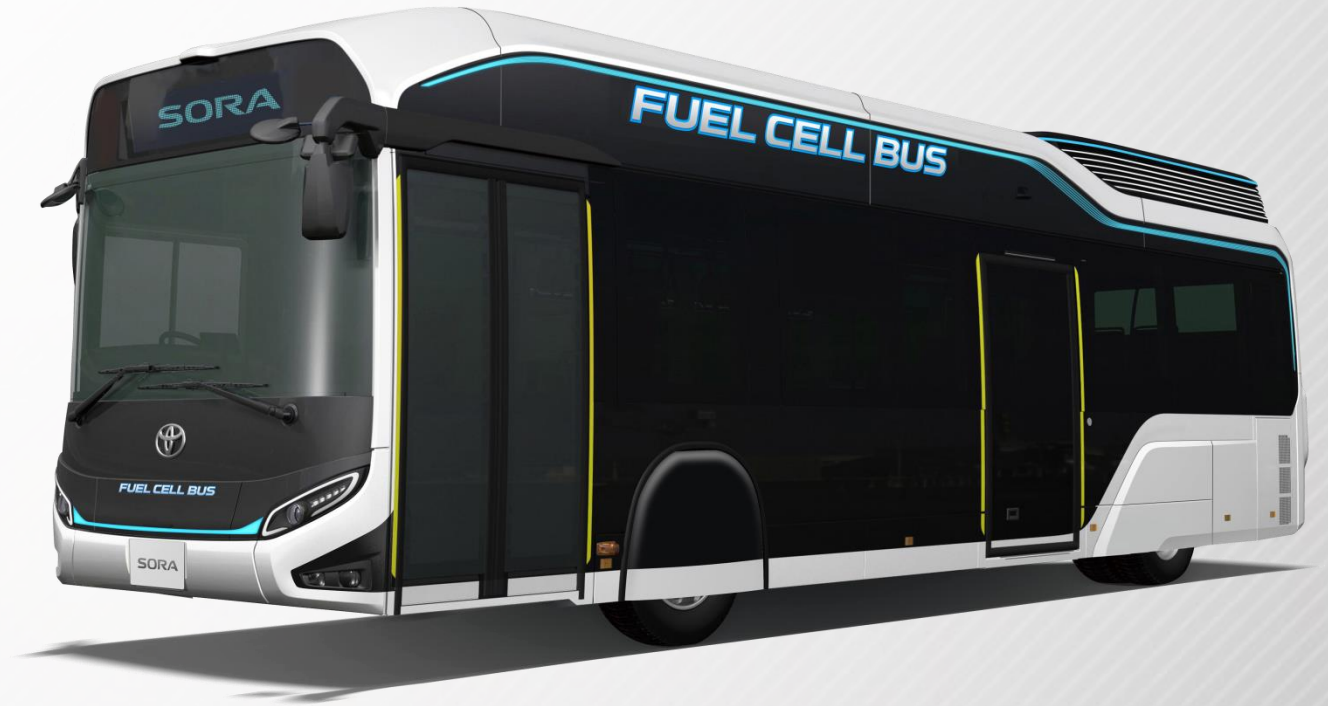


*FUEL CELL BUS*  
**SORA**



**Kenji Gondo**

Project General Manager

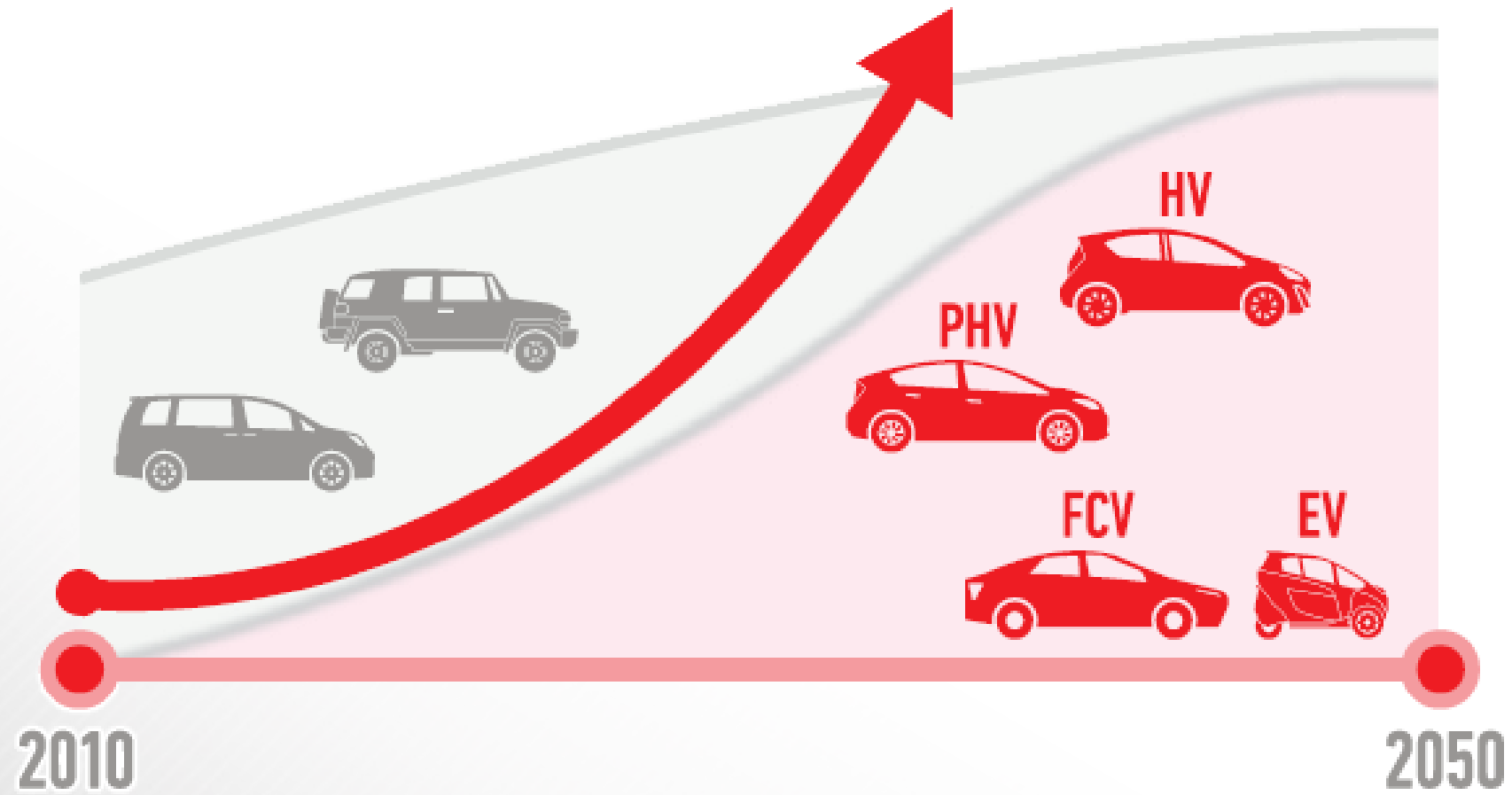
BR Next Generation Vehicle Planning Department

