



CU-ICAR
CLEMSON UNIVERSITY INTERNATIONAL CENTER FOR AUTOMOTIVE RESEARCH

MASTER PLAN



The CU-ICAR Master Plan includes 5 Clemson University Technology Neighborhoods over 250 acres.



EDUCATION

PROTOTYPE PROGRAM :
2 YEARS

STRATEGY &
MARKET ANALYSIS



DESIGN



CONCEPT DEVELOPMENT



SERIES DEVELOPMENT



TARGET VALIDATION



PROJECT END



PROTOTYPE BUILD



Created by Students
Powered by MAZDA

The Next Big Thing.

Confiden' al**14



SC
Higher Education
DIRECTORY
2014

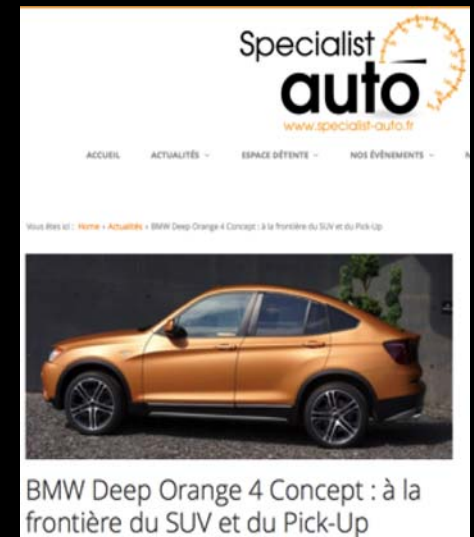


Low-Volume. Transformative Activity Vehicle.



4

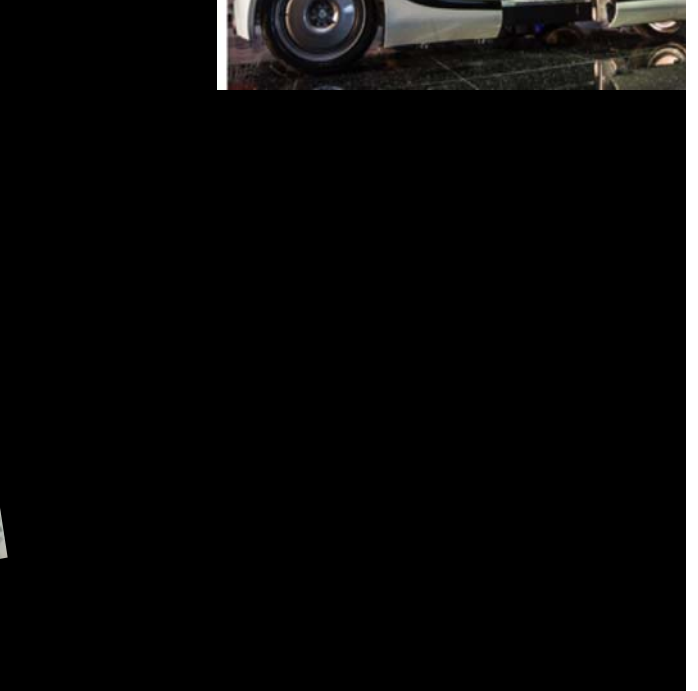
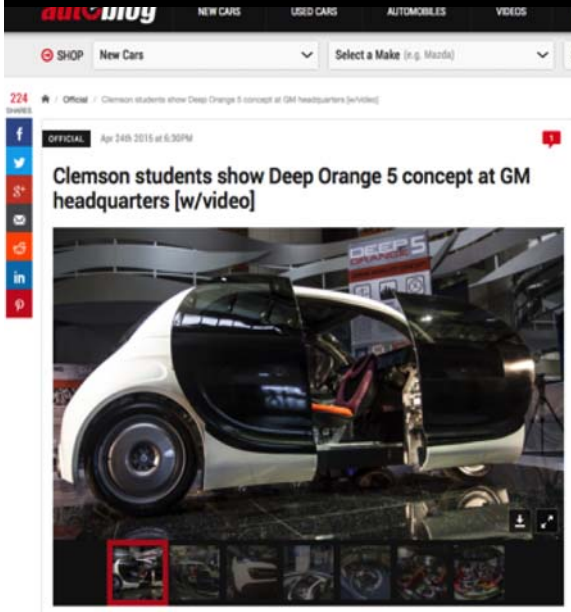
Created by Students
Powered by BMW



DEEP ORANGE 5

Created by Students
Powered by GM

Urban Mobility for Gen Z.

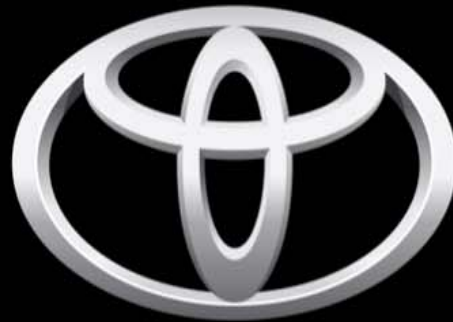




EDUCATION

COMING SOON

**DEEP
ORANGE**
CLEMSON UNIVERSITY



TOYOTA

6th GENERATION
COMING SPRING 2015
DETROIT, MI

**DEEP
ORANGE**
CLEMSON UNIVERSITY



7th GENERATION
COMING FALL 2016
MUNICH



RESEARCH AND DEVELOPMENT

7
STRATEGIC
RESEARCH
AREAS

Advance
Powertrains

Vehicular
electronics

Manufacturing &
Materials

Vehicle-to-vehicle
infrastructure

Vehicle
performance

Human
Factors

Systems
Integration

- ◆ Lightweight Composite Doors
- ◆ Visual Inspection Systems





RESEARCH AND DEVELOPMENT

7
STRATEGIC
RESEARCH
AREAS



Advance
Powertrains



Vehicular
electronics



Manufacturing &
Materials



Vehicle-to-vehicle
infrastructure



Vehicle
performance



Human
Factors



Systems
Integration

- ◆ Wireless Charging Infrastructure

