

DON'T STOP – ZERO-PARKING CITY

Core Portal

Auf dem Weg zu einer Stadt, die nie aufhört zu fließen

Hyeonwoo Moon



Non-stop transport

can board at any location and at any time



Problems and Solutions

Traffic congestion



Exclusive road

Complicated boarding time



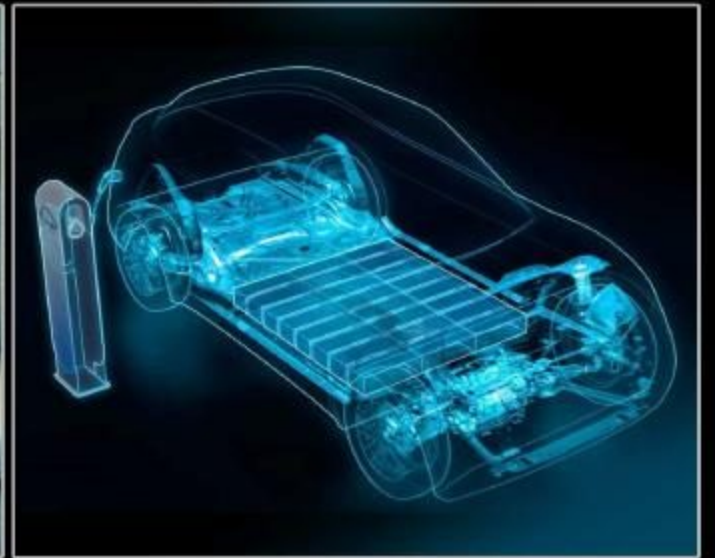
Desired time and location

Crowded ride-on/off



Revolving door

Environmental pollution



Eco-friendly electric batteries

Reference materials

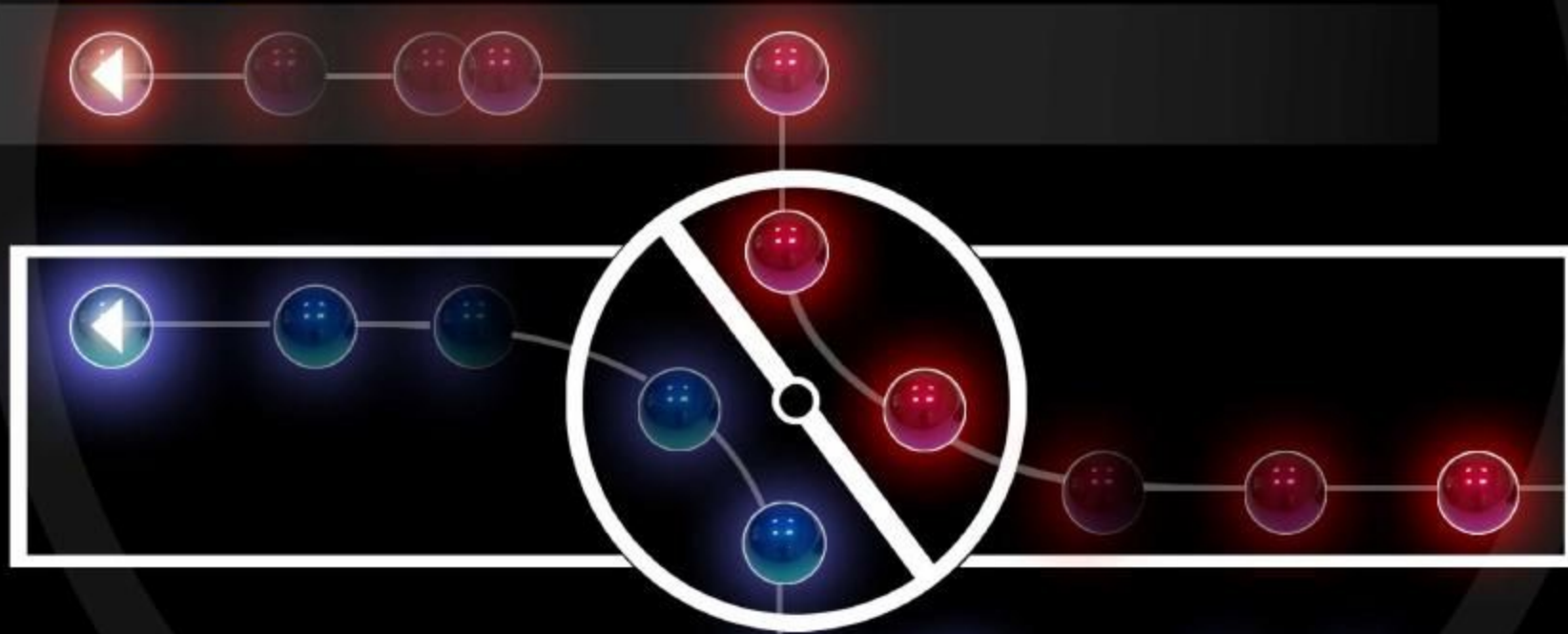
For functionality, form, proportion, and idea implementation