Toyota Motor Corporation

# Toyota Environmental Challenge 2050



# Toyota Environmental Challenge 2050



# Hydrogen: broad application potential

## Fuel cell vehicles



## Fuel cell buses



## Fuel cell forklifts



## Household fuel cells (SOFC)

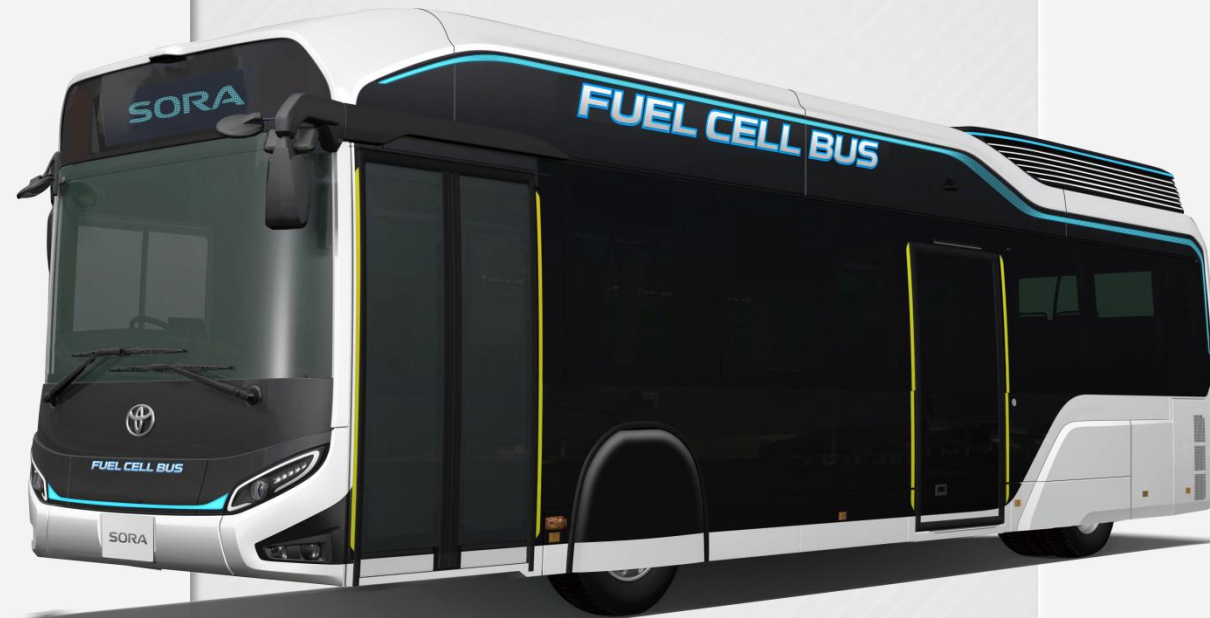


## Hydrogen stations



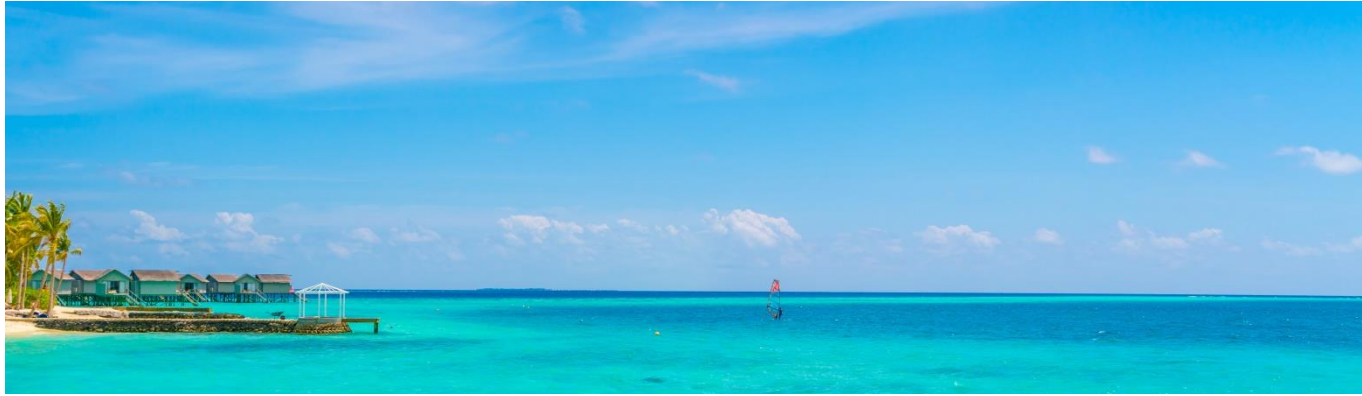
