

## STUDENTS PRIZE

INNOVATE FOR THE CITY OF TOMORROW

# STABLE 4.0

## NO NEED TO TAKE YOUR CAR INTO THE CITY CENTRE!

[vimeo.com/236059671](https://vimeo.com/236059671)

### HEAD OF PROJECT

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### PROJECT

In the digital era, what would the city of your dreams look like?

### EAST REGION

### Context

Despite the development of public transport in large cities, many citizens drive into the city centre by car. Many of them believe there is no other alternative – they may live far from public transport lines or do not know the location of convenient park and ride facilities where they could temporarily leave their vehicle. But we are all aware of the negative consequences: traffic jams, pollution and deterioration in quality of life.

### Description

To persuade drivers to leave their cars on the outskirts of cities and use public transport to get to the centre, a team of engineering students at the Metz Ecole des Arts et Métiers designed a smartphone application. An algorithm uses the person's point of origin and destination, then analyses data and flows to calculate the best car park for guaranteeing the most convenient modal shift.

### Benefits

Thanks to this collaborative application offering them a rapid and reliable multi-modal itinerary, users will replace car journeys by public transport, for the greater benefit of all. Connected services could be added over time, such as the possibility of paying for parking in advance or by number-plate recognition, through partnerships with car park managers. VINCI Group companies could pick up business installing these smart systems.

- 1 Depending on the driver's final destination, the application will find the ideal parking space for his/her vehicle and the shortest public transport itinerary.
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