

# UNIST introduces the world to the smart urban vehicle concept

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An illustration of smart urban vehicle concept, developed by a UNIST design team is expected to debut next year. Credit: UNIST

Ulsan National Institute of Science and Technology (UNIST) is ready to bring nimble, urban-friendly motoring to South Korea's crowded city centers with a fleet of its brand new ultra-compact foldable electric

vehicle for urban mobility. Besides its absolutely innovative design, this electric vehicle concept will feature lightweight body and stunning performance.

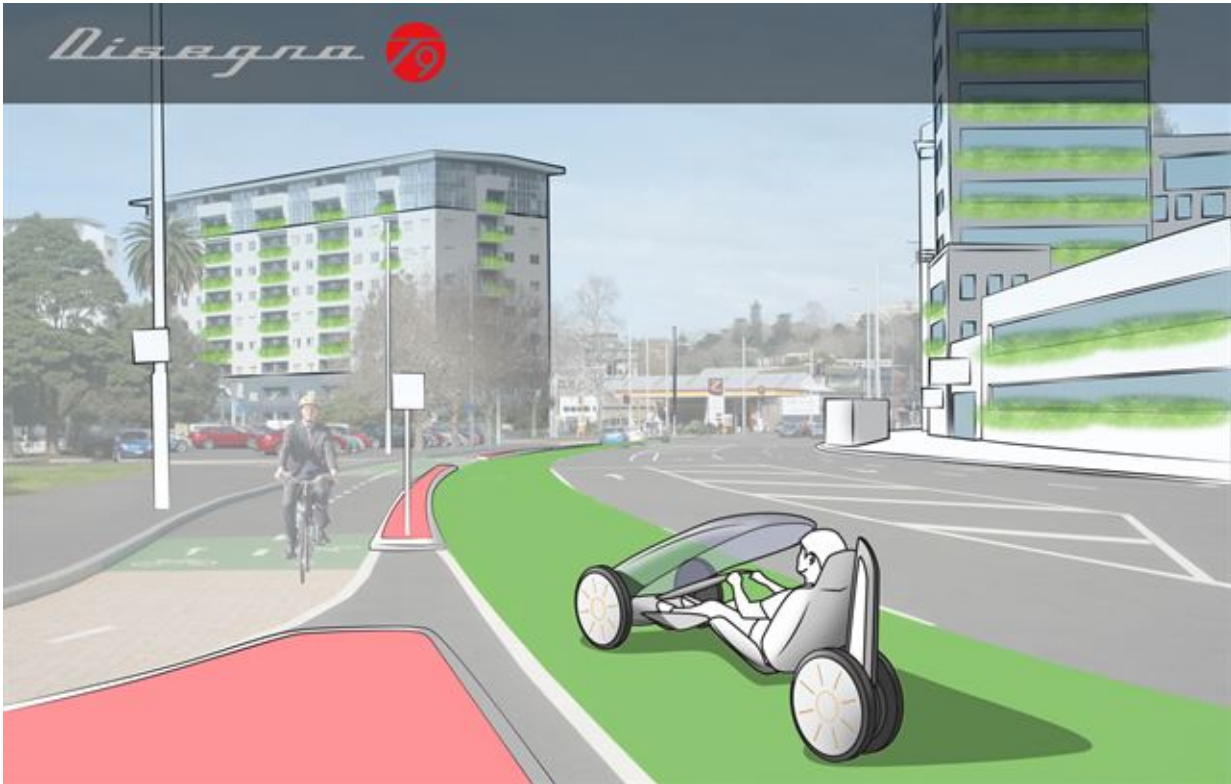
On the morning of June 2, 2016 a UNIST design team, led by Prof. Yunwoo Jung (School of Design and Human Engineering) has unveiled brand new electric car design that would transform urban transportation.

In collaboration with Power Plaza Co. Ltd., an electric vehicle manufacturer based in South Korea, UNIST will carry out this project as part of its "Smart Urban Vehicle Manufacturing Project". The project aims to address the challenges of living in increasingly congested cities and minimizing the amount of energy we use.

"This is a small, folding and smart electric car, but it is also much more than that," says Prof. Jeong.

This new urban-friendly electric vehicle, tentatively named "E-Urban Mobility" folds up for easy transport and provides vertical and horizontal adjustment, which allows riders sit or stand in it while they drive around. The manufacturing process will be greener, and the components lighter, leading to reduced vehicle emissions.

Work has begun on developing a prototype version of the E-Urban Mobility electric vehicle concept for use in cities. This electric vehicle is expected to debut as early as next year and hopefully revealed at the Seoul Motor Show 2017.



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UNIST President Mooyoung Jung states, "Universities and industry have been collaborating for over a century, but this is first time the two organizations collaborate to produce prototype [electric vehicles](#) for smart [urban mobility](#)." He adds, "Through well-balanced collaboration, we will make greener, lighter electric vehicles for use in cities, proving how clean easy urban motoring can be."

Earlier that day, UNIST also held a donation ceremony with President SungHo Kim of Power Plaza Co. Ltd., marking the donation of electric scooters, E-Scooter VX2 at UNIST. These all electric, zero emission electric scooters are worth about 9.5 million won, enabling the users a

more convenient and environmentally friendly way to travel.

Provided by Ulsan National Institute of Science and Technology

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