# FC Bus: SORA

## Fuel cell technology

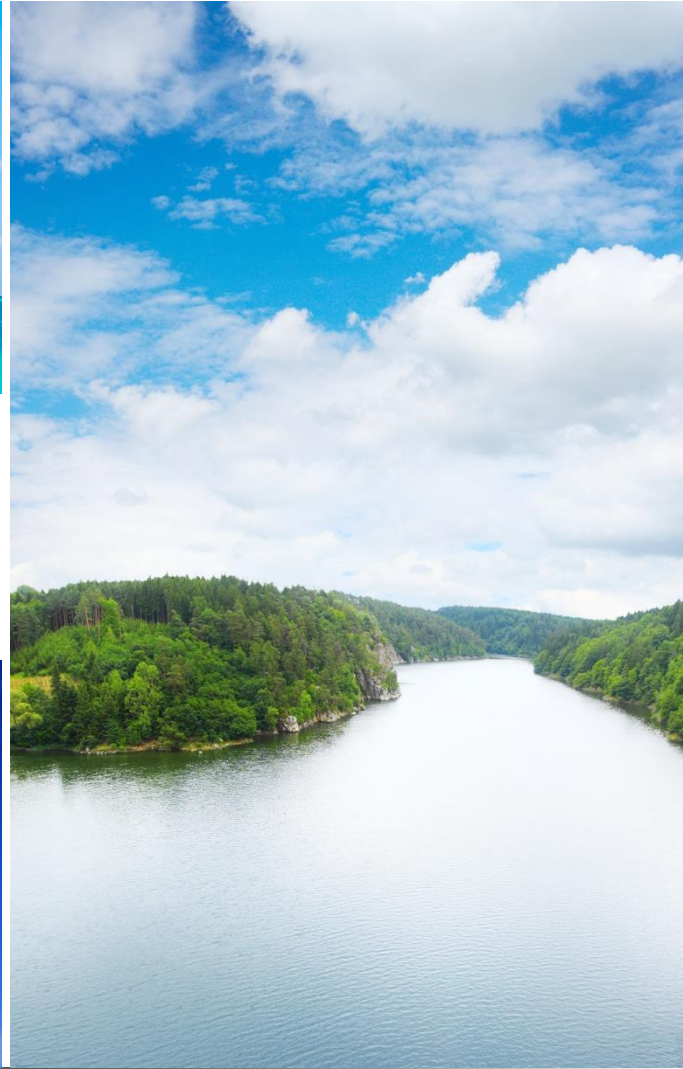


## Electrification technology





# SORA



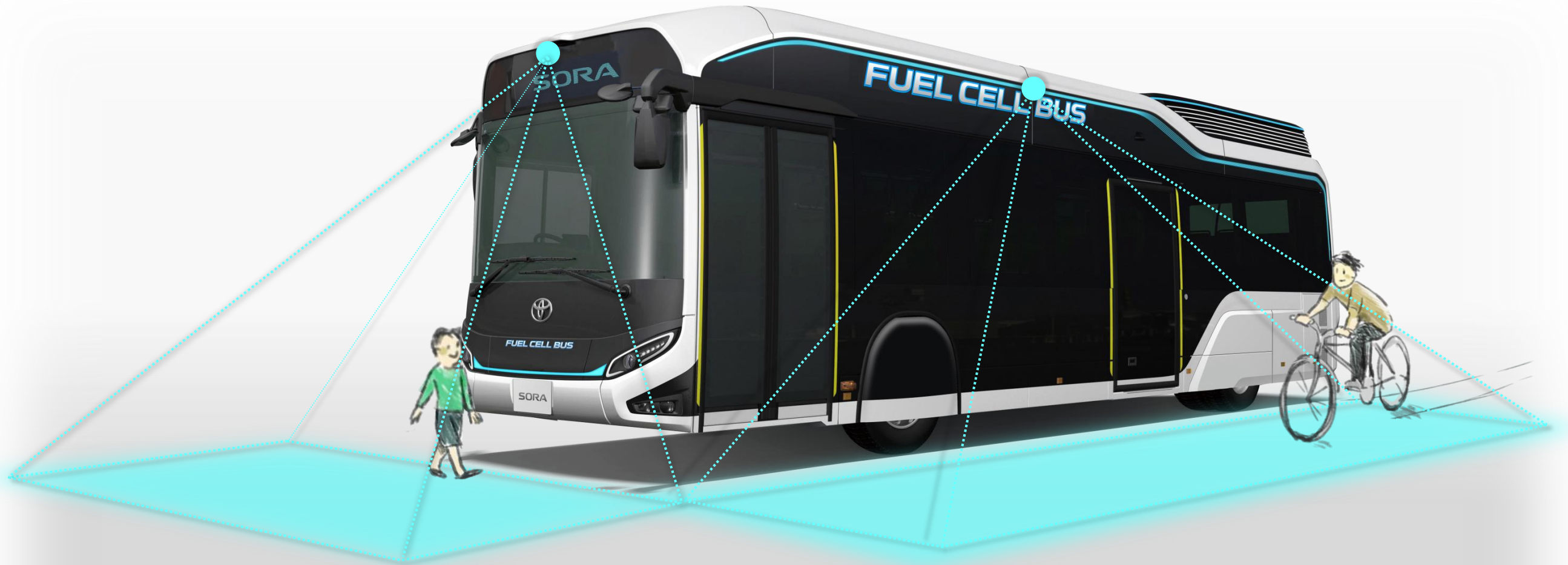
Sky Ocean River Air

# Concept



An iconic bus that residents will want to ride  
and that will add color of the future to towns

