

2012 Award, Belgium



Be Park

Julien Vandeleene & David Milan Mené

Theme Technological Innovation for a Smarter Mobility

The Altran Foundation strives to focus itself on key issues that have wide ranging effects on everyday lives. In 2012 Belgian theme was: “Technological Innovation for a Smarter Mobility”.

The Foundation was looking for rewarding an innovative technology that takes into account one of the following issues:

- Reducing the impacts of mobility
- Improving collective transportation
- Increasing productivity through smarter mobility

Laureate

Be Park

The 2012 laureates in Belgium, Julien Vandeleene, founder of Be Park and David Milan Mené, International Business Development of Be Park created a platform using under-exploited parking areas.

Be Park technology handles the entire logistics management of a parking lot, in particular entries, exits and invoices management. By introducing smart technology into urban parking management, Be Park offers the full array of parking solutions through one platform, maximizing efficiency and offering more convenience for its users. Be Park also balances profit with sustainability. With more parking spaces used, real estate return increases; and with less time spent looking for parking, air pollution is reduced and urban mobility becomes easier. The innovation of the Be Park platform lies in the integration of the latest management and access technologies into parking logistics to offer the best user experience. Unlike traditional parking, in which incorporation of new technologies is very low, Be Park provides real innovations like cashless or electronic payments, additional parking spots at lower prices and ways to increase parking revenues.

Altran's support

Consultants from Altran Belgium worked with Be Park to improve its information system architecture and process analysis. In order fully understand and experiment the project, Altran Belgium integrated its parking lot into the Be Park parking system. From customers to advisors, Altran Belgium consultants had all the keys to step in the project and help Be Park spread its concept worldwide.

Jury

President of the Jury: Melchior Wathelet

Secretary of State in Environment, Energy, Mobility and Institutional Reforms to the government of Elio Di Rupo

Bruno De Lille

Secretary of State at the Brussels-Capital Region in the Groen Party for Mobility, Public Administration, Equality of Chances

Bruno Wattenbergh

Manager of the Brussels Enterprise Agency; Chairman of the Brussels Guarantee Fund

Jean-Marc Capitaine

Vice President Products & solutions (Consumer Market) at Belgacom

Paul Perriniaux

Managing Director of Michelin for the Benelux

Pierre Duysinx

Professor at the Faculty of Applied Sciences at Liège University; Vice- Chairman of the Aerospace and Mechanics Department

Finalists

Ecopostale

Nicolas Etienne

The idea was to create a web platform aiming to reduce the distances driven by Express Delivery Companies. It presented several advantages: less vehicles on the road, less CO2 emissions, less consumed fuel...

To achieve this goal, the process was to combine the orders of multiple clients and thus the routes of the EDC's registered on the platform.

Smart Drive

Arthur Deleval – Simon Godfrind

The project was set up to develop an Innovative propulsion system designed for electric bikes, in order to assist the rider in proportion to his effort and allow gear changes, in automatic or manual dual-mode.

The advantages are significant: driveability, autonomy, reliability, robustness of the bike...

Keyzee

Thibaut Cardinael – Harold Grondel

First fully integrated car sharing solution (booking, opening and closing, of the car...) in a smartphone. Keyzee brings virtual key advantages to the users: better utilisation of vehicles, less cars and more sharing, no more key...

I-Care

Xavier Van Der Stappen

I-Care is an innovative & eco-responsible global concept regrouping housing, energy production and mobility.

The concept is divided into two products:

- I-Care 333: light & efficient electric car, built locally with local resources.
- I-Care Nest: prototype of a welfare building with no energy cost, made out of local available resources collected within a 150 km radius of the building.

The advantages of the project no energy and water invoices, the overproduction of energy powers the batteries of an electric vehicle.

JunctionGuard

Philippe Tailleu – Sven Van Segbrouck

JunctionGuard is a concept of a new approach to traffic signals optimization.

Thanks to an integrated in FLOW's online traffic control room, the idea is to set up intelligent traffic light control based on floating car data.

It will result less traffic jams, less stop-and-go movements, with a cheaper system and a positive environmental impact.