Formative figure
for the implementation of visible ideas

Exit area. A



Overall Concept
boarding and getting off

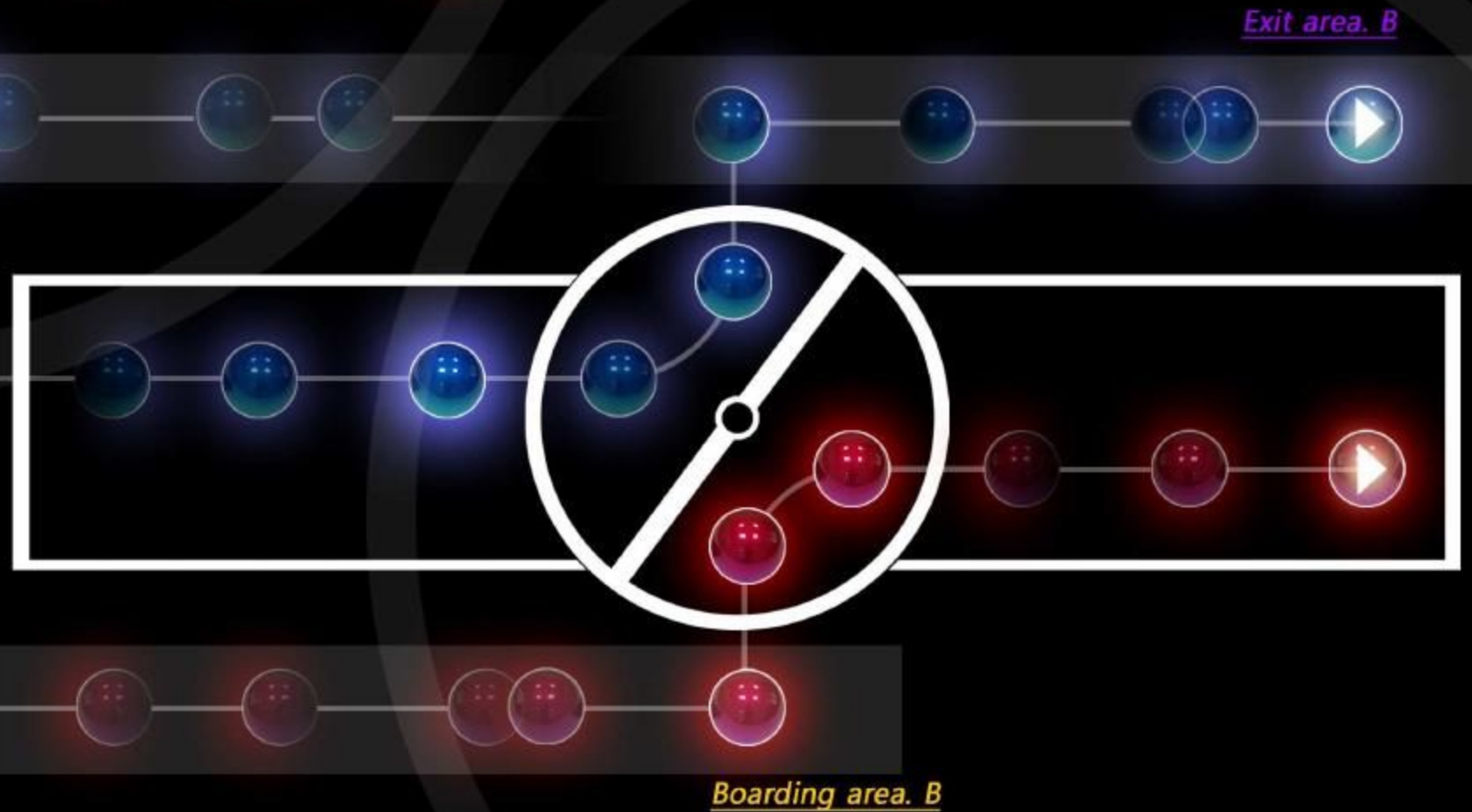
Exit area. B

Boarding area. A

Reference



Department store revolving door



Rough scenario

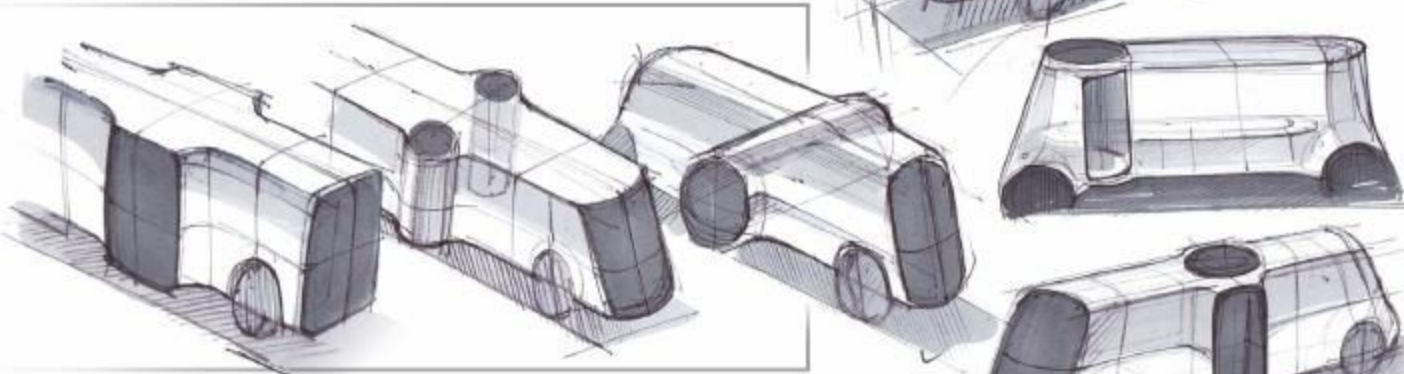
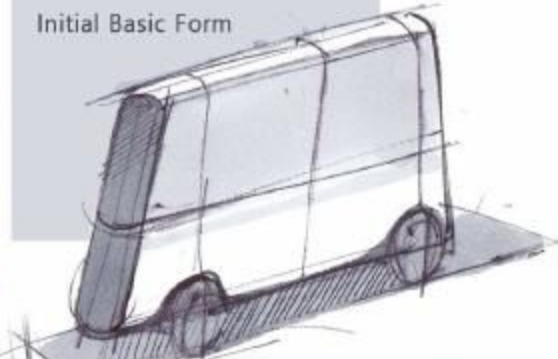
Based on the overall conceptual diagram and shape design



