go-to-market strategy

2018

- Include the solution in tenders
- Use of Indra's existing exploitation channels for commercialization

Connect

Leyre Merle
BeCamGreen Activity Leader
e: lmerle@indra.es
t: +34 914806846

Location

BeCamGreen
c/o Indra Sistemas S.A.
Avenida de Bruselas 35
28108 Alcobendas
Madrid
Spain

Partners:
Indra and Politecnico di Milano

BeCamGreen is an Innovation Activity proudly supported by EIT Digital