# Safety



Enhanced safety with cameras inside and outside of the bus

# Safety



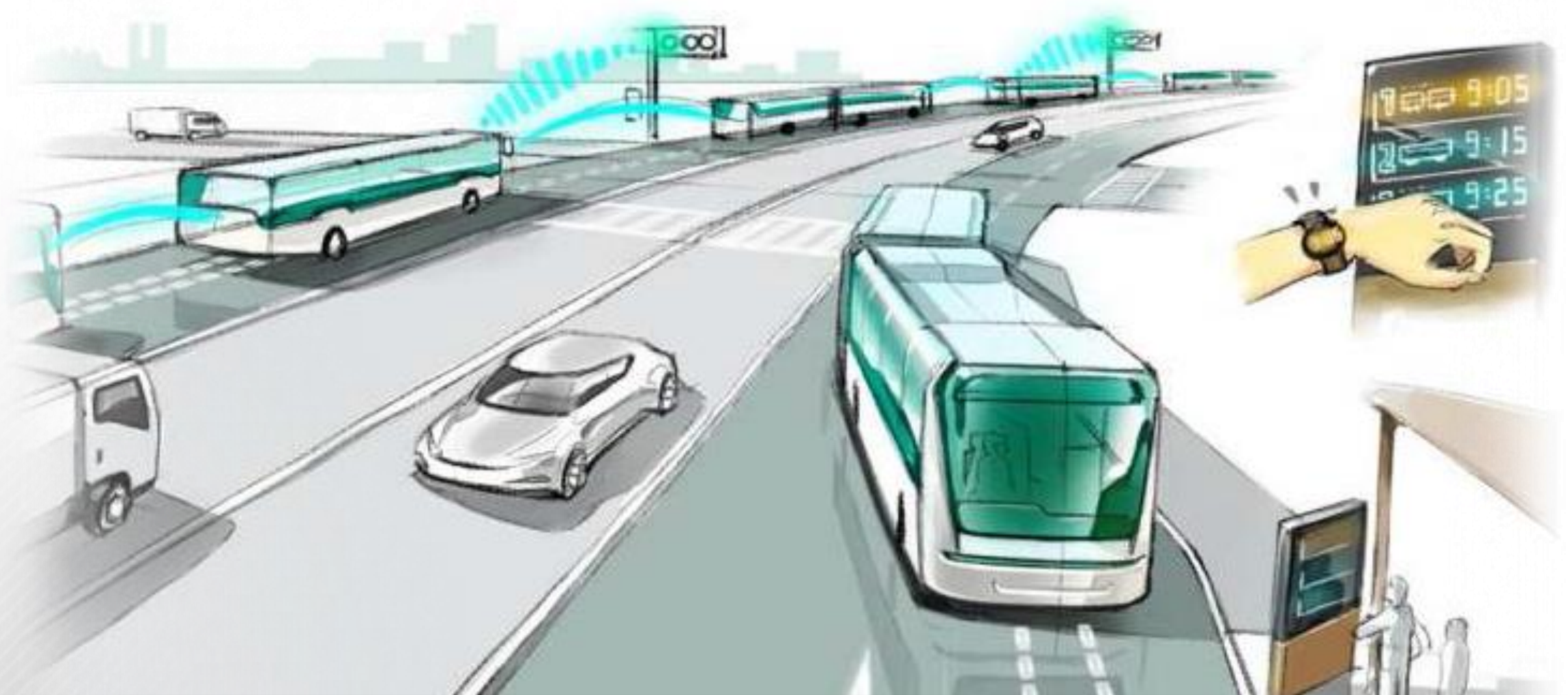
Restricts rapid acceleration for a gentle ride

