

BEAIR

Challenge

Air pollution and associated concerns in urban areas

Solution

A smart pedestrian crosswalk that features 4 components all designed to combat air pollution and the elements connected to it. Attacking the problem from the ground to the top in order to reduce enormously the issue.

Consortium

California Innovation Group (Italy), MAGNA BSP (Israel), ACTISA (Spain)

Key Features

- A smart crosswalk that eliminates pedestrian and driver fatalities with one-of-a-kind lighting features and signage.
- An air quality monitor that captures, analyzes and reports gases and toxins in the air with extreme accuracy.
- An intelligent camera and AI that captures visual and in-the-air issues of concern and collects data is be reported in real-time as well as for study.
- An IRMApp that is designed to transmit information of relevance to air issues as well as transportation and alternative methods and options to reduce traffic, congestion, pollution, and urban stress.

Key Benefits

- The 4-in-1 solution focuses intensely on reducing elements that contribute to the pollution of the air, the streets and the city as a whole.
- The IRMApp is designed to offer information on sustainable transportation, reduction of traffic and other interesting facts related to good urban living.



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