



# KIWEE

## Nestable electric shared vehicles

This concept is the fruit of a reflection on the mobility requirements of users in peri-urban areas, currently a captive space for the private car. The recharging and control system has been developed and patented entirely by Carnot Energies du futur Institute (CEA-Liten).

Carnot Energies du futur Institute

### Scientific/ technological breakthrough

The car-sharing system developed by Carnot Energies du futur Institute provides compact electric vehicles either from dedicated stations or on a self-service basis.

The cars can be backed up in a line like shopping trolleys and recharged from a single point.

Kiwee is perfect for users in downtown areas or the suburbs looking for a clean «first/last mile» solution to round out the public transport or carpooling offering.

The Kiwee concept has been developed within the scope of the European ESPRIT project coordinated by the CEA, and developed within the framework of the Horizon 2020 programme.



### Competitive advantage for the economic stakeholders

Combining the vehicles or being able to drive them in a “road train” enables a single dedicated operator to move a cluster of vehicles around (an operator can move 8 vehicles at a time), depending on station requirements.

This guarantees a 90% availability rate to ensure a high quality service. Kiwee can also cater to mobility demands in other contexts, such as at airports or industrial plants.

A start-up has been created to develop a demonstrator on a representative scale in 2022.