# Barrier-free



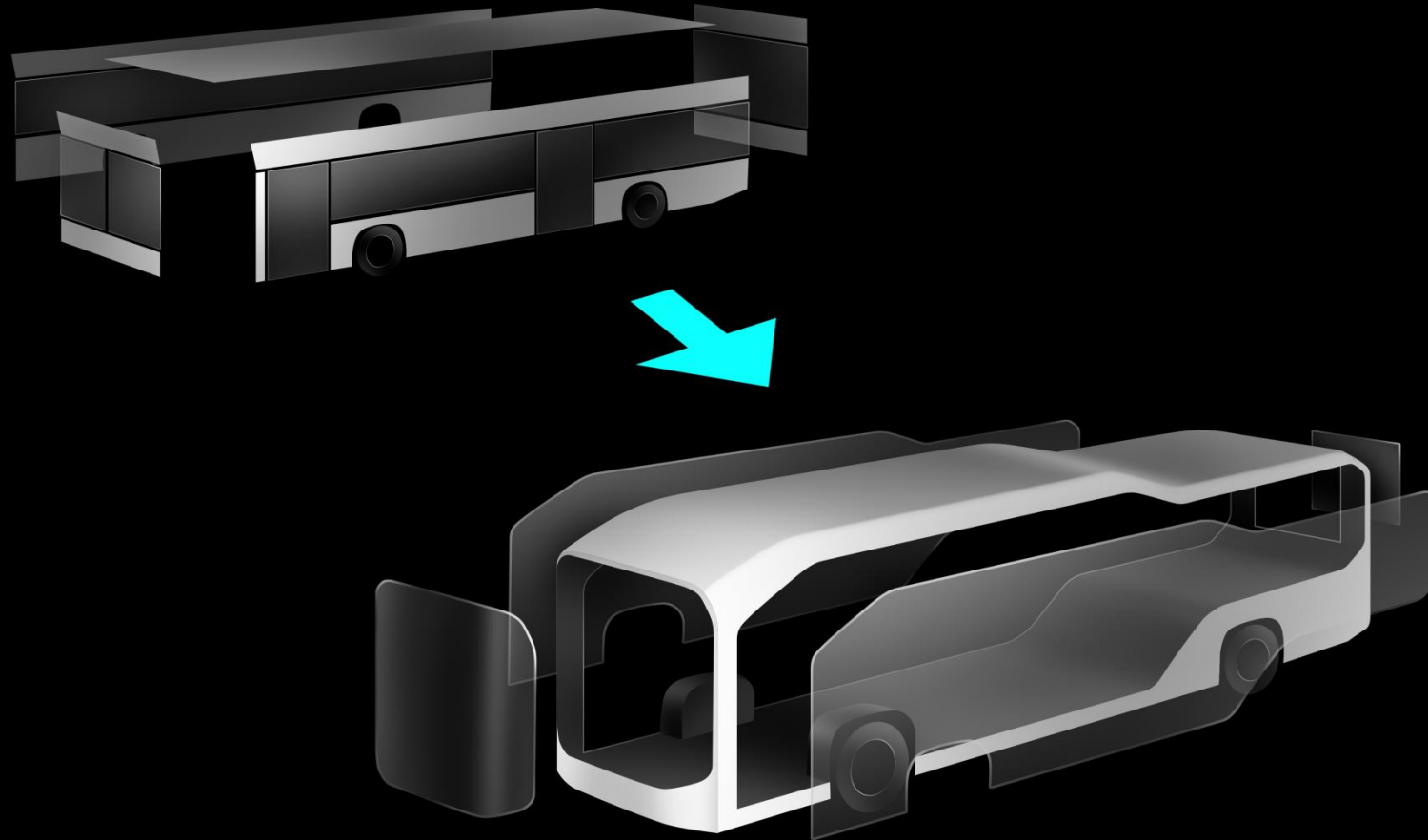
Facilitates smooth boarding /  
exiting for people in wheelchairs or pushing strollers