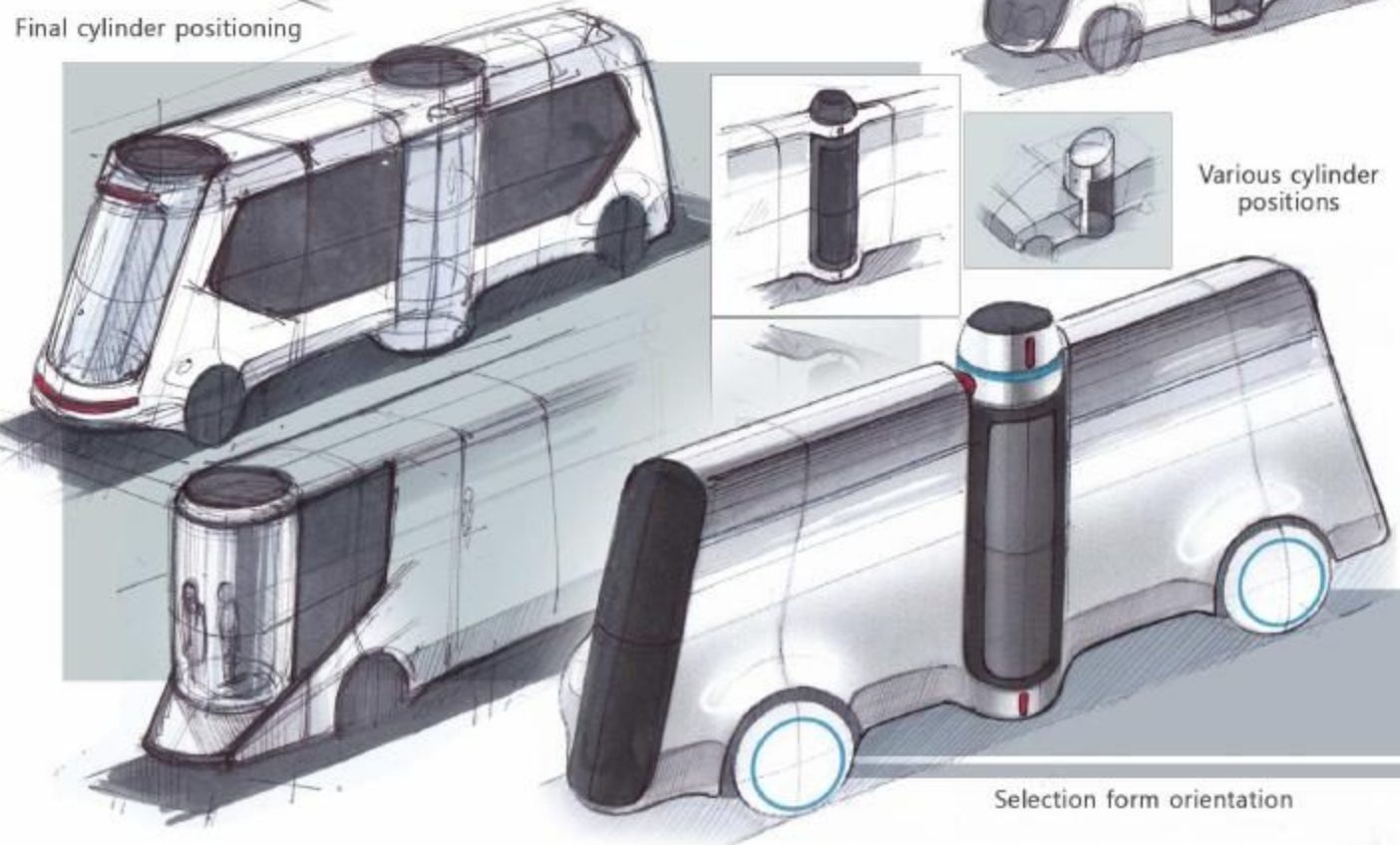
Ideation. A



Initial Basic Form

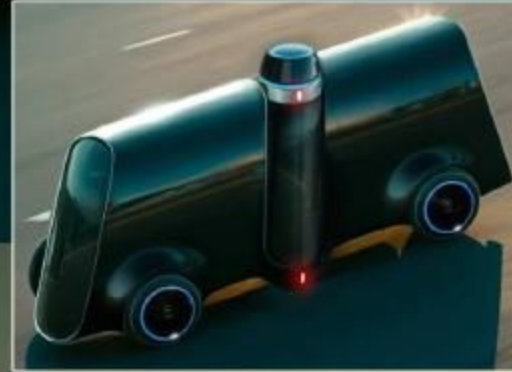


Final cylinder positioning



Various cylinder positions

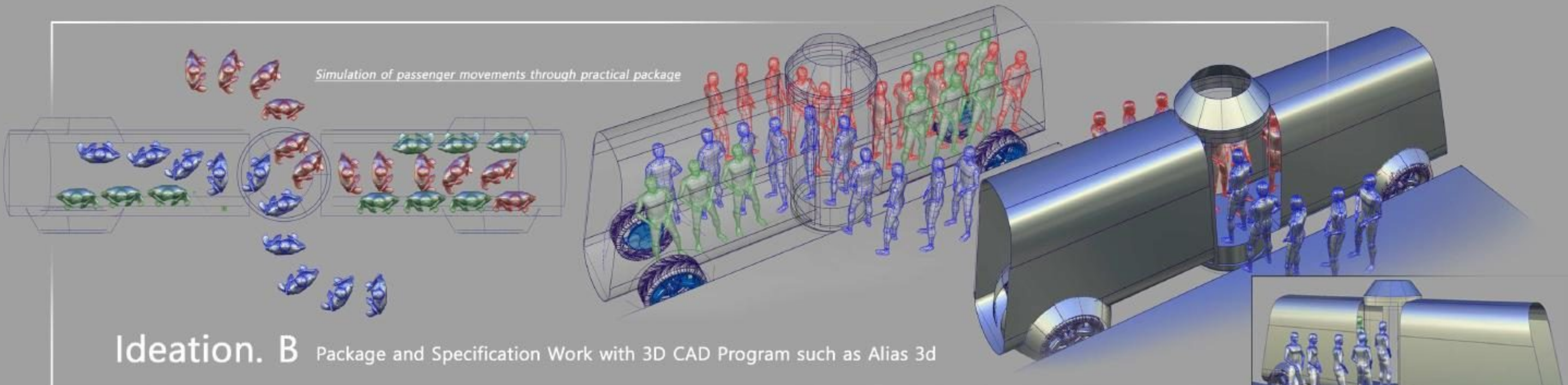
Selection form orientation



Rough rendering

