



Ministry of Land,
Infrastructure and Transport

Launching ‘Tourism-Linked Autonomous Driving Service’ in Jeju

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Full-scale Launch of the Mobility Service as “Tamna(Jeju-do) Self-driving Vehicle” connecting the airport, coastal roads, and Jungmun Tourist Complex

Travelers visiting Jeju-do will be able to enjoy the beauty of its beaches such as Iho Tewoo Beach or Yongduam Rock, etc. by using the Autonomous-Driving Shuttle for Circular Tour Service on the arrival floor at the Jeju Airport. Followed by such tour, the users can safely and comfortably get from the airport to their hotels located in the Jungmun Complex by the self-driving shuttles enabling them to move conveniently between desired places over the popular tourism complex, which is expected to make the tourists more excited while traveling in Jeju.

The Ministry of Land, Infrastructure and Transport (MOLIT, Minister WON Hee-ryong) announced that starting from 3 November, the Mobility Service named “Tamna Autonomous Car” will be kicked off for anyone who would like to use the service around the Jeju coastal road and Jungmun Tourist Complex.

The 'Tamna Autonomous Car*' is a project intended to provide free autonomous driving service to tourists visiting Jeju and local residents until the year of 2023. This project was selected by the MOLIT last May as the “Pilot Project on the Autonomous Driving Mobility Service” in order to increase public awareness of the autonomous car service.

* Project participants: Ride Flux (operator), IT Telecom, Gwangmyeong D&C, KAIST, Jeju Research Institute

The Pilot Project on the Autonomous Driving Mobility Service, which was started in 2020, is a project intended to provide start-ups and SMEs with an opportunity to demonstrate autonomous driving in the autonomous car-based mobility project they creatively prepared, and the MOLIT plans to support KRW4 billion for autonomous car production and the service operating costs from June 2022 to Dec. 2023.

The 'Tamna Autonomous Vehicle' service is operated on coastal roads (16 km in total) between Yongduam and Iho Tewoo Beach near Jeju Airport and within the Jungmun Tourist Complex (5 km²) where are frequently visited attractions by both local residents and tourists. It links public transportations and existing autonomous driving services to allow them to travel around desired destinations without driving cars by themselves.

In 2022, 3 autonomous cars (2 on coastal roads, 1 in Jungmun complex) will be operated from 10:30 am to 6:30 pm on weekdays. Professionally trained safety managers are supposed to sit in driver's seats for each vehicle in case of an emergency. Service reservations and the callings can be made through the service link and QR code on the website of the business operator, Ride

Flux.

In the meantime, the Autonomous a2z Consortium*, which was also selected as a private operator for this secondary project, will complete preparations for service in November to provide passenger services at Daegu Technopolis (10.6 km) and the National Industrial Complex (17.6 km) in 2022 and “Dalgubeol Autonomous Car” service providing Robot Delivery in 2023.

* Project participants: Autonomous a2z (operator), Kakao Mobility, KT, Hyundai Autoever, Neubility, Korea Automotive Technology Institute

Park Ji-hong, the Director General of Motor Vehicles Policy in MOLIT expressed, “Jeju-do is a tourist center visited by many foreign tourists as well as the local, and we expect these Pilot Projects to serve as opportunities to enhance the quality of tourism further in Jeju,”

Adding that the government will fully support private companies so that Korean companies can achieve tangible results in the autonomous car market, where international competition for commercialization is fierce, and continue to promote policies to allow citizens to safely experience autonomous driving services.

Reference 1

“Tamna autonomous car” Service Operation Plan

- ① [Service 1] Circulation route for major tourist attractions near the airport
 - (Car in service) 2 autonomous cars (IONIQ Electric)
 - (Service type) Advance reservation (reservation up to 14 days in advance)
 - (Departure/arrival point) Free setting within the route (based on existing bus stops)
 - stops)
 - Set the desired usage time in 15-minute increments
 - (Operating hours) Weekdays 10:30~18:30 (Break Time 13:15~14:30)
 - (Operating route) Jeju Airport → Iho Tewoo Beach → Dodubong → Rainbow Coast Road → Eoyeong Park → Yongduam Rock → Jeju Airport (16km circular route, takes about 45 minutes)



- (How to use service)
 - 1) Access the service reservation page(<https://reservation.rideflux.com/tamra>)
- *QR code : Request to board the Tamna autonomous vehicle

	
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② [Service 2] Jungmun Tourist Complex Last Mile Service

- (Car in service) 1 autonomous (IONIQ Electric)
- (Service type) Real-time demand response type (Real-time call)
- (Departure/arrival point) Free setting within the following conditions
Select the departure point as the bus stop → Free setting of destination point within a 2km radius
- ** Select the destination point as the stop → Free setting of departure point within a radius of 2km
- (Operating hours) Weekdays 10:30~18:30 (Break Time 13:15~14:30)
- (Operating hours) Weekdays 10:30~18:30 (Break Time 13:15~14:30)
- (Operation route) Central area of Jungmun Tourist Complex(Area of 5km²)



- (How to use the service)

1) Access the service reservation page(<https://reservation.rideflux.com/tamna>)

*QR code : Request to board the Tamna autonomous vehicle



- 2) Click on 'Jungmun Tourist Complex Area Service'
- 3) Select the bus stop that you want to depart from or arrive at
- 4) Select a boarding or drop-off point within a radius of 2km from the selected stop
- 5) Complete the call after entering passenger information

Reference 2

Main Information on 'Tamna autonomous car' Mobility Service

□ Service Overview

- **(Service Name) 'Tamna Autonomous Vehicle'**
 - **Borrowing of Jeju's old name, 'Tamna', Double meaning of 'I am craving' for an autonomous**
- **Main Information**
 - **(Service for all citizens)** Provide autonomous driving service that passes through **major tourist destinations** with high mobility demand in Jeju Island, which is visited by 15 million people annually
 - **(Service area)** Service that links **coastal road** near the airport (Iho Tewoo Beach, Rainbow Coastal Road, Eoyong Park, etc.) and convenience facilities in **Jungmun Tourist Complex** (Shilla, Lotte Hotel, etc.)
 - **(Expected benefits)** Enhancement of **synergy with public transportation** by designing to complement the disadvantages of existing public transportation and increase the use rate of public transportation

□ Cars in operation

- (Car model) IONIQ Electric (Max. speed: 80 km/h)
- (Sensor configuration) Lidar (1), radar (1), camera (4), etc.

