

**TRANSFORMING >>>  
TRANSPORTATION™**  
20th Anniversary

Session 6 | Demand-Responsive Transportation Systems for Inclusive Mobility



# DRT SYSTEM IN SEJONG CITY

Speaker **Minju, Chang**

MARCH 14, 2023



Planned as an administrative city and established in 2012.



**48**

Central administrative and public institutions in Sejong city

**16**

National Institutes are relocated.



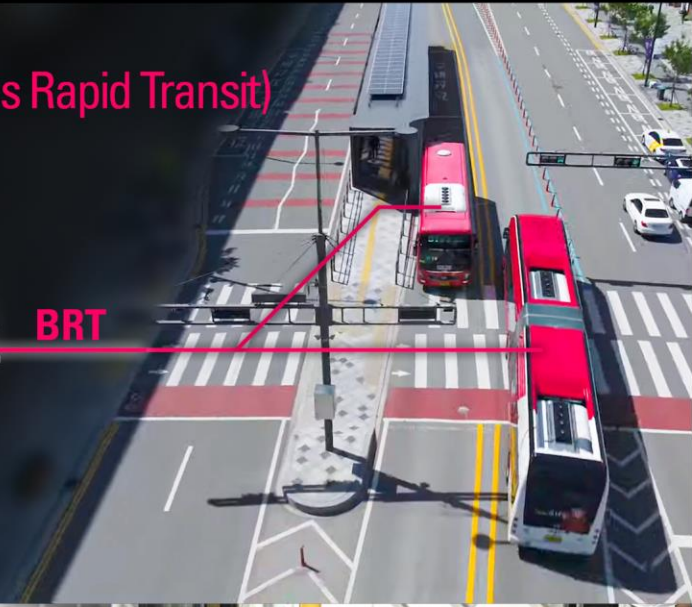
THE NATIONAL ASSEMBLY OF  
THE REPUBLIC OF KOREA

President's office and the National Assembly are planned to be constructed by 2028



# Public transit is the main means of transporting in Sejong city

Introduced the **BRT (Bus Rapid Transit)** and electric bus



Operates public bicycle programs



Fare-free public transit program is being considered



DRT System covers area with inconvenient access to public transportation





# DRT for central areas, Shucle

- Shucle is a successful case of Korea's DRT system
- Collaboration with the private(Hyundai Motor) and public(Sejong City) sectors
- Runs for short distances within residential areas, especially between locations that lack public transportation



Smart Mobility Solutions by  
HYUNDAI

셔클,  
세종에서  
출발합니다

# DRT for agricultural areas, Duruta



- **To solve transportation inconveniences in rural areas**

Not run fixed routes like typical buses

Making a reservation is in need at least 1 hour prior to the trip, then buses go directly to the required location

- **Also, Run fixed routes during rush hours in some places**





# DRT for vulnerable transportation users, Nuricall



- Specially designed for people with disabilities and the elderly  
Operate regular and wheelchair-accessible vehicles  
Available 24/7/365, users can make request for service anytime
- Has taken over the operation from the private sector to public sector in 2021 to improve its quality of service.

24  
Hours

7  
Days Week

365  
Days Year







Thank you.