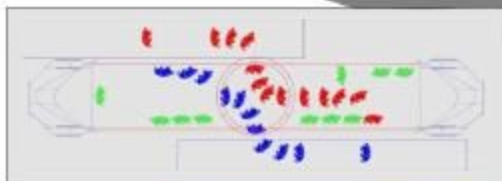
based on idea sketches



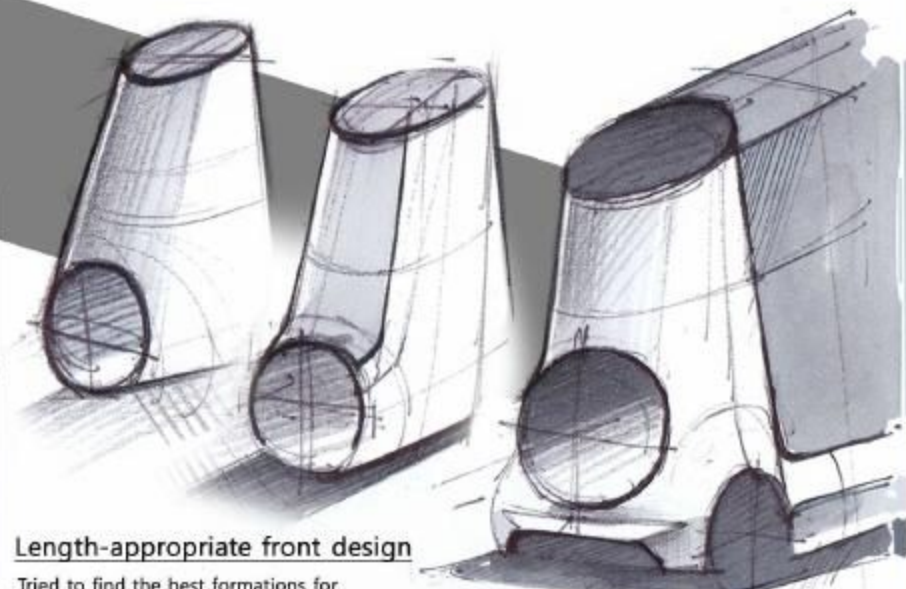


Ideation. C

3d adjustment operation
based on thread dimensions

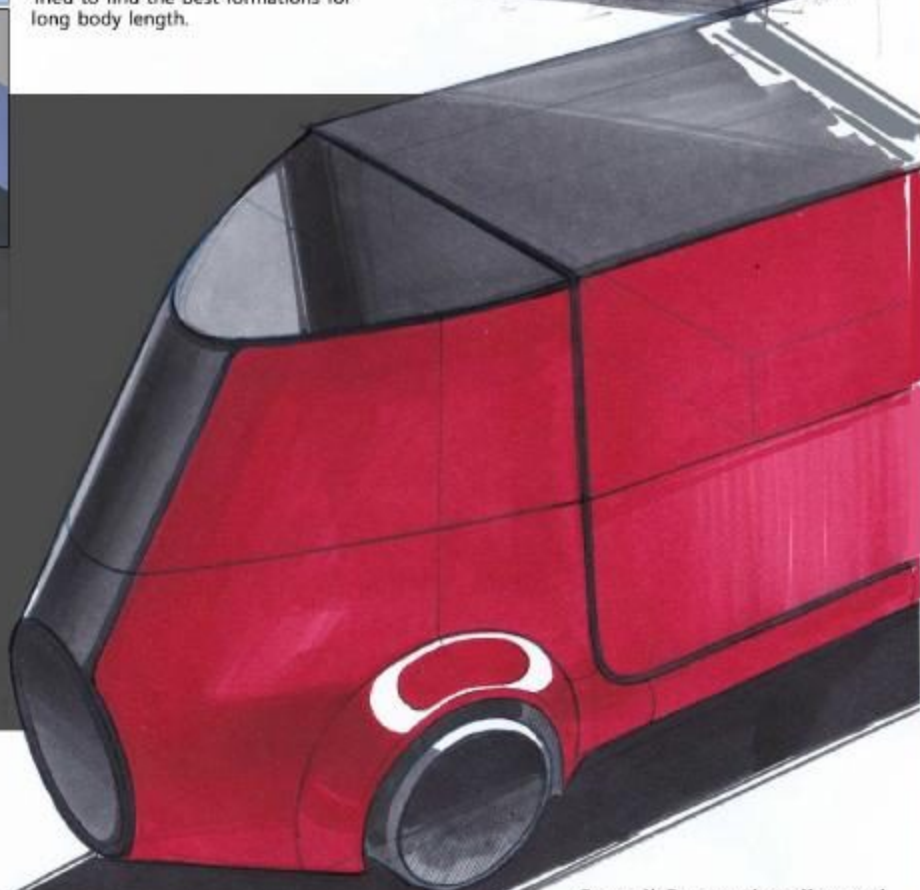


Boarding/disembark simulation



