MCSL Motion controlled smart light

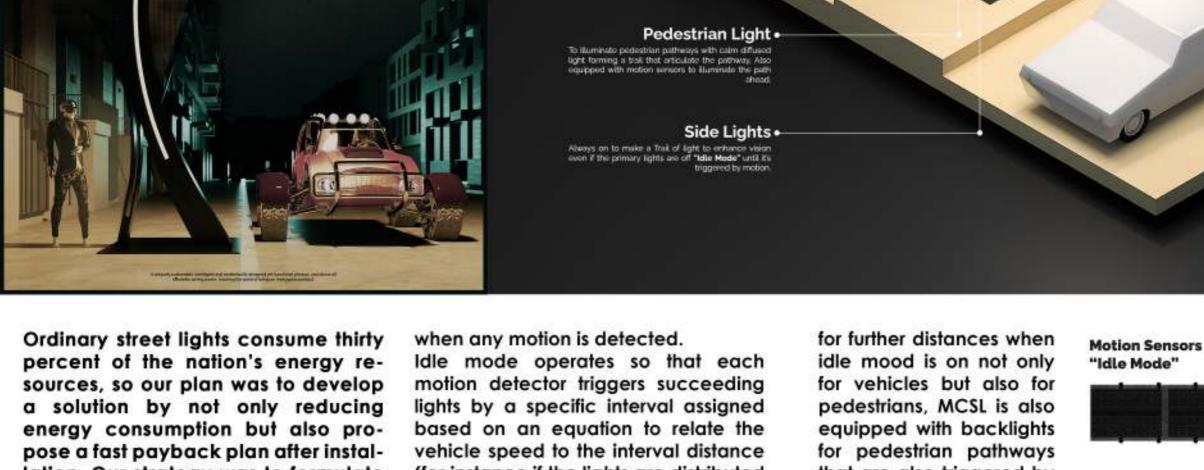
MCSL light post doesn't only serve the ordinary purpose of a light post, It exceeds its role in many ways; having Idle mode to conserve energy, having side lights that are always on to always articulate a path, having a dedicated pedestrian light that is also equipped with motion sensors, and above all generating energy.

Architect Mohamed Abdelkader









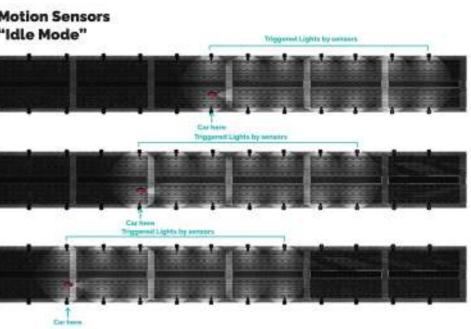
lation. Our strategy was to formulate "Idle mode" so that all light would be automatically turned off with the lack of motion and turned back on







(for instance if the lights are distributed every 10m and the vehicle is going at 80 km/hr it means that it covers 22.2 m/s or 2.2 lights/s so the first motion detector should trigger at least 1km away or 100 lights to have a seamless experience), nevertheless side lights are always on to define a trail of light that are also triggered by motion detectors with different calculations. Attached Solar panels generate more energy than needed and feed the energy grid so It becomes an "Energyplus" Product.



Moavai