# Convenience



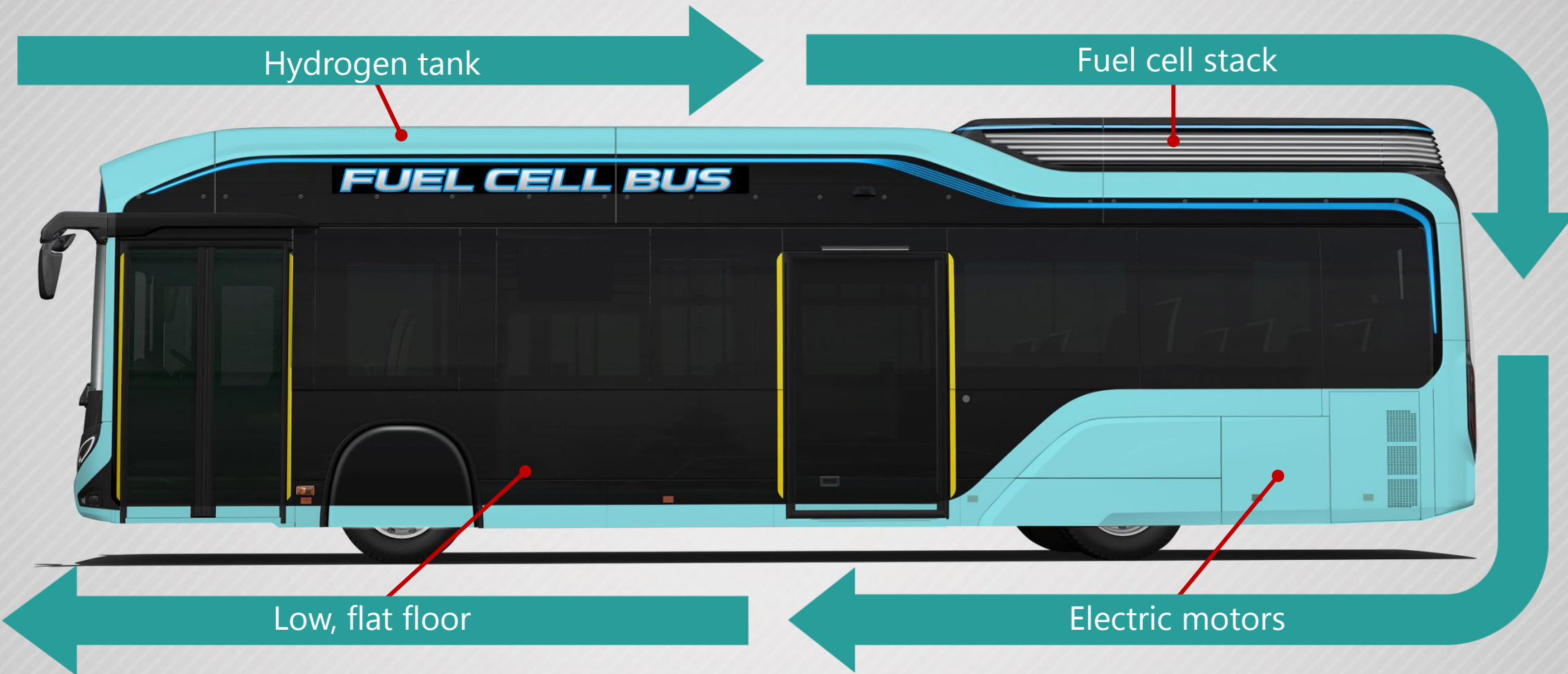
Enhances transport capacity, quick transport, and punctuality