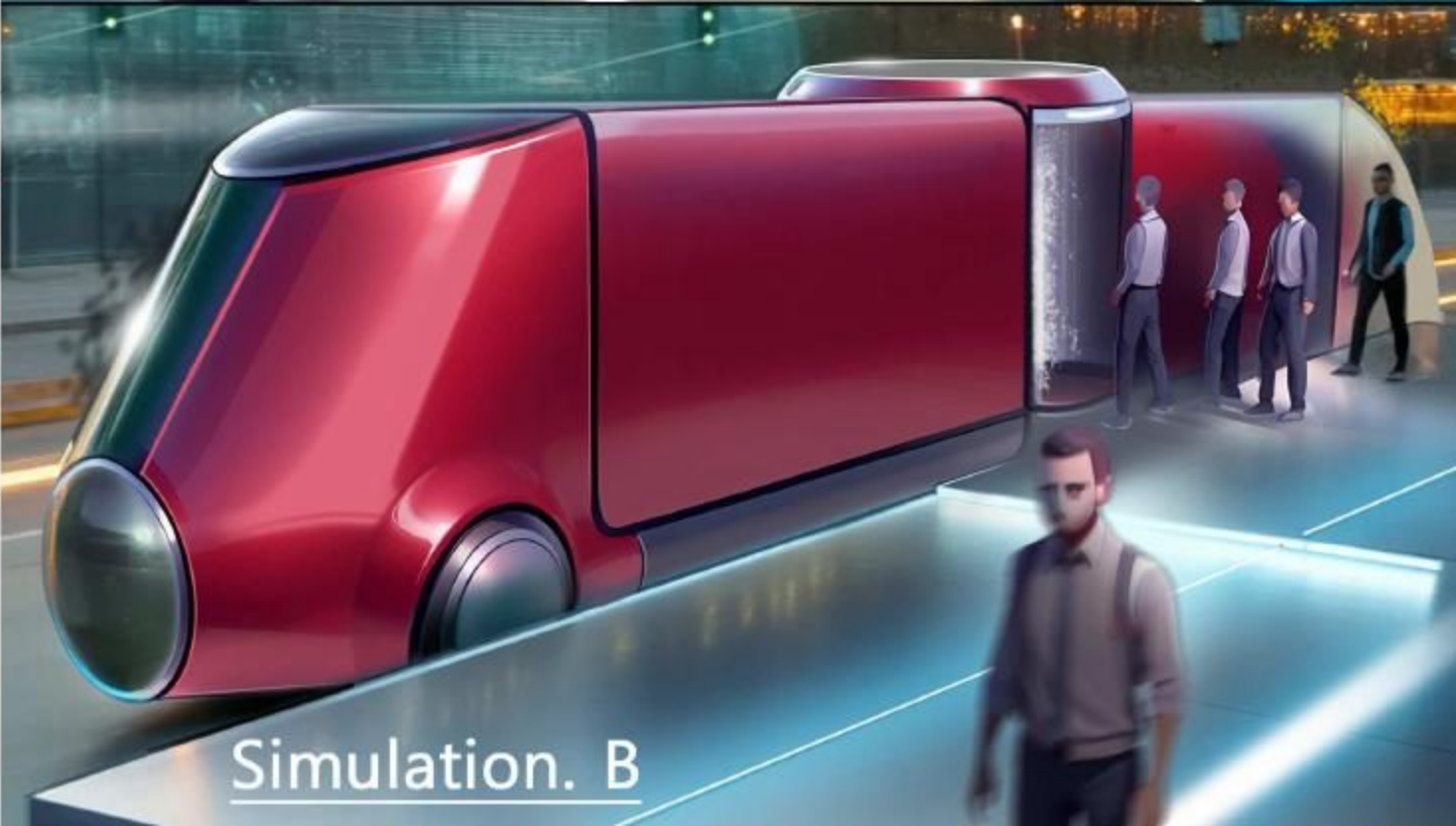
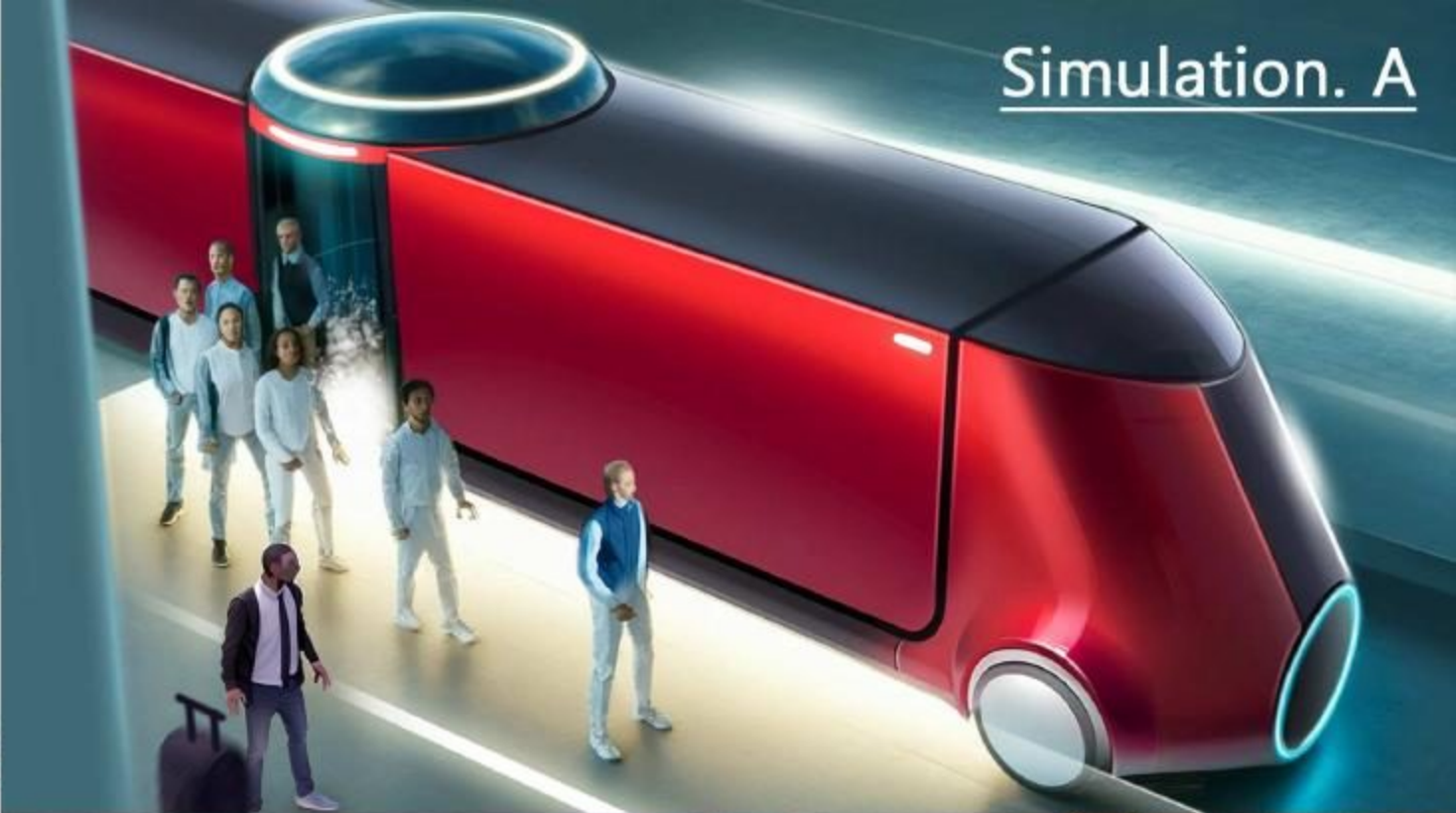
Length-appropriate front design

Tried to find the best formations for
long body length.

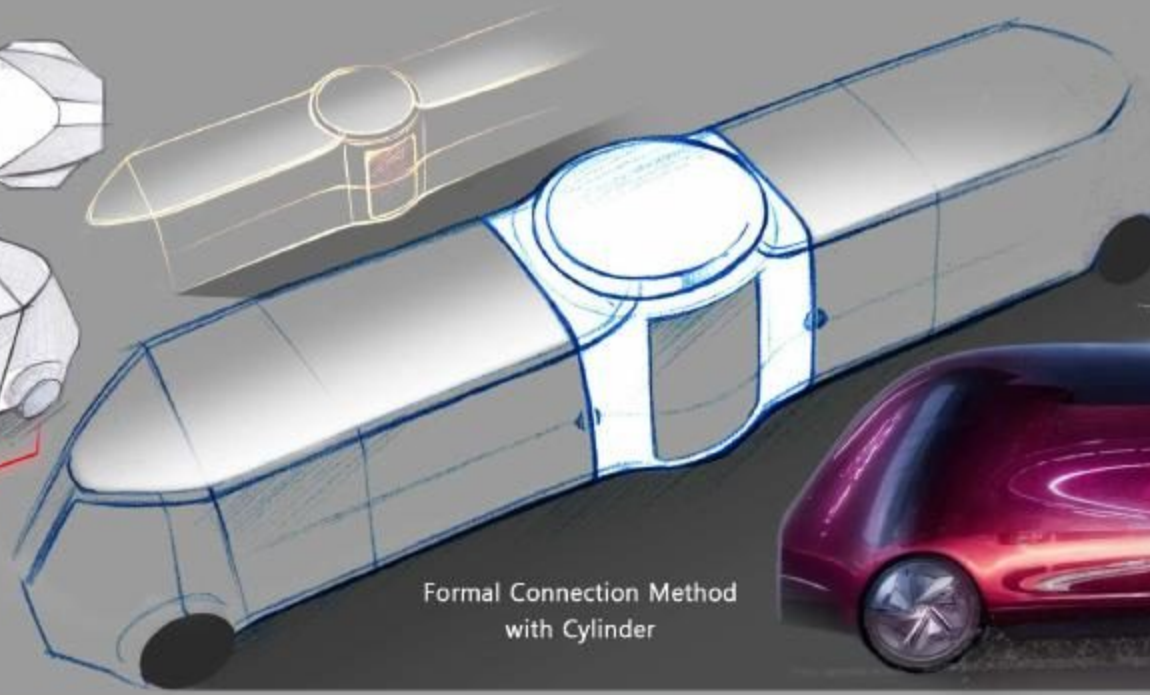
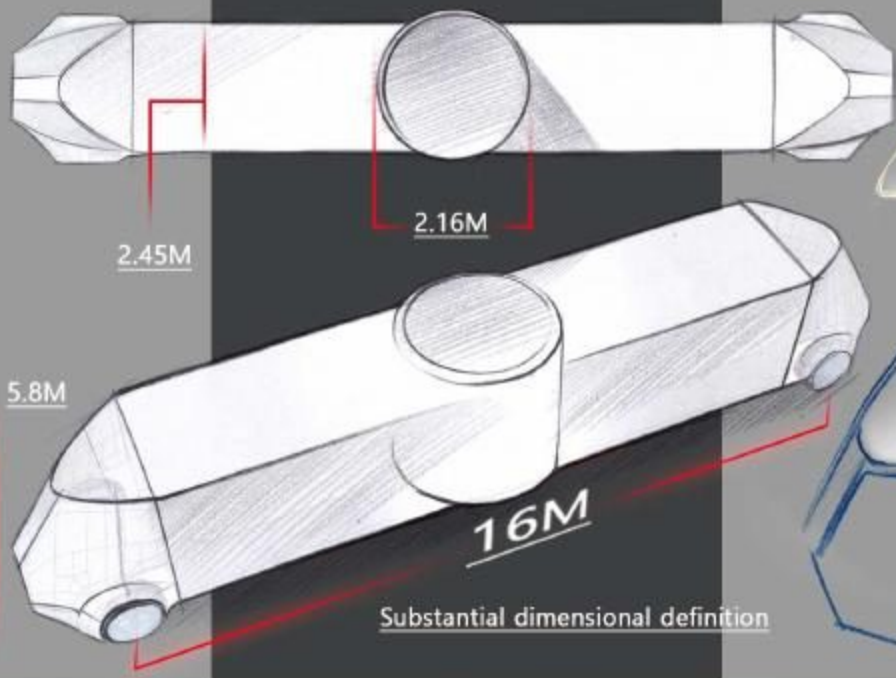


