Session 6 | Demand-Responsive Transportation Systems for Inclusive Mobility

DRT SYSTEM IN SEJONG CITY

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Planned as an administrative city and established in 2012.

- **48** Central administrative and public institutions in Sejong city
- **16** National Institutes are relocated.
- 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

20min

Operates public bicycle programs

Fare-free public transit program is being considered

DRT System covers area with inconvenient access to public transportation
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
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.
Thank you.