# Advanced Styling



Emphasizes 3D frame with large windows

# Color Concept



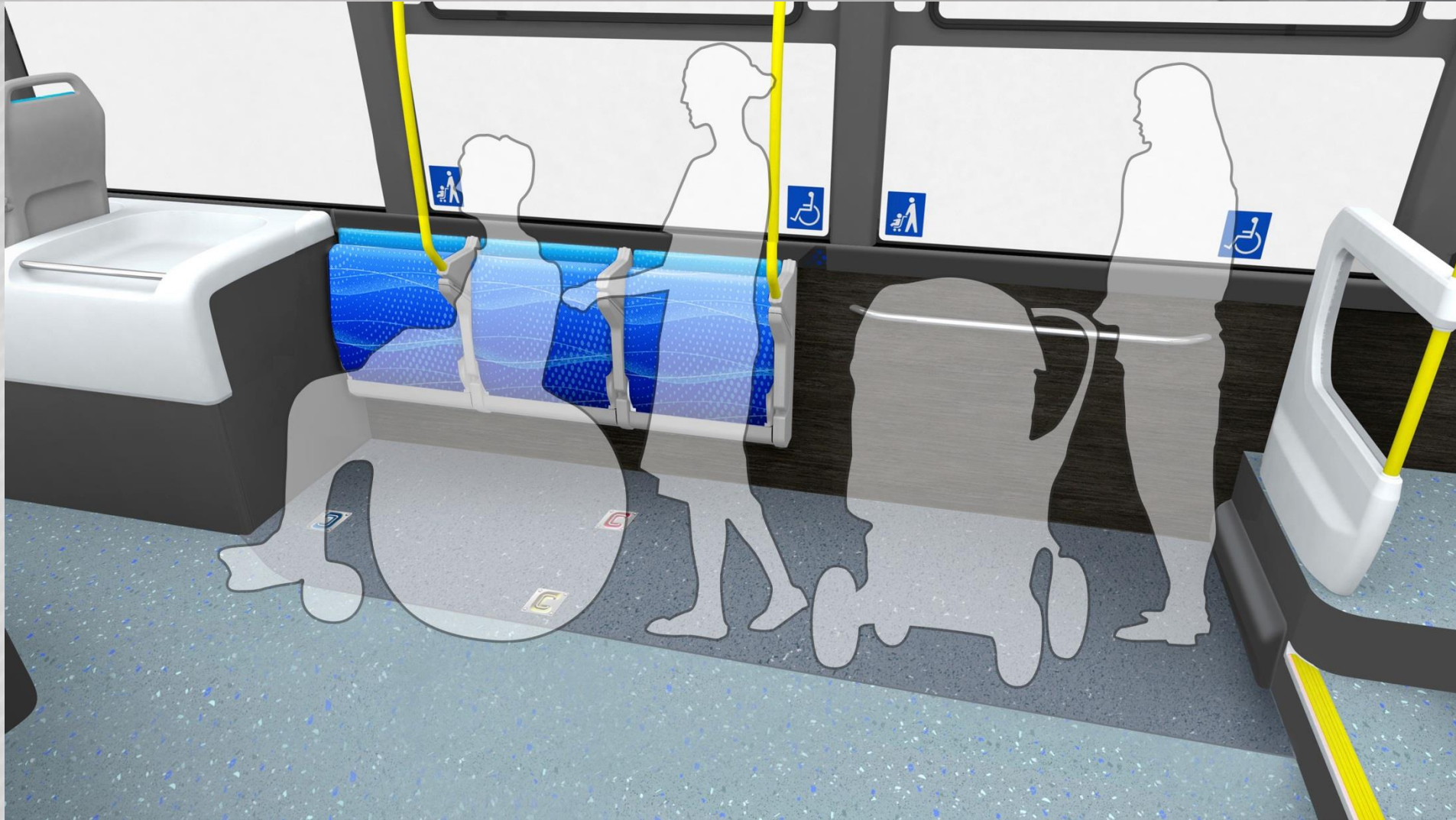
Represents the flow of energy

# Universal design



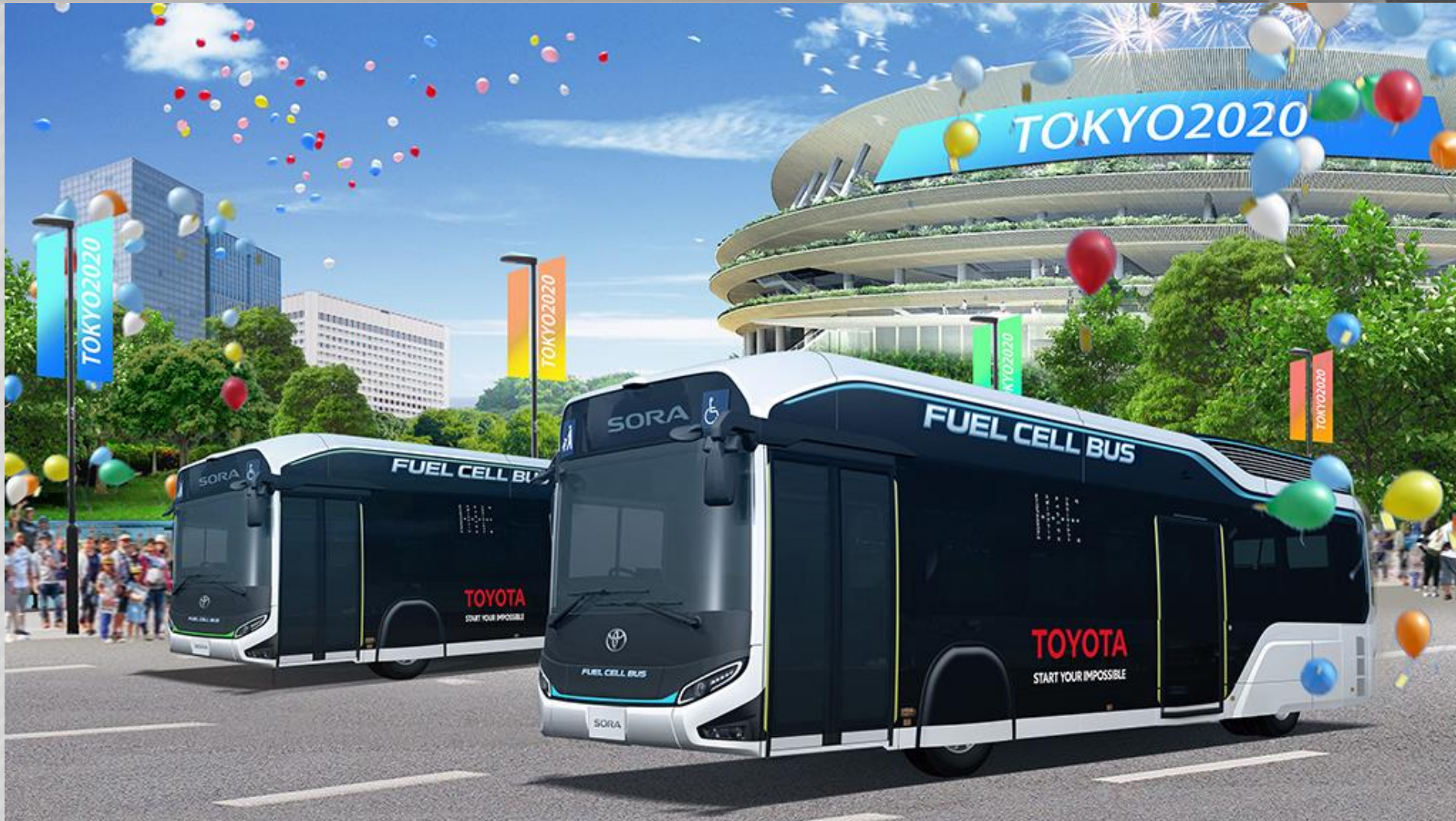
Comfortable and passenger-friendly interior

# Universal design



Spacious area allowing passengers to move freely

# Ahead of the 2020 Tokyo Olympic & Paralympic Games



More than 100 buses to be introduced (mainly in Tokyo)