Overall Proportionality and
Color Arrangement

Simulation. A



Simulation. B

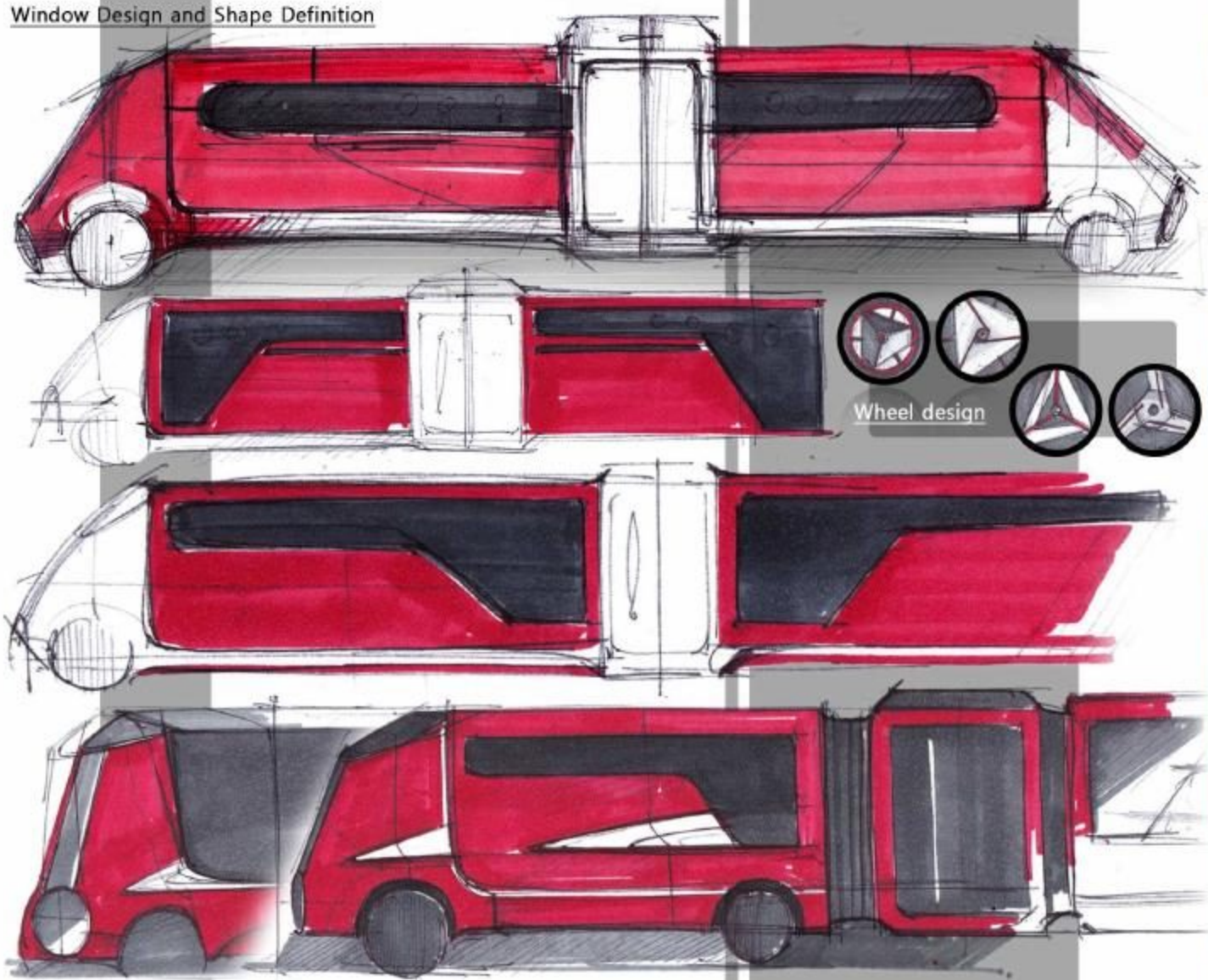


Development

Design implementation with an emphasis on side shapes



Window Design and Shape Definition



Wheel design

Colors and Materials



Try various materials and colors suitable for the body



Simulation rendering. A
-Night time-

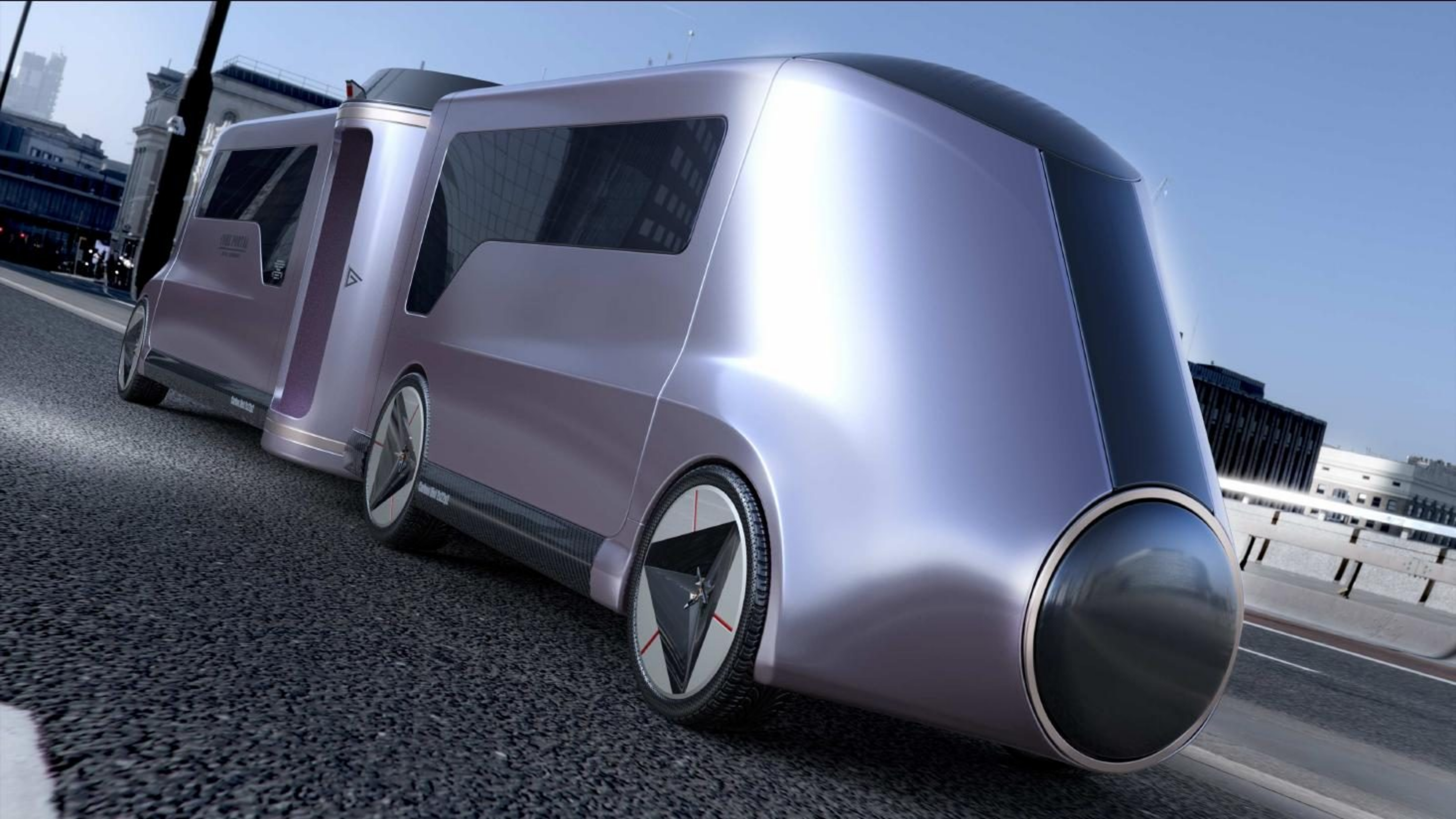


Simulation rendering. B
-Twilight-



Final design, color and material selection

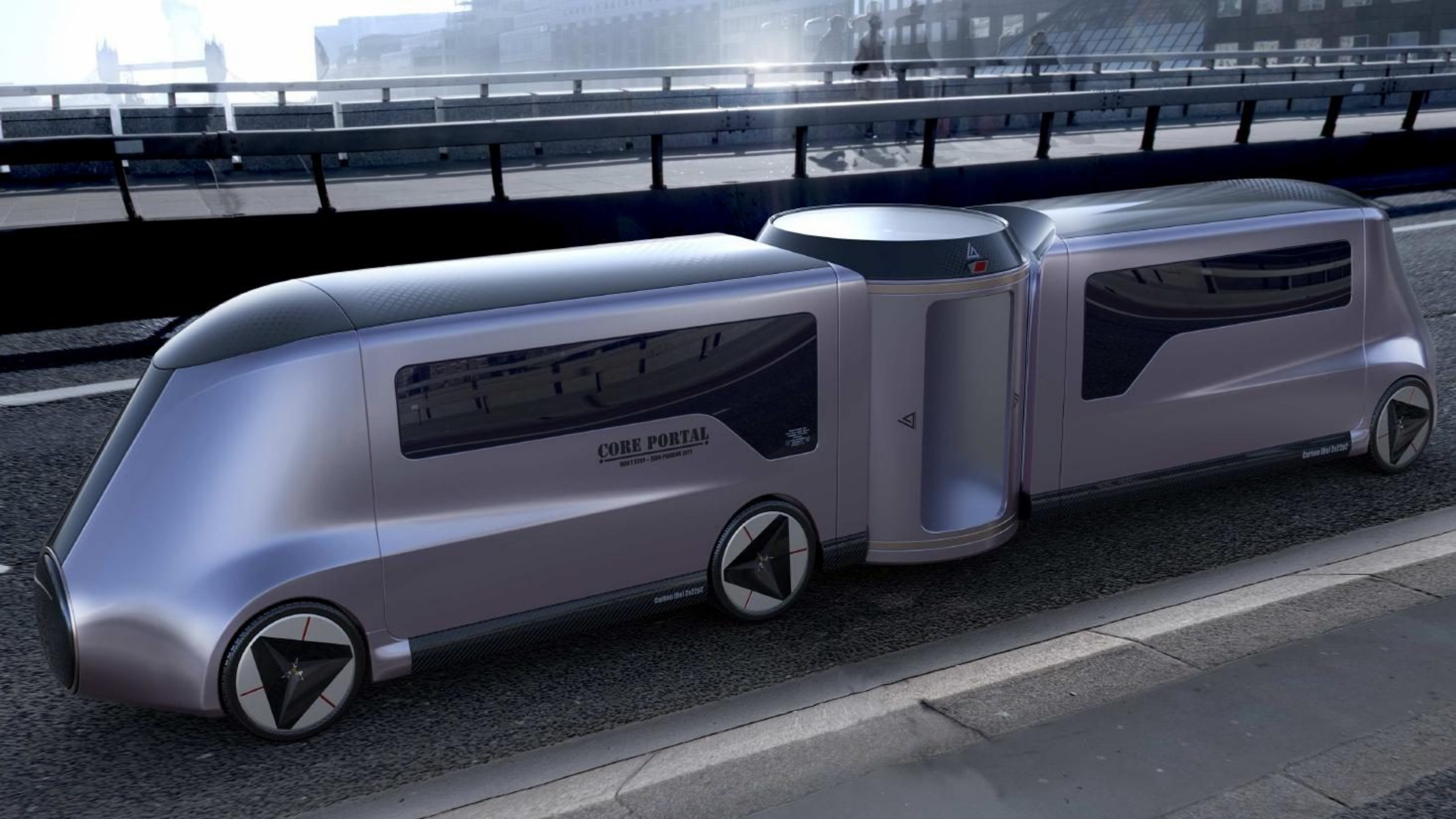




Rear design

Parallel to the previous design





CORE PORTAL
MILITARY - FUTURE PIONEER CITY

Canon (M) 252292

Canon (M) 252292

Size and proportions

Height: 5.8M



Cylinder height: 5.3M

Cylinder oval size: 2.16M



Length: 16M

Extent: 2.45M



How to operate the cylinder

Based on stability and functionality

Exit area. A

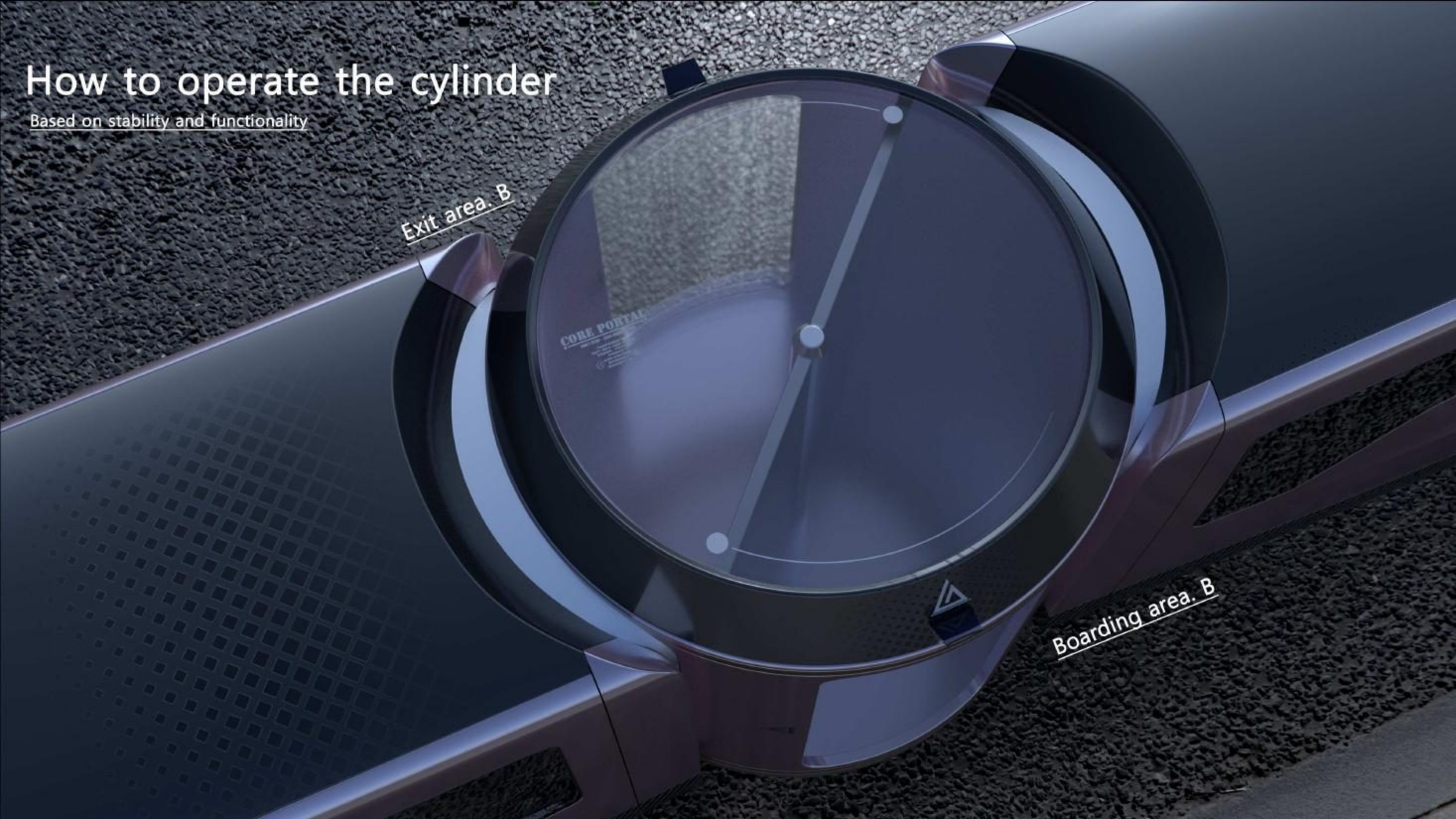
Boarding area. A

How to operate the cylinder

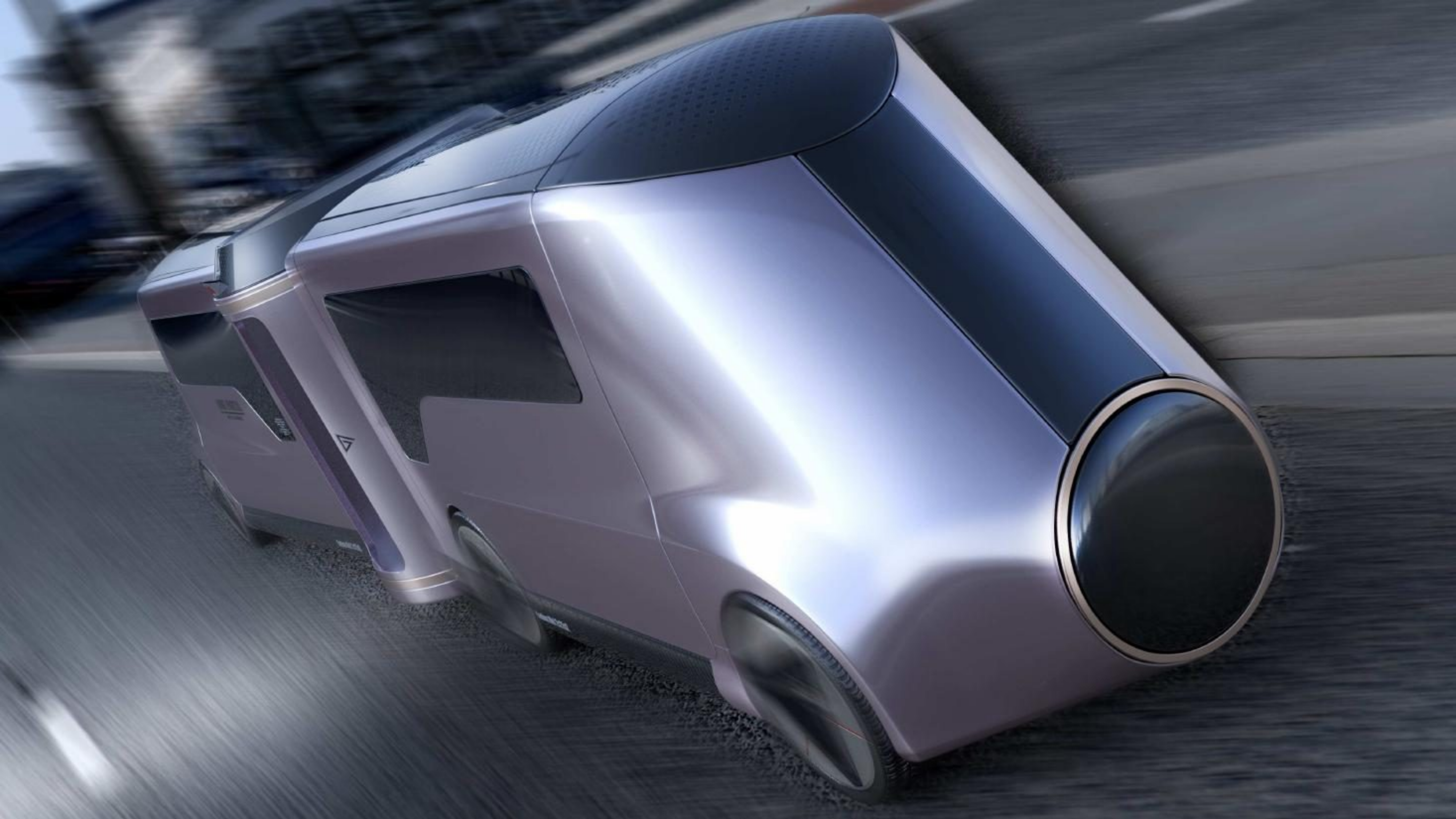
Based on stability and functionality

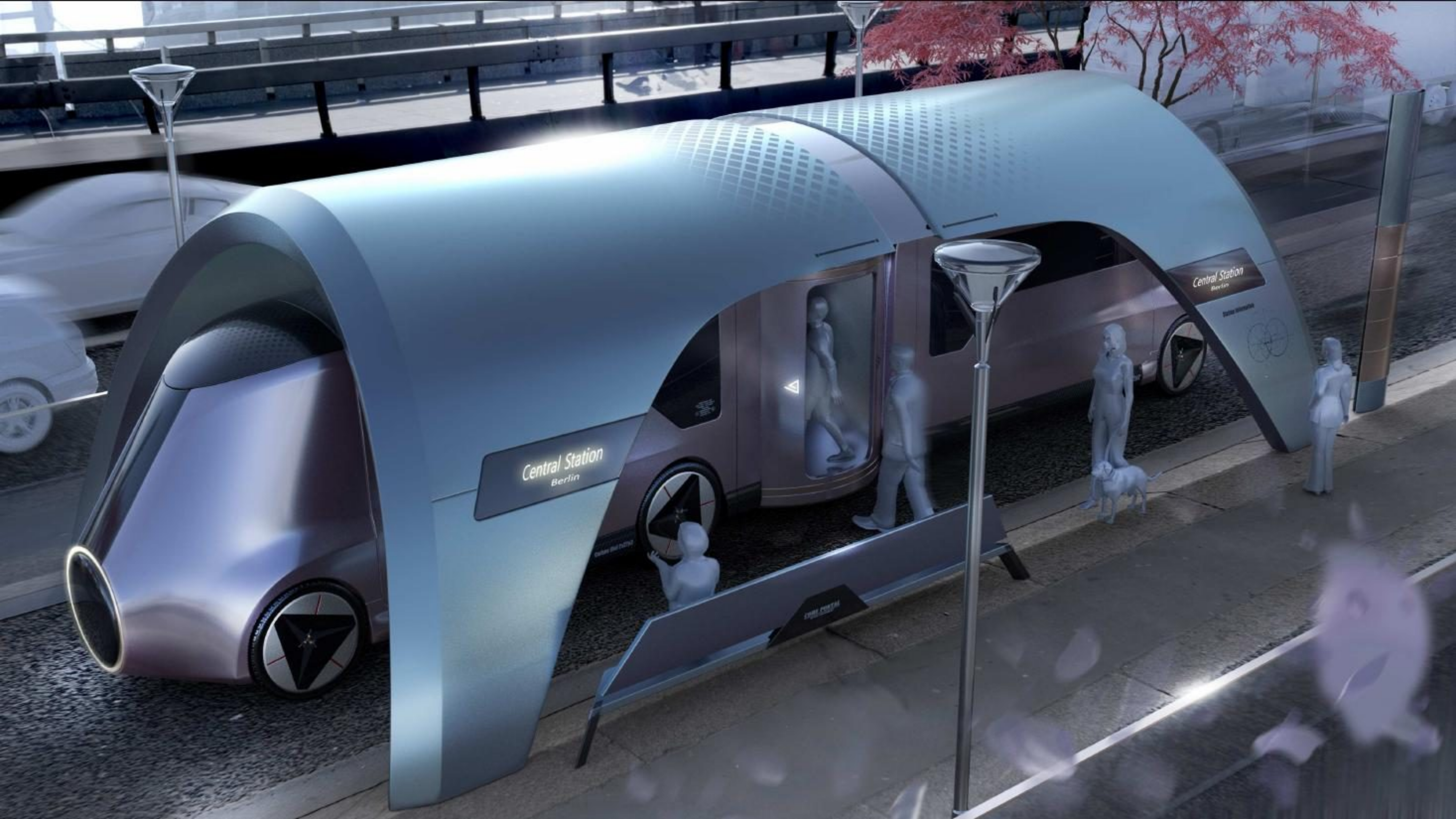
Exit area. B

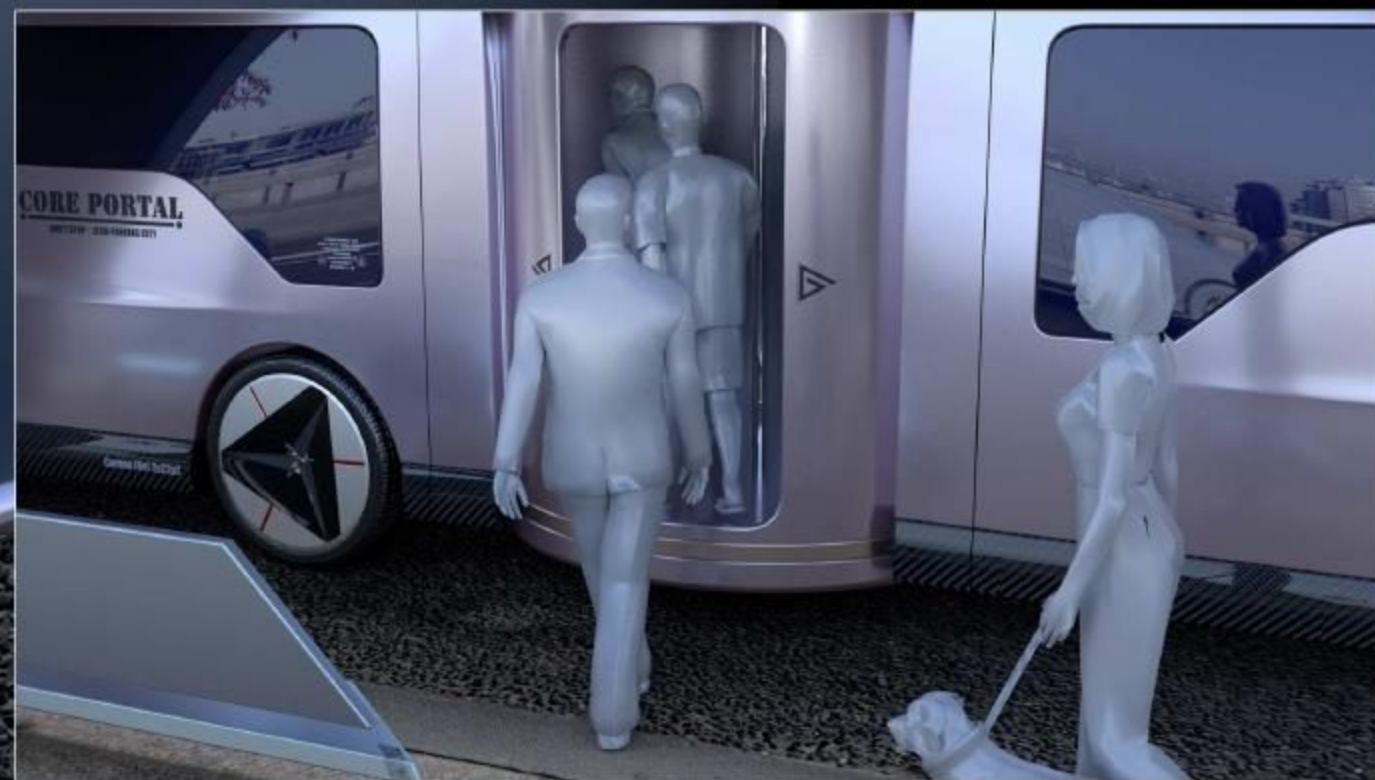
Boarding area. B





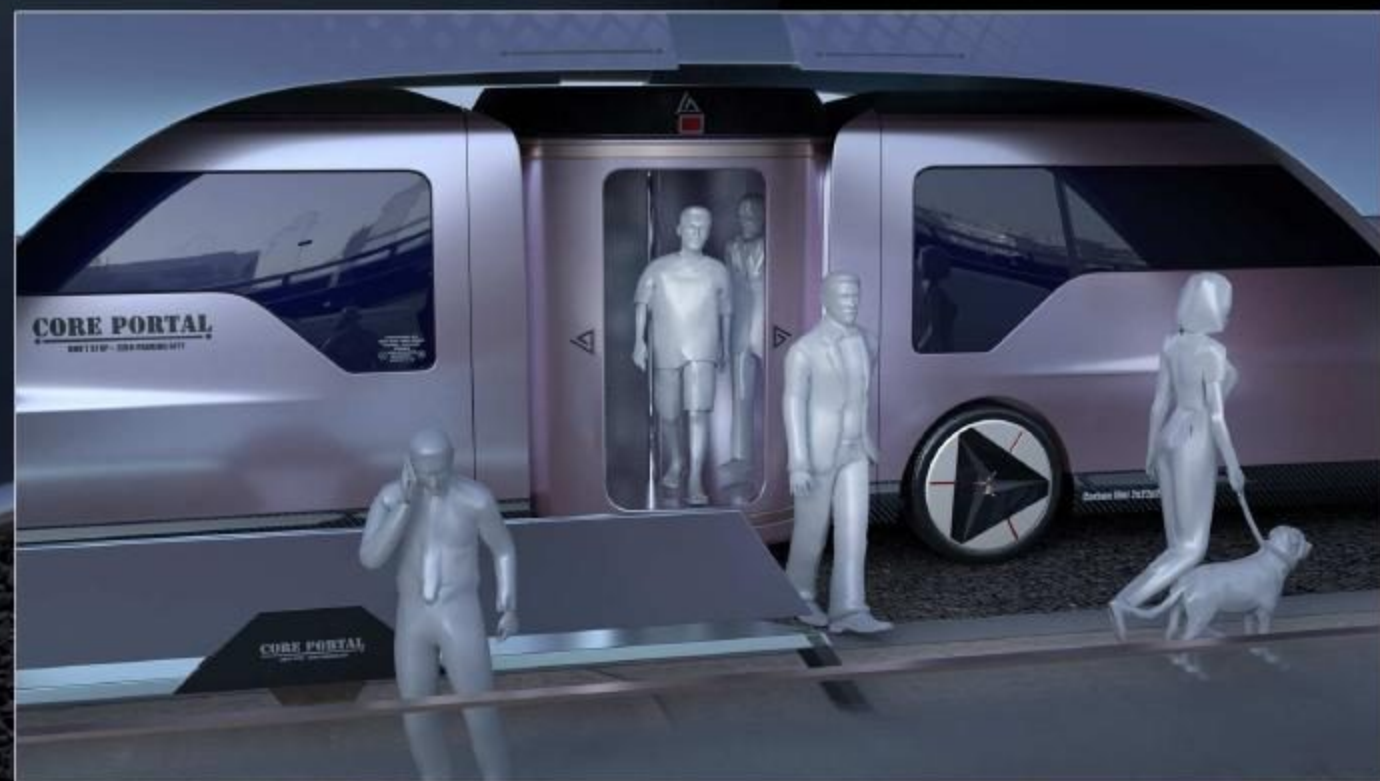






How to board

Based on stability and functionality



How to go outside

Based on stability and functionality

